

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



ALEXSWILL FARMS

Herd Number: 463348

E-mail: jjager@mweb.co.za
alexswillfarm@gmail.com



EBVs, EBVi's and GEBVs

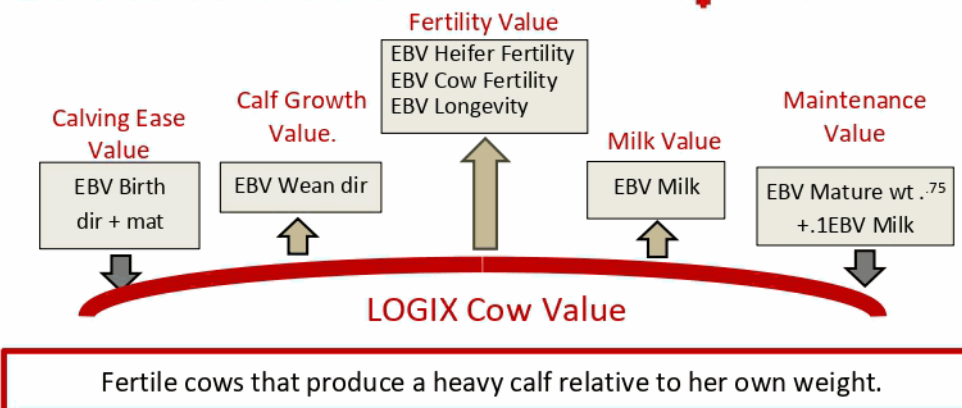
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

EBV (Breeding Value): Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

GEBV (Genomic Breeding Value) Interpreted like the EBVi. (GEBV = EBV + Genomic information)

LOGIX Selection values combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS

(GOOD ENVIRONMENT)

- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

LOGIX Weaner Calf Value



Select for:

- heavy weaners
- more milk and
- lower birth and
- cow weights

LOGIX Carcass Value



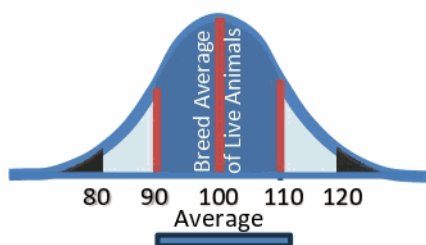
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

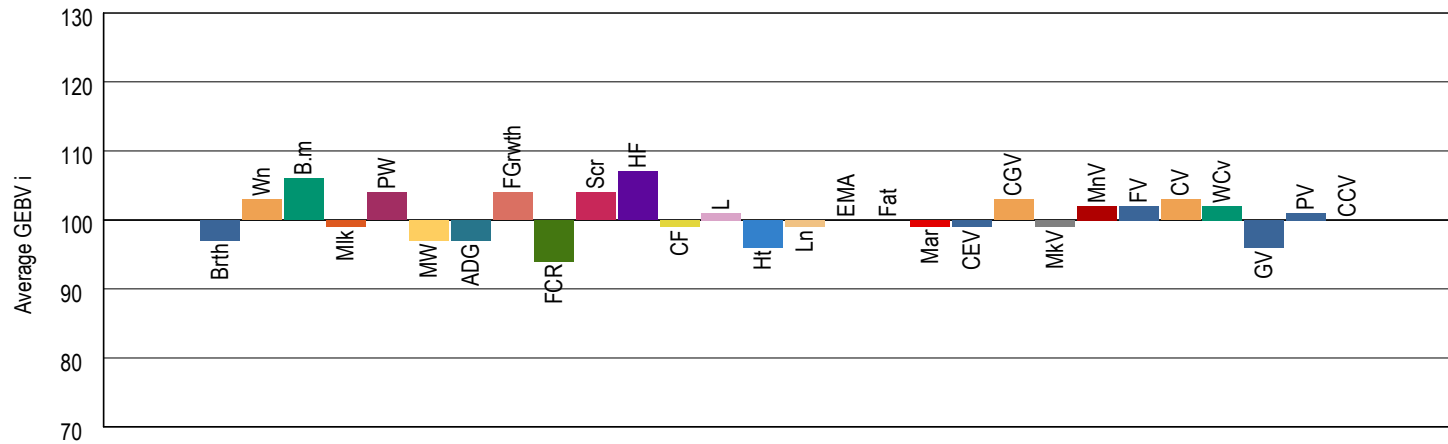


Examples

Type of Animal	Cow Value	Calving Ease V	Weaner Calf V	Milk Value	Maint. Value	Fertility Value
Average	Med-High	Avg	Avg	Avg	Avg	Med-High
Grower	Med-High		High			Med-High
Low Maintenance	Med-High				High	Med-High

	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mik:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGrwth	Veldgrowth	Fat:	Fat
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MKV:	Milk Value
MnV:	Maintenance Value
FV:	Fertility Value
CV:	Cow Value
WCv:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.28	97	0.98
	Wean Weight	16.5	103	14.9
	Birth Mat.	-0.57	106	-0.28
	Milk (Wn.Mat.)	3.4	99	3.7
Postwean Growth	Postwean Wt	29	104	25
	Mature Weight	18	97	22
	ADG	69	97	79
	VeldGrowth	46	104	35
	FCR	-27	94	-37
Fertility	Scrotal Circumf.	15	104	13
	Heifer Fertility	-13.3	107	-9.1
	Cow Fertility	-0.41	99	-0.56
	Longevity	32.5	101	31.8
Frame	Height	-6.1	96	-3.1
	Length	12.4	99	13.6
Carcass	EMA	0.658	100	0.683
	Fat	0.104	100	0.055
	Marbling	-0.163	99	-0.056

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	103
Milk	99
Maintenance	102
Fertility	102
Cow Value	103
Weaner Calf Value	102
Growth Value	96
Production Value	101
Carcass Value	100

- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

What does a sub-selection value above breed average (100) mean?:

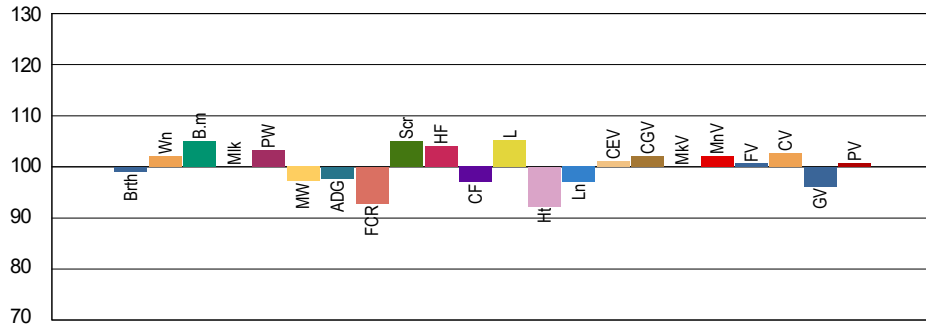
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier and/or more regularly.

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

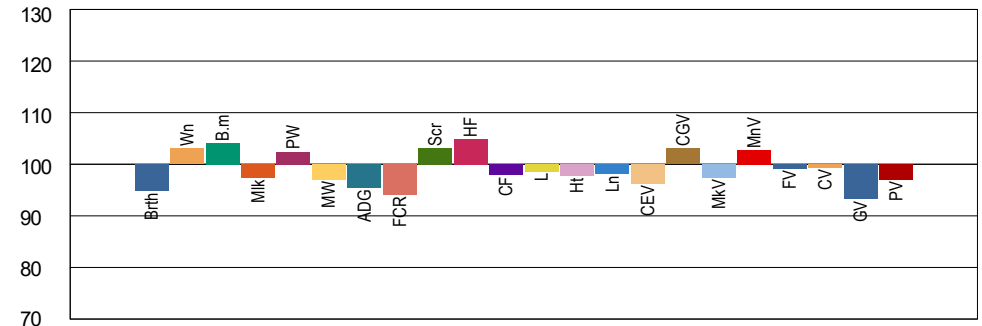
Total: 59



Cow Herd

Cows born in 2024 and earlier

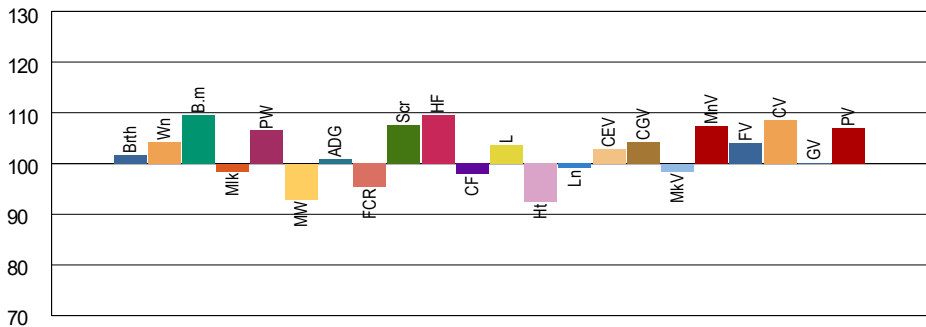
Total: 318



Sires of young animals

Sires of animals 3 years and younger

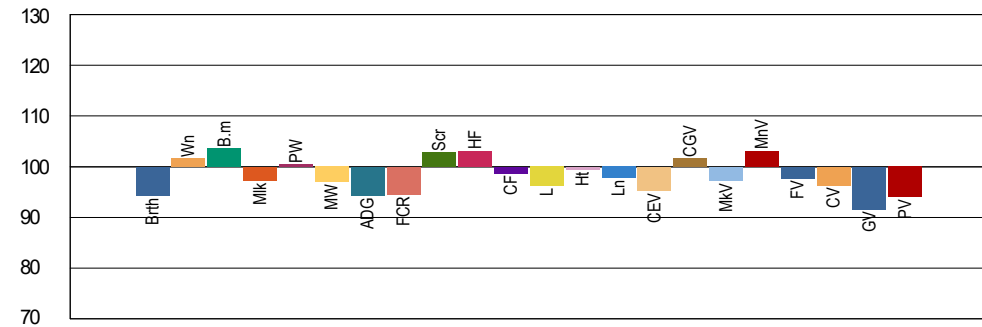
Total: 19



Cows older than 6 years

Cows born in 2020 and earlier

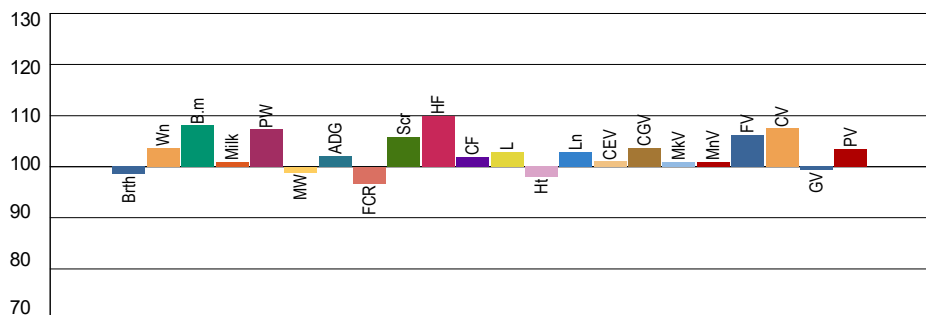
Total: 177



Bull calves

Bulls born in 2025

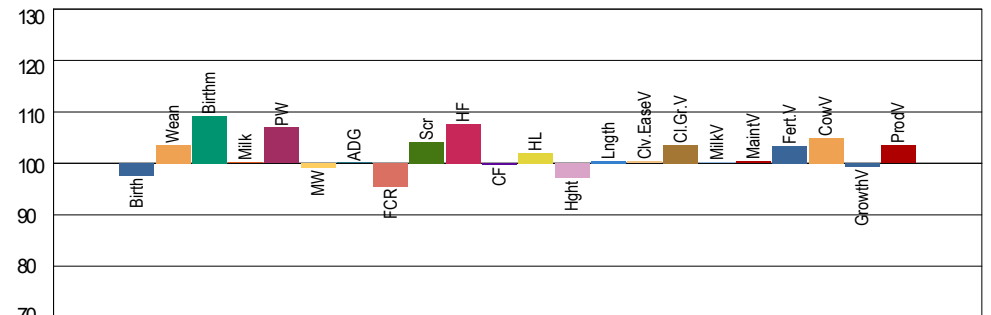
Total: 84



Heifer calves

Heifers born in 2025

Total: 88

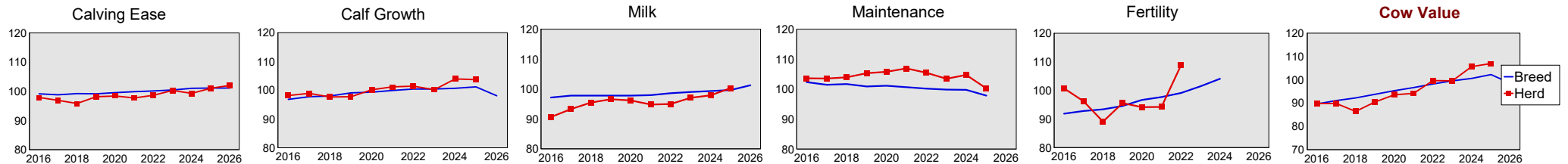


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2013	3	★★★☆☆	100	95	98	98	95	89	76	84	98	95	127	98	91	100	81	86	88	104	96	91	99	92
2014	7	★★★★☆	94	100	105	106	102	102	90	98	96	100	90	105	98	95	95	99	107	112	100	95	100	98
2015	13	★★★★	93	101	99	95	103	96	99	95	93	101	100	99	100	105	102	103	101	108	103	94	108	106
2016	20	★★★★	96	99	93	103	105	95	88	92	95	99	110	93	97	99	92	98	102	107	109	94	101	99
2017	27	★★★★	92	101	101	105	101	98	90	95	91	101	100	101	100	95	92	93	98	105	103	95	99	98
2018	36	★★★★	99	100	94	105	94	94	90	92	98	100	104	94	100	96	92	93	104	101	95	97	100	96
2019	34	★★★★	94	103	98	103	97	97	92	95	94	103	102	98	101	97	95	92	103	100	98	97	96	96
2020	39	★★★★	96	104	99	104	95	99	94	97	94	104	105	99	104	96	96	95	106	101	94	99	98	98
2021	21	★★★★☆	97	105	95	108	99	102	95	100	96	105	103	95	104	93	96	93	98	104	96	101	97	97
2022	24	★★★★☆	99	103	93	106	103	101	93	98	97	103	112	93	103	94	95	94	107	111	97	101	99	99
2023	56	★★★★☆	99	104	98	99	99	101	97	99	97	104	104	98	105	100	97	93	105	104	95	102	92	97
2024	40	★★★★☆	96	107	100	102	105	108	95	105	93	107	104	100	107	97	98	94	103	110	100	101	97	101
2025	88	★★★★☆	100	104	100	100	103	105	99	104	98	104	109	100	107	99	100	95	104	108	100	102	97	101
2026	54	★★★★☆	104	101	100	104	107	108	95	105	102	101	108	100	102	95	96	94	105	114	101	103	93	95
Cows in Herd Average:			97	102	98	103	101	100	92	97	96	102	106	98	101	97	95	94	102	106	99	98	98	98

Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



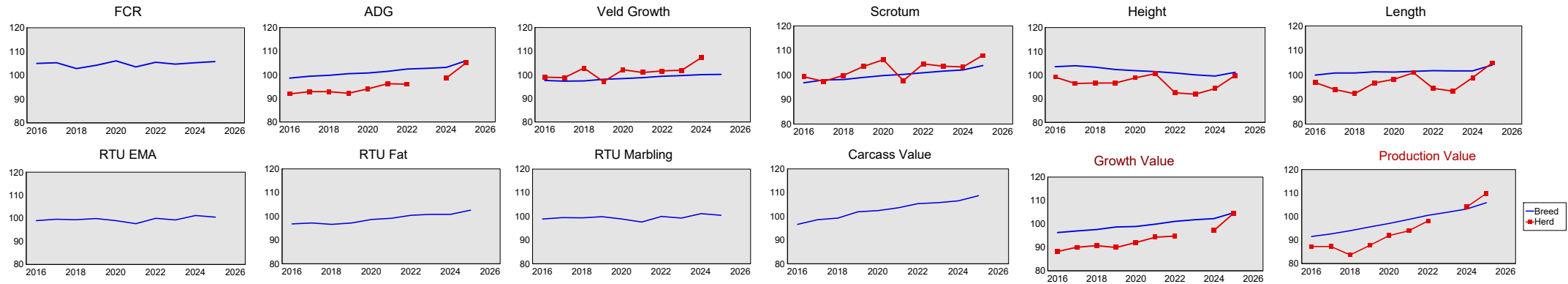
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number			EBV
2016	230	1.30	-0.51	98	214	14.0	98	214	0.85	91	206	21.8	42	20	104	49	-12.8	42	-1.8	194	22.1	101	90
2017	251	1.39	-0.43	97	237	14.4	99	237	1.66	93	226	22.7	44	15	104	66	-11.2	51	-0.8	225	22.3	96	90
2018	276	1.50	-0.35	96	251	13.7	98	251	2.32	95	239	23.9	43	16	104	65	-6.7	43	0.3	272	24.3	89	86
2019	253	1.26	-0.43	98	233	13.7	98	233	2.66	97	206	23.3	31	17	105	45	-9.4	38	-0.2	228	25.0	96	91
2020	210	1.25	-0.44	98	200	15.0	100	200	2.55	96	186	25.8	46	15	106	56	-9.8	50	0.3	180	26.2	94	94
2021	136	1.29	-0.35	98	116	15.6	101	116	2.11	95	103	26.2	21	12	107	33	-8.2	18	0.2	106	27.5	94	94
2022	132	1.26	-0.57	99	107	15.8	101	107	2.17	95	106	27.0	19	11	105	23	-18.8			35	26.2	109	100
2023	173	1.16	-0.54	100	124	15.0	100	124	2.82	97	118	26.0			103								100
2024	133	1.30	-0.58	99	126	17.1	104	126	3.04	98	128	30.0			105								106
2025	197	1.15	-0.71	101	189	16.9	104	189	3.81	100	54	34.0			100								107
2026	97	0.95	-0.61	102																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2016	43617	1.05	-0.23	99	35930	13.3	97	35930	2.85	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45540	22.9	92	90
2017	45336	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46660	23.8	93	91
2018	43028	1.06	-0.27	99	35840	13.9	98	35840	3.04	98	24987	23.8	6623	22	102	7937	-6.4	6328	-0.1	44031	24.5	93	92
2019	43014	1.07	-0.28	99	35189	14.5	99	35189	3.04	98	24710	24.8	6812	23	101	8176	-6.8	6640	-0.1	43352	25.5	95	94
2020	43065	1.04	-0.30	100	35848	14.6	99	35848	3.04	98	26199	24.9	7381	23	101	8576	-7.8	6880	-0.3	43333	26.4	97	95
2021	43188	1.01	-0.32	100	35942	14.9	100	35942	3.09	98	26572	25.7	6849	23	101	8460	-7.8	5964	-0.3	40244	27.4	98	97
2022	43262	0.99	-0.31	100	36541	15.2	100	36541	3.28	99	26872	26.2	5981	24	100	8283	-8.2	2919	-0.6	15061	27.5	99	98
2023	44407	0.96	-0.32	100	37320	15.2	100	37320	3.39	99	26594	26.3	1929	23	100	4872	-9.2	139	-1.0			102	100
2024	42942	0.89	-0.31	101	35829	15.3	101	35829	3.50	99	25736	26.4	7	26	100	297	-10.2					104	101
2025	44477	0.89	-0.31	101	33314	15.6	101	33314	3.60	100	7717	28.2			98								102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101													99

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2017				110	52	93	110	33	99	110	11.2	97	110	-6	96	110	8	94								90	87	
2018				109	52	93	124	43	103	109	12.7	100	109	-6	97	109	7	92								91	84	
2019				107	49	92	85	29	97	107	14.8	103	41	-6	97	41	11	97								90	88	
2020				86	57	94	91	41	102	86	16.5	106	53	-4	99	53	12	98								92	92	
2021				46	65	96	54	38	101	46	11.4	98	46	-3	101	46	14	101								94	94	
2022				48	64	96	56	40	102	48	15.5	105	48	-9	92	48	9	95								95	98	
2023							114	40	102	57	14.9	104	46	-10	92	46	8	93										
2024				64	74	99	58	54	107	64	14.7	103	64	-8	94	64	13	99								97	104	
2025				54	98	105				54	17.6	108	54	-3	100	54	18	105								105	110	
2026																												

Breed

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value	
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi	EBV	EBVi					
2017	659	-45	105	8459	77	99	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93	
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94	
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96	
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97	
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99	
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101	
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102	
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103	
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106	
2026																													

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured			
ID																																		Comp.nr	Birth	Wean	Grwth Test
AG 060051		AG 030205	96	115	94	110	93	110	117	83	104	88	91	98	89	89	89	115	94	115	103	88	92	100	79	88	109	96	79	104	91	103	83	99	33	31	
62918545		AG 950080	88	89	79	78	64	75	86	62	72	41	11	1.23	-0.1	110	6	22.8	1.7	110	27.5	34	17	-37	-0.87	5.5	-14.2	0.1	19.1	0	5.6	0.97	-2.55	-0.15	15	7	29
			88	89	79	78	64	75	86	62	72	41	78	91	82	82	78	89	7.9	82	85	80	45	40	78	88	64	46	83	86	81	40	42	40			
AG 110341		AG 070138	84	107	80	103	50	62	95	96	65	98	91	74	97	92	92	107	80	92	107	95	105	98	95	88	62	65	83	93	97	99	92	82	27	25	
73914897		AG 050186	85	87	70	71	57	70	82	54	67	40	11	3.73	-1.1	53	16	18.9	-2.5	53	31.3	59	47	-33	0.07	5.7	12.4	5.6	21.4	-9	11.0	0.55	-1.28	-1.54	6	5	5
			67	90	76			71	87	70	76		67	90	76		71	87	70	76	83	72	34	31	77	81	57	36	79	79	73	40	41	39			
AG 110493		AG 070742	90	112	108	103	64	93	117	107	95	112	99	86	100	122	122	116	105	119	116	105	119	99	106	90	72	70	97	91	94	98	104	95	78	74	
74045030		AG 070248	96	96	93	93	91	87	95	91	88	89	21	2.49	-1.5	127	14	21.5	6.2	127	39.7	96	82	-35	0.65	6.9	6.9	4.7	30.3	-10	8.1	0.48	0.75	-0.49	37	16	54
			93	97	94			93	96	93	94		93	97	94		93	96	93	94	95	93	89	88	92	95	90	88	94	95	94	89	89	89			
BBM 130156		BBM 080070	113	104	86	121	98	109	110	67	100	87	75	108	112	101	101	93	68	85	93	68	85	67	99	93	100	109	88	88	89	113	95	81	200	174	
78656493		BBM 100237	95	97	87	88	66	81	94	53	75	71	-10	0.13	-3.2	77	-3	17.1	-0.5	77	18.7	-40	0	17	0.27	8.6	-8.8	-2.2	24.5	-13	4.0	1.99	-0.75	-1.64	31	28	56
			88	98	90			88	97	87	91		88	97	90		88	97	87	91	94	85	26	18	92	91	70	39	90	90	86	68	74	68			
CEF 180338		CEF 130317	110	102	101	107	134	127	108	112	126	117	98	106	111	108	108	109	116	97	117	103	134	127	125	112	96	111	123	105	116	53	48				
86833852		CEF 130147	90	92	80	80	62	76	88	67	74	86	21	0.35	-3.0	92	9	15.8	4.1	92	33.4	139	30	-65	0.51	33.0	-24.8	-5.0	38.8	-6	23.7	2.97	0.79	1.29	25	11	25
			79	94	84			80	92	80	84		79	94	84		80	92	80	84	90	85	51	46	92	91	65	42	80	90	86	84	89	85			
CEF 190341		CEF 130548	111	104	106	130	124	135	122	90	128	87	78	110	96	127	127	104	89	105	104	89	105	91	95	88	147	100	110	96	88	79	63	94	237	174	
88457189		CEF 110136	97	97	92	93	91	87	96	94	88	94	-7	-0.03	-1.0	139	-15	17.2	5.6	139	28.4	38	49	-22	0.03	5.7	-35.7	-0.5	37.7	-6	3.4	-1.39	-5.77	-0.55	38	17	17
			92	98	94			93	97	92	94		92	98	94		93	97	92	94	96	93	91	93	95	95	91	88	93	95	93	93	94	93			
CEF 200410		CEF 180338	106	104	109	97	134	128	109	101	124	108	106	102	110	111	111	113	107	98	107	98	107	115	105	136	124	106	107	112	112	107	85	91	76		
91041194		CEF 180021	94	95	89	88	87	84	93	89	85	88	31	0.73	-2.9	99	23	17.0	6.4	99	36.9	105	31	-48	1.15	15.7	-29.6	-4.8	35.8	3	24.1	1.89	1.23	-1.31	17		76
			88	96	91			88	95	89	91		88	95	89	91	88	95	89	91	92	91	86	86	92	93	87	86	89	92	91	88	89	88			
DAJ 110069		GCD 090111	81	98	102	97	58	64	90	101	68	96	95	75	93	99	102	98	102	102	98	106	116	79	105	103	59	74	91	88	87	76	66	98	289	276	
73651747		DAJ 080134	98	98	95	95	91	88	97	91	89	90	17	3.57	-0.7	71	24	14.0	4.2	71	33.6	79	74	-2	0.62	14.8	14.2	4.0	26.2	-12	2.5	-1.73	-5.24	-0.25	104	56	181
			93	99	96			95	98	95	96		93	99	96		95	98	95	96	98	95	87	85	96	97	91	86	96	96	95	89	91	89			
DDJ 070221		JH 980246	89	112	68	106	95	89	96	89	87	110	92	91	86	86	94	112	68	86	113	89	98	75	91	99	104	101	86	108	109	105	102	115	173	167	
65564502		GBS 030007	97	98	95	95	92	88	97	92	89	90	13	1.88	0.3	41	13	21.4	-6.2	41	36.4	38	30	4	-0.15	12.1	-11.1	-0.7	23.4	3	21.4	1.20	0.44	1.20	43	30	102
			95	98	96			95	98	95	96		95	98	96		95	98	95	96	96	94	90	90	95	96	91	89	97	95	94	90	91	90			
DDJ 080281		GBS 020133	77	116	70	103	58	67	97	110	73	112	90	78	81	91	96	116	70	91	115	112	108	117	91	109	56	80	82	105	115	124	97	116	164	143	
67559559		GBS 000007	97	97	95	94	92	88	96	92	89	88	10	3.23	1.0	51	17	23.5	-5.5	51	38.1	124	55	-64	-0.15	18.3	16.2	2.9	21.1	1	26.9	3.03	-0.48	1.32	38	35	111
			94	98	95			94	97	95	95		94	98	95		94	97	95	95	96	94	89	88	90	96	91	88	96	95	94	88	88	88			
DDJ 100056		DDJ 030001	113	84	102	123	105	100	92	105	100	84	76	108	111	97	92	84	102	97	92	103	125	103	89	95	119	100	96	87	66	70	94	105	14	13	
71381073		GBS 050096	83	83	73	71	54	68	80	50	64	26	-9	0.18	-3.1	65	-6	6.5	4.2	65	17.7	91	95	-42	-0.30	9.9	-20.0	-0.5	29.4	-13	-16.7	-2.28	-0.95	0.33	8	4	15
			72	86	76			71	83	73	76		72	86	76		71	83	73	76	78	74	32	22	76	83	53	33	75	81	75	25	28	25			
FCT 110316		PHR 040013	73	123	149	79	55	105	137	138	112	135	129	82	80	147	120	123	149	147	124	135	85	116	96	102	82	57	83	115	122	122	98				

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID																																		Comp.nr	Birth	Wean
																																	Grwth Test	Dght & clvs (Weaned)		
JRB 080062		JRB 040054	106	107	84	94	80	88	99	94	87	92	99	105	109	106	107	84	89	111	96	111	104	90	115	107	80	76	109	102	103	80	95	119	114	
66403015		JRB 020111	96	97	94	94	92	87	96	92	88	88	23	0.44	-2.7	31	18.6	-1.2	48	34.8	64	62	-44	-0.26	21.4	-12.9	3.0	17.5	4	15.5	0.97	-3.09	-0.49	38	36	80
JRB 170127		JRB 100062	114	99	103	119	104	115	110	89	110	95	82	110	109	84	99	103	111	93	92	90	109	97	81	128	104	74	107	102	108	102	106	73	49	
85966695		JRB 110128	95	95	91	91	89	85	94	89	86	87	0	-0.06	-2.8	-2	14.2	4.5	100	18.5	50	12	-51	0.14	1.5	-25.1	-1.3	16.1	3	15.1	1.46	0.35	0.43	10	7	10
LAR 180306		LFR 150032	81	116	98	102	99	105	113	124	109	106	103	78	109	96	116	98	115	113	121	110	127	71	72	100	96	103	129	120	119	73	86	67	55	
87755070		LAR 120076	89	92	71	70	52	72	85	56	69	77	27	3.26	-2.8	17	23.3	3.1	110	36.9	158	62	-82	-1.27	-3.7	-8.9	0.2	33.9	20	31.5	2.62	-4.27	-1.22	18	4	4
LFB 180524		LAR 120227	92	109	109	100	71	94	112	94	93	96	100	94	90	97	109	109	118	108	96	111	87	134	103	82	75	96	90	98	118	82	94	90	74	
87743498		JMP 120136	96	96	92	92	91	86	95	91	87	90	23	1.61	-0.3	18	19.8	6.5	117	31.9	65	63	-15	2.23	14.7	1.2	3.9	29.4	-11	11.8	2.50	-2.71	-0.61	10	8	9
LFR 150032		HJL 120124	91	102	95	108	85	89	100	118	93	109	96	87	109	90	102	95	104	110	113	112	97	81	88	102	74	101	91	95	95	95	90	187		
81564882		BEI 070040	98	98	97	96	95	89	98	96	90	95	19	2.30	-2.8	8	16.2	2.3	82	34.0	129	64	-32	-0.75	5.4	-10.1	4.1	32.7	-10	9.3	0.14	-0.77	-0.91	49	37	83
LFR 160001		JRB 950035	112	94	116	131	86	111	115	91	107	105	66	113	90	72	94	116	129	93	92	96	86	116	116	88	85	100	70	81	98	134	113	400	322	
83565234		LFR 130063	98	99	97	97	94	90	98	94	91	96	-22	-0.40	-0.2	-19	12.0	8.6	143	18.9	50	25	-14	1.20	22.5	-2.3	2.0	31.7	-27	-3.1	0.44	5.37	1.08	88	65	144
LFR 160061		FCT 120053	95	110	86	104	139	122	104	114	122	122	89	94	121	95	110	86	100	120	115	106	100	102	138	145	121	107	103	115	111	92	99	339	319	
84845585		BEI 070040	99	99	97	97	96	90	98	96	91	97	9	1.58	-4.4	15	20.3	-0.6	73	43.0	135	51	-36	0.46	35.2	-34.9	-4.4	36.0	-1	27.2	1.81	-1.18	-0.17	62	48	99
LFR 190008		LFR 160061	108	101	98	102	115	112	102	103	110	112	91	106	124	97	101	98	101	111	104	114	86	99	99	119	103	110	84	102	98	92	73	215	169	
88558820		LFR 160067	98	98	95	95	95	89	97	96	90	95	11	0.35	-4.8	17	15.4	3.1	75	34.4	93	70	-14	0.28	12.4	-20.0	-1.2	37.9	-16	15.1	0.52	-1.14	-2.37	73		
LTS 150100		LTS 070126	100	104	86	111	94	97	101	98	96	102	89	100	93	89	104	86	98	107	96	104	100	94	59	98	97	94	115	101	136	101	120	114	103	
84275965		LAR 070004	97	97	94	94	92	88	96	93	89	92	8	0.94	-0.7	6	17.3	-0.6	69	31.3	63	46	-36	0.00	-11.8	-8.0	0.0	28.2	9	14.6	4.33	0.16	1.63	32	23	38
PAD 080159		EI 980080	102	86	69	125	72	61	73	80	60	74	73	102	123	81	86	69	66	88	82	90	77	90	94	78	85	84	59	70	75	88	80	248	218	
69460186		PAD 060074	97	98	94	94	80	86	97	74	84	74	-13	0.81	-4.7	-6	7.3	-5.9	-9	14.3	12	12	1	-0.20	9.1	3.5	2.1	22.3	-36	-13.3	-1.86	-1.89	-1.75	84	60	204
TMB 200231		CEF 130317	100	135	90	80	104	127	136	158	137	150	127	97	115	124	135	90	110	146	151	121	142	116	138	113	91	103	137	133	124	143	137	305	278	
90607383		TMB 180646	98	98	95	95	95	89	97	96	90	96	60	1.29	-3.6	58	33.7	0.6	97	66.2	271	86	-105	1.19	35.4	-16.7	1.0	33.8	26	43.3	3.09	6.91	3.04	70	7	7
VOG 070058		VOG 050039	97	114	67	103	102	98	101	115	101	112	97	95	101	97	114	67	87	116	116	98	108	140	135	129	93	83	91	96	108	103	99	119	83	
65774473		VOG 060001	94	94	85	84	66	79	91	56	74	25	19	1.54	-1.8	18	22.7	-6.3	42	39.0	140	32	-50	2.52	33.7	-25.9	0.7	21.9	-11	10.0	1.53	0.45	-0.10	42	16	56
VWZ 110021		HFN 040124	78	118	90	84	104	98	104	105	98	112	115	74	93	118	118	90	98	113	114	96	129	92	140	102	116	85	124	122	118	99	112	113	77	
73225005		VWZ 050075	96	95	92	92	88	86	94	88	86	84	44	3.74	-0.6	49	24.5	0.5	69	36.2	132	26	-85	-0.12	36.5	-10.5	-3.4	22.8	16	33.1	2.47	-0.08	0.94	17	26	87
ZAM 060006		ZAM 020062	104	93	78	96	75	68	78	87	67	89	94	102	125	104	93	78	73	91	88	87	86	76	94	81	95	76	96	88	96	98	101	125	116	
62796446		ZAM 990021	95	96	88	86	69	81	93	56	76	14	15	0.74	-4.9	28	11.5	-3.1	9	16.9	34	5	-13	-0.99	9.4	1.8	0.3	17.7	-6	2.6	0.33	-0.32	0.03	61	19	83

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																		Comp.nr	Birth
ZAM 100016 70714779		ZAM 040001	107	93	55	115	65	57	74	75	56	71	84	104	118	87	93	55	58	84	82	80	86	120	79	103	60	77	75	80	87	77	74	145	132
		ZAM 050001	95	96	91	91	72	83	94	54	77	10	2	0.57	-4.0	3	11.1	-10.2	-28	10.5	10	-12	-13	1.43	0.2	-10.7	6.5	17.7	-23	-4.4	-0.66	-3.53	-2.23	55	37
ZAM 110022 72898992		JRB 030025	80	121	99	81	103	105	114	92	102	109	117	76	99	122	121	99	106	114	102	76	102	95	111	97	122	85	117	116	117	96	104	21	19
		IVY 980148	86	86	75	74	58	71	82	51	67	23	47	3.47	-1.5	55	26.0	3.5	88	37.6	85	-21	-40	0.02	19.1	-7.5	-4.5	22.6	10	28.1	2.40	-0.56	0.25	12	5
ZAM 110061 73344087		JRB 030025	84	108	101	94	78	85	102	80	82	78	98	79	104	105	108	101	105	97	82	93	82	122	95	90	90	78	83	86	98	59	79	132	123
		ZAM 050001	96	97	92	93	90	87	95	90	88	86	21	3.21	-2.1	29	19.1	4.1	86	22.3	11	19	-7	1.53	9.7	-3.1	1.3	18.7	-16	1.1	0.48	-6.38	-1.85	53	19
ZAM 110134 74068974		ZAM 060006	106	110	93	85	91	99	106	107	100	107	102	103	126	117	110	93	94	106	113	81	111	83	106	92	102	89	119	124	108	89	104	58	55
		ZAM 050090	95	95	93	92	90	86	94	90	87	86	27	0.64	-5.1	48	20.4	1.4	60	30.1	128	-11	-54	-0.63	16.3	-4.6	-0.9	24.9	12	34.6	1.45	-1.74	0.24	26	16
ZAM 120058 75682856		ZAM 080110	84	111	93	81	89	86	99	91	85	98	115	72	106	122	111	93	93	103	96	97	98	102	120	82	106	88	101	108	91	90	89	16	16
		ZAM 990029	90	90	86	85	84	81	89	84	82	82	43	3.89	-2.4	55	20.6	1.7	57	27.3	63	28	-34	0.42	24.7	1.2	-1.6	24.9	-2	21.0	-0.21	-1.52	-1.00	9	1
ZAM 120092 75680744		VOG 070058	87	106	92	103	117	103	98	119	107	112	93	89	85	95	106	92	101	106	117	95	106	119	117	147	103	83	99	100	107	107	105	30	30
		ZAM 080150	86	88	75	75	57	72	84	50	68	18	13	2.15	0.5	15	17.9	1.1	75	30.6	144	24	-46	1.38	22.8	-35.7	-1.1	21.5	-4	13.2	1.34	1.10	0.35	13	5
ZAM 120094 75680769		PAD 080159	128	80	72	139	122	102	83	64	92	65	65	123	116	67	80	72	69	80	68	89	67	132	111	129	116	97	57	59	86	105	74	11	11
		ZAM 020030	90	91	88	88	86	82	90	86	83	84	-24	-1.44	-3.8	-27	4.3	-5.0	-2	7.0	-41	8	17	2.11	19.6	-25.8	-3.3	30.1	-38	-22.9	-0.68	0.85	-2.24	5	4
ZAM 130013 77166346		FCT 090082	93	107	71	117	139	114	97	86	108	99	80	91	111	85	107	71	88	103	89	113	85	129	86	147	132	96	74	92	97	127	95	95	87
		FCT 090206	96	96	94	94	91	87	95	92	88	88	-4	1.94	-3.1	0	18.5	-5.2	45	27.9	37	68	-12	1.91	4.6	-35.7	-6.3	29.3	-24	6.7	0.34	4.24	-0.46	48	25
ZAM 130016 77266633		PAD 080159	97	103	85	102	93	89	94	89	87	92	97	94	104	97	103	85	91	99	93	108	94	94	101	101	104	80	111	105	79	93	113	25	23
		ZAM 030003	92	92	88	88	86	83	91	86	84	83	19	1.63	-2.1	18	16.3	-0.8	51	23.7	53	56	-27	0.00	13.5	-9.7	-1.3	19.7	6	18.0	-1.37	-0.98	1.07	9	4
ZAM 130166 79420246		DDJ 080242	71	108	112	83	95	90	98	116	94	110	121	79	78	118	108	112	107	114	118	111	118	90	130	106	98	88	117	101	108	112	123	17	17
		FCT 090139	91	91	88	87	86	82	90	86	83	83	52	3.16	1.4	48	19.4	7.2	91	37.1	145	64	-66	-0.22	30.7	-12.7	-0.2	24.9	10	14.1	1.51	1.90	1.93	7	3
ZAM 140035 79886552		VOG 070058	107	92	84	127	105	97	92	97	96	93	73	110	84	79	92	84	90	95	100	104	109	120	129	122	100	87	75	78	99	108	102	16	14
		ZAM 090059	91	91	87	87	86	82	90	86	83	83	-13	-0.09	0.6	-10	10.8	-1.0	49	20.3	77	46	-51	1.46	29.9	-21.5	-0.6	24.2	-23	-6.2	0.53	1.36	0.11	5	3
ZAM 140038 79886289		VOG 070058	93	112	82	88	94	92	99	102	93	103	113	91	105	114	112	82	90	109	101	87	101	115	114	101	101	82	104	103	114	88	87	8	8
		ZAM 090023	90	90	87	87	85	81	89	86	82	83	41	1.87	-2.2	43	21.4	-1.7	48	32.8	82	4	-38	1.13	21.4	-9.6	-0.8	21.1	0	16.1	2.08	-1.76	-1.14	3	1
ZAM 140050 79886677		JRB 080062	108	93	86	123	104	98	94	72	91	76	81	105	119	82	93	86	91	92	74	108	91	103	97	108	109	87	101	91	72	96	90	19	17
		FCT 090256	93	93	90	90	88	84	92	88	85	86	-2	0.40	-4.1	-5	11.2	-0.5	50	18.0	-18	56	-22	0.51	11.2	-13.8	-2.2	24.1	-2	5.2	-2.14	-0.59	-0.91	5	7
ZAM 140155 80607401		FCT 110352	74	104	94	102	88	80	91	102	82	107	89	77	71	97	104	94	100	107	100	106	86	100	113	105	80	99	107	102	88	98	110	99	90
		ZAM 110122	96	96	92	92	89	86	95	90	87	86	92	97	93	92	96	92	93	95	93	86	85	88	20.4	-11.7	3.1	31.4	2	15.2	-0.55	-0.22	0.79	43	22

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured			
ID																																		Comp.nr	Birth	Wean	
																																			Grwth Test	Dght & clvs (Weaned)	
ZAM 150149		ZAM 120092	98	104	100	112	118	116	107	96	112	106	83	99	89	87	104	3.0	101	112	100	99	77	88	114	100	145	105	83	108	100	105	119	105	47	45	
82695362		ZAM 110088	93	94	88	89	86	83	92	87	84	83	0	1.08	-0.2	88	95	90	89	94	3.8	88	90	1.11	1.11	12.5	-35.0	-1.5	21.3	3	13.7	1.19	3.03	0.38	21	8	15
ZAM 160026		AG 110341	81	122	93	91	81	97	115	116	100	118	99	69	93	109	122	93	110	124	116	94	114	107	103	104	72	98	110	114	110	100	101	17	15		
84403773		ZAM 120176	91	91	87	87	85	82	90	86	83	84	22	4.23	-0.7	87	92	88	87	91	87	88	90	0.71	0.71	14.4	-11.5	4.4	30.7	5	26.1	1.71	0.05	0.07	5	4	8
ZAM 160053		JRB 080062	117	101	93	118	100	111	109	82	105	99	89	113	110	85	101	93	103	103	83	107	87	108	137	114	93	95	91	91	115	111	95	123	113		
84406230		ZAM 120047	96	97	94	94	91	87	96	92	88	89	8	-0.40	-3.0	-1	15.4	1.5	81	27.9	16	52	-15	0.74	0.74	34.6	-17.3	0.6	28.9	-11	6.1	2.13	1.78	-0.49	54	22	50
ZAM 160130		ZAM 110134	102	105	95	100	79	91	103	99	91	99	90	100	104	99	105	95	100	103	101	94	102	87	104	91	86	83	106	109	112	94	103	47	35		
84408731		ZAM 110019	94	93	89	90	87	84	92	87	85	84	10	0.96	-2.1	89	95	91	90	21	17.6	2.0	74	-0.38	-0.38	15.0	-3.8	1.8	21.5	2	22.0	1.92	-0.97	0.17	16	9	14
ZAM 160144		ZAM 130013	115	89	89	108	106	94	85	85	91	93	84	116	100	91	89	89	84	88	89	99	82	130	85	109	112	90	79	86	112	115	111	20	14		
84408772		ZAM 060098	92	91	88	88	86	82	90	86	83	84	2	-0.74	-1.6	88	93	90	88	91	88	89	85	1.99	1.99	3.8	-14.1	-2.7	25.7	-20	1.2	1.88	2.36	0.86	5	4	9
ZAM 170005		DDJ 080281	74	106	82	109	71	69	91	83	68	94	88	70	64	91	106	82	95	110	89	105	87	85	111	70	86	89	89	99	116	98	120	32	28		
85117711		ZAM 130031	93	93	88	88	86	83	91	86	84	84	8	4.09	3.2	8	18.1	-1.8	61	33.7	37	48	-16	-0.51	-0.51	19.3	8.2	1.9	25.3	-12	13.0	2.28	-0.21	1.64	7	1	1
ZAM 170055		ZAM 110061	125	106	96	94	97	114	112	92	109	88	101	122	133	105	106	96	100	97	100	84	95	119	113	97	98	102	76	94	111	66	79	14	14		
85648368		ZAM 120084	92	92	89	89	87	83	91	88	84	85	25	-1.36	-6.1	29	18.4	2.5	73	22.7	78	-2	-28	1.38	1.38	20.7	-7.5	-0.2	32.8	-22	7.9	1.74	-5.36	-1.87	4	4	6
ZAM 170104		DDJ 080281	84	121	101	93	56	88	119	105	90	124	101	85	92	106	121	101	117	117	105	78	93	97	84	51	71	97	89	118	137	108	106	32	27		
86031788		ZAM 120260	93	93	88	89	87	83	92	88	84	85	25	2.57	-0.5	30	26.1	4.2	114	39.8	99	-17	-25	0.17	0.17	3.3	18.9	4.6	30.0	-12	30.0	4.39	1.30	0.43	13	4	5
ZAM 180023		DDJ 080281	90	112	102	93	108	110	109	81	103	102	100	94	90	106	112	102	109	113	81	109	93	122	125	123	89	111	97	99	114	90	72	14	13		
87240610		HJL 060134	92	92	88	88	87	83	91	88	84	85	23	1.59	-0.2	31	21.5	4.2	96	36.2	7	57	-24	1.52	1.52	27.6	-22.4	1.3	38.4	-6	12.5	2.11	-1.50	-2.39	3	1	1
ZAM 180026		DDJ 070221	105	86	91	120	93	84	83	90	83	102	77	108	86	83	86	91	86	96	88	103	73	108	107	107	92	90	91	89	87	115	130	37	31		
87240644		ZAM 120207	94	93	89	89	88	84	92	88	85	86	-7	0.11	0.3	-3	7.4	0.8	40	21.1	34	42	8	0.76	0.76	17.2	-13.1	0.9	25.7	-11	3.8	-0.59	2.44	2.48	5	3	3
ZAM 180151		AG 110493	110	102	109	110	91	109	113	98	107	107	90	107	107	89	102	109	117	105	96	107	95	93	83	100	84	105	102	97	100	99	97	5	5		
87718664		ZAM 140223	74	76	60	60	43	60	71	45	57	22	59	79	65	60	76	60	65	29.4	62	52	-29	-0.06	-0.06	77	42	26	62	75	67	22	23	22	3	1	1
ZAM 190024		ZAM 160053	92	110	96	102	122	115	107	107	114	114	97	90	98	97	110	96	107	112	101	114	83	111	128	136	105	106	82	99	117	107	117	22	21		
88845102		ZAM 150220	92	92	88	88	87	83	91	88	84	85	19	2.04	-1.3	17	20.0	2.4	90	35.5	85	69	-8	0.91	0.91	29.4	-29.4	-1.4	35.6	-18	13.1	2.33	1.20	1.40	5		
ZAM 190031		ZAM 160053	114	101	106	114	104	117	111	90	112	101	90	116	95	86	101	106	115	99	95	101	91	119	139	113	94	106	82	95	114	98	106	6	4		
88845177		ZAM 140173	90	90	88	87	86	81	89	86	82	84	10	-0.70	-0.9	1	15.2	5.6	109	23.8	59	37	-22	1.40	1.40	36.3	-16.4	0.4	35.4	-17	8.9	2.09	-0.31	0.47	4		
ZAM 190081		ZAM 150149	119	86	99	108	111	101	88	95	99	103	81	120	103	90	86	99	91	85	95	80	95	127	118	115	106	102	71	69	106	143	112	54	28		
88936240		ZAM 090059	95	94	90	89	88	84	93	89	85	87	-2	-1.11	-2.0	89	96	91	89	94	90	91	88	88	88	23.2	-17.5	-1.7	32.8	-26	-13.5	1.30	6.91	0.97	3	1	1

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID																																		Birth	Wean
Comp.nr																																		Grwth Test	Dght & clvs (Weaned)
ZAM 190146 89171474		ZAM 170055 ZAM 160145	135 94	100 94	87 91	98 91	120 90	121 85	104 93	87 90	115 86	93 89	93 14	132 -2.40	138 -6.7	101 23	100 15.2	87 -0.1	89 47	96 21.1	97 70	94 20	93 -26	134 2.20	101 13.7	109 -14.3	119 -3.9	112 38.9	77 -21	102 15.2	109 1.56	98 -0.25	74 -2.28	25	24
ZAM 190208 89604714		DAJ 110069 ZAM 150260	81 96	109 95	107 91	88 91	74 90	84 86	102 94	102 90	85 87	105 90	101 25	80 3.11	98 -1.3	112 39	109 19.5	107 5.8	107 90	114 37.1	99 74	115 72	77 1	83 -0.62	108 17.7	79 3.2	72 4.4	113 39.7	73 -24	89 4.2	94 0.11	88 -1.85	113 1.06	84	51
ZAM 200089 91144170		LFR 160001 ZAM 160145	94 92	110 93	107 89	111 89	99 88	113 83	117 92	92 88	109 84	106 88	82 0	94 1.65	89 -0.1	88 4	110 20.1	107 6.0	124 131	105 29.3	96 63	107 54	91 -22	122 1.54	90 6.7	99 -8.8	93 0.7	110 37.8	89 -12	103 16.6	106 1.24	122 3.59	86 -1.27	20	19
ZAM 210026 92593805		LFR 160001 ZAM 180226	116 91	93 91	117 87	132 86	85 85	112 82	115 90	91 86	108 83	103 85	72 -14	118 -0.91	87 0.1	72 -20	93 11.4	117 9.0	130 146	94 19.4	88 36	99 33	81 -6	122 1.56	102 13.8	82 1.0	85 2.1	107 36.0	81 -18	88 3.0	96 0.30	112 1.88	106 0.43	19	19
ZAM 220047 94492543		LFR 160061 ZAM 160231	100 89	108 89	72 87	106 87	131 86	111 81	96 88	99 86	109 82	109 86	89 9	103 0.62	137 -6.5	94 13	108 19.2	72 -5.0	86 39	108 32.4	101 84	95 23	100 -37	111 0.94	122 25.7	126 -23.7	123 -4.6	112 39.2	95 -7	103 16.7	116 2.26	101 0.15	88 -1.07	2	
ZAM 220064 94492626		LFR 150032 ZAM 190134	118 89	101 88	97 87	102 87	93 86	105 81	106 88	93 86	102 82	90 86	98 21	112 -0.33	120 -4.2	96 17	101 15.7	97 2.7	100 74	102 26.6	95 60	116 76	97 -31	92 -0.14	116 22.2	99 -8.4	80 2.9	119 43.1	84 -16	91 5.5	112 1.89	79 -3.23	81 -1.63	1	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass				
Test Code	Sex	Test number	Sire ID		Cow	Wean	End-									EMA	Fat	Marbling	Carcass	
Test Station		ID	Dam ID		Value	dir	wt	Length	Height	Length/ Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	Eye muscle Area			
201901 D11 M ALEXSWILL FARMS		0463348BON	DDJ 070221 ZAM 120207		84	86	92	89	91	100	107	92	88	73	103	90	87	115	130	102
		ZAM 180026			84	93	19	4	-11	1.15	17.2	0.57	34	8	42	88	-0.59	2.44	2.48	86
		87240644					90	92	91	92	86	89	86	90		86	87	87		
201901 B22 M LEON RIEKERT & SEUNS		0601663BON	LFR 160061 LFR 160067		112	101	109	102	84	131	99	79	104	86	114	103	98	92	73	112
		LFR 190008			89	98	34	15	-16	1.24	12.4	0.81	93	-14	70	96	0.52	-1.14	-2.37	95
		88558820					97	97	97	97	98	94	97	94	96		95	95	95	95
202001 D11 M ALEXSWILL FARMS		0463348BON	ZAM 160053 ZAM 150220		115	110	114	99	82	133	128	78	101	83	114	107	117	107	117	114
		ZAM 190024			83	92	39	13	-18	1.25	29.4	0.81	85	-8	69	88	2.33	1.20	1.40	85
		88845102					90	89	90	90	91	85	89	85	87		85	85	85	85
		ZAM 190081	ZAM 150149 ZAM 090059		101	86	83	69	71	104	118	106	95	95	80	95	106	143	112	103
		88936240			84	94	10	-13	-26	1.17	23.2	0.32	59	-29	-12	89	1.30	6.91	0.97	87
							91	92	92	93	87	90	87	93		87	87	87	87	
202003 D11 M ALEXSWILL FARMS		0463348BON	DAJ 110069 ZAM 150260		84	109	107	89	73	134	108	78	99	77	115	102	94	88	113	105
		ZAM 190208			86	95	32	4	-24	1.25	17.7	0.83	74	1	72	90	0.11	-1.85	1.06	90
		89604714					92	92	93	92	94	89	91	89	93		89	90	89	90
202102 D11 M SCHEEPERS		0357748BON	CEF 180338 CEF 180021		128	104	105	112	107	104	105	98	107	107	98	101	112	107	85	108
		CEF 200410			84	95	31	24	3	1.17	15.7	0.46	105	-48	31	89	1.89	1.23	-1.31	88
		91041194					92	91	92	92	93	86	91	86	86		88	89	88	88
202104 D11 M ALEXSWILL FARMS		0463348BON	LFR 160001 ZAM 160145		113	110	101	103	89	125	90	99	96	91	107	92	106	122	86	106
		ZAM 200089			83	93	27	17	-12	1.23	6.7	0.45	63	-22	54	88	1.24	3.59	-1.27	88
		91144170					91	90	92	91	92	86	90	86	87		87	88	87	88
202202 D11 M ALEXSWILL FARMS		0463348BON	ZAM 170104 ZAM 150017		93	125	107	133	94	140	95	92	110	106	79	83	123	108	97	114
		ZAM 210039			53	68	32	43	-8	1.33	9.8	0.58	118	-47	-15	42	2.98	1.32	-0.34	16
		92593904					66	61	69	65	72	17	60	17	23		15	17	15	
202301 D11 M ALEXSWILL FARMS		0463348BON	LFR 150032 ZAM 160056		97	104	108	103	101	104	96	93	110	107	107	114	103	90	77	105
		ZAM 220019			80	88	33	17	-3	1.17	10.5	0.55	117	-49	53	84	0.97	-1.52	-1.98	84
		94492337					87	86	88	87	88	82	86	82	84		84	84	84	84
		ZAM 220042	LFR 150032 ZAM 130144		111	88	111	104	110	88	90	82	114	104	112	123	110	109	119	116
		94492394			81	89	36	17	5	1.12	6.5	0.74	133	-44	66	86	1.64	1.50	1.52	85
							88	87	89	88	89	84	87	84	85		85	85	85	85

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202302 B22 M ALEXSWILL FARMS		0463348BON																	
		ZAM 230008	LAR 180306 ZAM 160023	113	108	111	120	130	80	84	101	111	116	99	108	115	92	89	100
		95359063		79	86	36	32	21	1.10	3.1	0.40	122	-63	32	84	2.18	-1.25	-1.00	83
						85	86	87	86	88	82	84	82	82		83	83	83	
		ZAM 230009	LFB 180524 ZAM 140207	106	97	88	88	78	121	97	106	84	80	104	80	110	100	101	92
		95359071		50	59	15	3	-21	1.22	11.2	0.31	20	-3	46	32	1.64	0.12	0.05	23
						48	59	68	64	71	16	44	16	30		22	24	22	
		ZAM 230014	JRB 170127 ZAM 180042	102	109	99	109	124	74	99	118	99	112	100	93	103	91	98	88
		95359097		50	59	25	22	16	1.08	12.0	0.10	75	-57	37	28	0.97	-1.43	-0.24	13
						46	58	67	62	70	10	43	10	32		12	14	12	
		ZAM 230016	LFB 180524 ZAM 150008	104	109	108	101	94	112	109	88	108	100	106	107	112	90	102	103
		95359113		51	60	33	15	-8	1.19	18.2	0.65	109	-36	49	35	1.85	-1.52	0.12	25
						52	62	70	66	72	18	49	18	31		24	26	24	
		ZAM 230021	LAR 180306 ZAM 160012	112	119	115	124	128	89	100	97	124	130	84	117	127	85	85	108
		95359154		79	86	40	35	19	1.12	12.7	0.49	171	-85	-2	84	3.37	-2.26	-1.30	83
						85	86	87	86	88	82	84	82	82		83	83	83	
		ZAM 230023	LAR 180306 ZAM 160028	124	125	106	113	123	80	86	112	108	120	99	109	113	86	95	102
		96665047		50	60	31	25	15	1.10	4.1	0.20	110	-70	35	35	1.97	-2.14	-0.50	40
						51	61	69	65	72	19	48	19	24		39	42	39	
		ZAM 230025	LAR 180306 ZAM 160013	98	107	102	109	123	76	92	114	108	121	101	108	109	90	92	101
		95456380		51	60	27	22	15	1.09	7.9	0.18	109	-71	38	34	1.61	-1.59	-0.77	42
						49	61	69	65	71	20	47	20	23		40	43	40	
		ZAM 230027	ZAM 190208 ZAM 160196	92	113	97	90	84	113	104	101	91	85	108	93	102	90	110	98
		95456406		50	60	24	5	-16	1.19	15.1	0.41	45	-13	55	31	0.84	-1.47	0.81	23
						45	60	68	64	71	17	42	17	43		22	24	22	
		ZAM 230034	ZAM 190208 ZAM 170202	90	96	101	95	90	110	98	91	95	84	115	96	91	99	104	97
		95456463		48	58	27	9	-11	1.18	11.3	0.58	61	-10	71	29	-0.18	-0.17	0.26	23
						44	60	68	64	71	14	41	14	40		22	24	22	
		ZAM 230041	ZAM 190208 ZAM 180110	81	102	103	97	89	115	118	90	102	93	109	98	92	85	101	92
		95456521		47	55	29	11	-12	1.20	23.5	0.60	86	-26	58	28	-0.07	-2.32	0.05	22
						43	59	68	64	71	12	40	12	41		21	23	21	
		ZAM 230043	ZAM 190208 ZAM 160090	101	96	94	88	72	133	115	109	88	87	118	88	74	104	96	95
		95456539		80	88	20	3	-25	1.25	22.0	0.27	33	-15	80	85	-1.94	0.70	-0.44	84
						86	87	88	88	89	84	86	84	85		84	84	84	
		ZAM 230045	ZAM 190208 ZAM 180135	105	99	97	92	85	115	109	92	91	78	114	90	99	107	104	101
		95456554		79	87	23	6	-15	1.20	18.4	0.57	44	0	71	84	0.59	1.21	0.32	83
						85	86	88	87	88	83	85	83	84		83	83	83	
		ZAM 230046	ZAM 190208 ZAM 180248	83	92	103	94	91	107	115	84	101	86	123	102	88	94	116	99
		95456562		48	58	29	9	-10	1.18	21.7	0.72	84	-14	91	28	-0.53	-0.89	1.31	21
						44	59	68	64	71	12	41	12	39		20	22	20	
202302 D11 M		0463348BON																	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202302 D11 M	ALEXSWILL FARMS	0463348BON ZAM 220064 94492626	 LFR 150032 ZAM 190134	105	101	97	91	84	114	116	107	95	97	116	93	112	79	81	90
				81	88	23 88	6 88	-16 89	1.19 88	22.2 89	0.30 85	60 88	-31 85	76 86	86	1.89 85	-3.23 86	-1.63 85	86
202303 B22 M	ALEXSWILL FARMS	0463348BON ZAM 230106 96179296	CEF 190341 ZAM 170079	103	104	93	89	90	101	93	110	91	94	108	91	83	77	91	90
				56	70	19 54	4 52	-11 55	1.16 54	8.5 56	0.24 44	46 52	-27 44	54 38	49	-1.03 44	-3.60 47	-0.79 44	46
202304 D11 M	ALEXSWILL FARMS	0463348BON ZAM 220100 94496387	ZAM 190031 ZAM 190054	102	101	101	96	93	106	127	98	97	92	100	92	102	87	102	99
				50	65	27 64	10 57	-9 66	1.17 62	29.1 70	0.46 14	68 57	-24 14	36 20	39	0.84 21	-1.96 23	0.09 21	22
202305 B22 M	ALEXSWILL FARMS	0463348BON ZAM 230107 96088638	 LFR 190008 ZAM 160001	91	96	101	106	101	107	99	92	109	104	103	102	98	85	78	94
				80	88	27 87	19 88	-2 89	1.17 88	12.4 89	0.57 84	111 86	-43 84	43 86	86	0.45 85	-2.30 85	-1.90 85	85
		ZAM 230113 96091905	 LFR 190008 ZAM 170090	97	108	121	106	90	126	106	76	109	92	129	119	108	109	87	121
				81	89	45 87	19 88	-11 89	1.23 88	16.6 89	0.86 84	113 87	-23 84	106 93	86	1.47 85	1.44 85	-1.15 85	85
		ZAM 230114 96088729	 ZAM 170010	101	103	95	97	99	98	118	129	78	89	106	78	106	85	111	93
				77	85	21 82	11 84	-4 85	1.15 84	23.5 86	-0.09 81	-5 82	-18 81	51 92	82	1.31 81	-2.35 81	0.85 81	81
		ZAM 230116 96179254	 CEF 190341 ZAM 200177	103	110	89	86	76	122	95	109	82	79	86	76	101	80	85	88
				80	89	16 86	1 87	-22 88	1.22 88	9.8 89	0.26 85	13 86	-2 85	3 93	86	0.79 85	-3.12 85	-1.30 85	85
		ZAM 230117 96179262	 CEF 190341 ZAM 200137	111	99	83	79	94	78	87	120	78	82	100	82	85	88	105	86
				80	89	11 86	-5 87	-8 88	1.09 88	4.8 89	0.06 85	-4 86	-6 85	35 93	86	-0.85 85	-1.81 85	0.37 85	85
		ZAM 230118 96179247	 CEF 190341 ZAM 200127	118	108	93	98	111	78	86	118	88	96	103	85	116	72	112	85
				80	88	20 86	12 87	6 88	1.09 88	4.4 89	0.09 85	34 86	-31 85	43 93	86	2.26 85	-4.37 85	0.98 85	85
		ZAM 230121 96087853	ZAM 170005 ZAM 170223	93	108	93	95	87	115	112	110	88	90	102	82	102	105	110	97
				52	68	19 47	9 60	-13 68	1.20 64	19.8 71	0.23 18	35 44	-20 18	41 89	32	0.89 18	0.91 19	0.75 18	18
		ZAM 230123 96087879	 ZAM 190208 ZAM 180213	87	115	113	97	90	113	109	79	103	85	109	109	100	109	131	116
				80	89	38 86	11 87	-11 88	1.19 88	18.4 89	0.80 84	90 85	-12 84	59 93	85	0.70 84	1.50 84	2.53 84	84
		ZAM 230130 96087945	 ZAM 190081 ZAM 200212	106	106	108	101	88	123	118	88	107	100	96	107	122	136	118	120
				79	88	33 85	15 86	-13 88	1.22 87	23.5 88	0.63 83	107 85	-36 83	26 93	84	2.89 83	5.72 83	1.50 83	83

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202305 B22 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 230133	LFR 190008	107	95	97	99	94	109	96	100	97	93	107	94	88	91	80	92
		96091897	ZAM 170109	53	70	23	13	-8	1.18	10.2	0.43	66	-25	53	36	-0.50	-1.44	-1.75	32
		ZAM 230136	ZAM 190081	94	92	92	81	87	95	115	100	94	90	85	95	101	115	106	103
		96087994	ZAM 200171	51	67	18	-3	-14	1.14	21.5	0.42	56	-19	0	30	0.75	2.42	0.46	20
		ZAM 230138	ZAM 190081	94	90	85	75	82	93	107	104	90	86	83	91	94	113	104	95
		96088018	ZAM 200174	51	67	12	-9	-17	1.13	17.2	0.35	41	-14	-6	29	0.12	2.09	0.25	20
		ZAM 230146	ZAM 190081	98	98	99	87	77	121	113	84	108	97	112	105	105	143	122	108
		96088075	ZAM 200135	80	88	25	2	-21	1.21	20.3	0.71	110	-32	66	84	1.14	6.91	1.83	84
		ZAM 230158	ZAM 190081	98	94	90	88	86	106	103	103	100	101	105	96	101	132	105	98
		96088117	ZAM 170076	51	68	17	3	-14	1.17	14.5	0.36	79	-39	47	28	0.79	5.08	0.34	14
		ZAM 230161	ZAM 190146	118	114	116	118	104	119	118	87	112	106	118	104	89	109	92	110
		96088141	ZAM 190038	79	88	41	29	0	1.21	23.5	0.65	125	-46	79	84	-0.37	1.48	-0.70	83
		ZAM 230166	ZAM 190146	106	99	98	95	83	123	98	91	98	87	79	94	100	90	91	101
		96217369	ZAM 200037	50	67	24	9	-16	1.22	11.5	0.59	71	-16	-15	28	0.72	-1.55	-0.83	22
202306 B22 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 230176	ZAM 180026	98	93	99	95	95	101	120	100	97	94	125	95	93	112	123	108
		96235262	ZAM 140008	79	88	25	9	-7	1.16	24.6	0.42	66	-26	96	84	-0.03	1.97	1.90	82
		ZAM 230179	ZAM 180026	89	90	96	99	106	89	101	99	94	88	113	94	93	103	115	100
		96564562	ZAM 150034	53	69	22	13	1	1.12	13.3	0.44	56	-17	66	32	-0.06	0.52	1.20	20
		ZAM 230181	ZAM 180026	95	92	98	102	107	91	98	100	92	86	100	91	94	109	114	102
		96564588	ZAM 190120	51	67	24	16	3	1.13	11.4	0.42	48	-14	36	32	0.11	1.53	1.14	22
		ZAM 230192	ZAM 190081	91	86	93	90	87	107	104	99	99	96	77	98	108	122	110	105
		96564687	ZAM 170154	51	68	20	5	-13	1.17	14.9	0.44	75	-30	-20	29	1.51	3.50	0.80	12
		ZAM 230195	ZAM 190081	97	95	93	89	89	103	102	102	93	90	80	93	108	121	108	104
		96564711	ZAM 200108	50	67	20	4	-12	1.16	14.3	0.39	54	-20	-12	27	1.52	3.30	0.66	10
202311 B22 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 230052	ZAM 190208	102	113	110	100	93	111	110	84	101	87	119	103	96	91	110	106
		96088208	ZAM 170247	49	59	35	13	-8	1.19	19.0	0.71	83	-15	82	28	0.24	-1.34	0.79	22

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle Area			Value
202311 B22 M																			
ALEXSWILL FARMS																			
0463348BON																			
ZAM 230053																			
96088216																			
ZAM 190208																			
ZAM 180272																			
ZAM 230055																			
96088232																			
ZAM 190208																			
ZAM 180111																			
ZAM 230062																			
96088281																			
ZAM 190146																			
ZAM 200006																			
ZAM 230065																			
96088315																			
ZAM 190146																			
ZAM 200010																			
ZAM 230067																			
96088331																			
ZAM 190208																			
ZAM 180212																			
ZAM 230074																			
96088398																			
ZAM 190146																			
ZAM 200062																			
ZAM 230077																			
96088422																			
ZAM 190146																			
ZAM 200041																			
ZAM 230082																			
96088471																			
ZAM 190146																			
ZAM 200043																			
ZAM 230087																			
96088513																			
ZAM 190146																			
ZAM 200005																			
202501 D11 M																			
ALEXSWILL FARMS																			
0463348BON																			
ZAM 240008																			
97225692																			
CEF 190341																			
ZAM 140207																			
ZAM 240017																			
97225775																			
CEF 190341																			
ZAM 160196																			
ZAM 240021																			
97225783																			
CEF 190341																			
ZAM 150008																			
ZAM 240024																			
97225817																			
LFR 190008																			
ZAM 190126																			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202501 D11 M																			
ALEXSWILL FARMS		0463348BON																	
		ZAM 240026																	
		97227367	LFR 190008 ZAM 190070	103	115	111	108	93	125	96	81	113	101	113	107	110	68	86	105
				81	89	36	21	-9	1.23	10.6	0.77	128	-39	68		1.64	-5.07	-1.24	
						89	88	89	88	90	85	88	85	86	87	85	85	85	85
		ZAM 240027	LFR 190008 ZAM 190127	111	112	108	106	86	133	96	83	99	82	116	97	103	103	90	114
		97225825		80	89	33	19	-14	1.25	10.4	0.73	74	-7	75		0.95	0.46	-0.88	
					89	88	88	89	88	89	84	87	84	85	86	85	85	85	85
		ZAM 240030	LFR 160001 ZAM 170249	98	103	96	96	95	102	110	110	91	93	98	91	109	124	118	105
		97227375		81	89	22	10	-7	1.16	18.9	0.25	45	-25	30		1.57	3.81	1.49	
					89	88	87	88	88	89	83	87	83	84	86	85	85	85	85
		ZAM 240032	LFR 190008 ZAM 190132	101	107	103	100	98	103	97	92	97	87	103	94	93	84	84	101
		97225866		53	70	29	14	-4	1.16	10.7	0.56	66	-15	42		-0.04	-2.52	-1.43	
						68	64	71	68	73	20	63	20	49	44	36	39	36	38
		ZAM 240033	LFR 160001 ZAM 170145	116	103	109	99	90	116	120	70	114	94	110	109	107	129	129	120
		97227383		81	89	34	13	-11	1.20	24.5	0.96	131	-27	60		1.38	4.62	2.39	
					89	88	88	89	88	89	84	87	84	84	86	85	85	85	85
		ZAM 240035	LFR 190008 ZAM 190262	103	105	107	103	97	109	113	84	104	91	106	102	98	97	89	109
		97225882		53	69	33	16	-6	1.18	20.6	0.72	95	-22	49		0.50	-0.47	-0.97	
						68	64	71	68	73	18	63	18	47	43	32	34	32	33
		ZAM 240038	LFR 160001 ZAM 180105	99	100	99	93	100	89	114	97	107	106	119	104	95	113	108	101
		97225577		57	70	25	7	-3	1.13	21.0	0.48	104	-46	81		0.14	2.15	0.63	
						68	64	71	68	73	21	63	21	32	44	44	46	44	45
		ZAM 240039	LFR 190008 ZAM 180008	106	97	100	99	94	110	102	89	102	93	107	98	93	90	87	100
		97227326		53	70	26	13	-8	1.18	13.9	0.62	88	-25	54		-0.02	-1.55	-1.19	
						67	63	70	66	73	16	62	16	46	42	31	34	31	32
		ZAM 240044	LFR 160001 ZAM 130208	105	91	91	86	86	104	109	104	90	87	95	88	95	114	105	98
		97225627		58	71	18	2	-14	1.17	17.9	0.34	41	-16	24		0.21	2.29	0.41	
						69	65	72	68	74	20	65	20	31	44	44	45	44	44
		ZAM 240049	ZAM 170005 ZAM 180033	86	99	99	97	100	96	118	102	105	107	121	101	107	106	117	101
		97577043		51	68	26	11	-3	1.14	23.4	0.39	97	-48	86		1.34	1.07	1.38	
						63	59	68	64	70	16	57	16	34	40	15	17	15	16
		ZAM 240051	ZAM 200089 ZAM 190134	107	122	120	120	107	116	108	91	110	106	113	109	121	94	86	113
		97577050		79	88	44	31	3	1.20	17.7	0.58	117	-46	67		2.83	-0.82	-1.27	
						87	86	88	87	88	83	86	83	83	85	83	84	83	84
		ZAM 240058	ZAM 170005 ZAM 160089	82	100	93	102	99	105	102	106	89	87	104	83	102	97	105	92
		97577092		52	68	20	16	-4	1.17	14.0	0.31	37	-15	44		0.92	-0.38	0.38	
						63	58	67	62	70	16	56	16	34	40	16	17	16	16
		ZAM 240063	ZAM 200089 ZAM 190159	96	108	100	99	94	109	93	92	99	90	91	95	96	101	90	100
		97577126		51	67	26	12	-8	1.18	8.9	0.57	74	-20	15		0.26	0.26	-0.88	
						64	60	68	64	71	17	58	17	24	40	31	33	31	32
202502 D11 M																			
0463348BON																			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202502 D11 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 240066																	
		97577142	ZAM 200089 ZAM 160090	124	95	93	90	82	117	91	96	96	88	108	94	95	143	101	110
				79	88	20	5	-17	1.20	7.3	0.50	62	-18	56	84	0.14	6.91	0.05	83
						87	86	87	86	88	82	86	82	83		83	83	83	
		ZAM 240067																	
		97577159	ZAM 200089 ZAM 180248	103	101	104	103	98	106	94	88	101	90	128	102	102	117	126	112
				79	87	30	16	-4	1.17	9.4	0.64	82	-19	103	84	0.90	2.78	2.14	83
						86	86	87	86	88	82	85	82	82		83	83	83	
		ZAM 240069																	
		97577167	LFR 160061 ZAM 170087	117	108	106	109	92	127	123	89	105	97	108	100	106	104	106	114
				58	71	32	21	-9	1.23	26.5	0.62	99	-32	54	48	1.28	0.69	0.41	47
						67	64	70	67	73	28	63	28	49		46	48	46	
		ZAM 240070																	
		97577175	LFR 160061 ZAM 160171	104	110	108	104	91	122	114	89	107	100	110	108	93	96	98	115
				81	89	33	17	-10	1.22	21.0	0.62	104	-36	60	87	0.03	-0.55	-0.19	86
						89	88	89	88	89	85	88	85	86		86	86	86	
		ZAM 240076																	
		97577233	TMB 200231 ZAM 210049	105	107	108	89	113	64	74	101	101	101	105	121	110	117	114	114
				49	60	33	4	7	1.05	-2.8	0.40	83	-38	48	47	1.71	2.76	1.11	48
						67	63	70	66	72	27	62	27	27		46	49	47	
		ZAM 240078																	
		97577258	TMB 200231 ZAM 210146	113	116	124	117	115	99	101	78	128	120	135	131	105	128	138	132
				81	89	47	29	9	1.15	13.3	0.81	184	-69	120	86	1.17	4.46	3.12	86
						88	88	89	88	89	84	87	84	85		86	86	86	
		ZAM 240081																	
		97577274	TMB 200231 ZAM 210044	108	109	112	108	111	92	127	101	115	120	116	117	101	131	119	119
				81	89	37	20	6	1.13	29.0	0.41	135	-70	75	86	0.77	4.95	1.52	86
						88	88	89	88	89	84	88	84	85		86	86	86	
202503 D11 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 240107																	
		97912133	CEF 200410 ZAM 130074	119	102	89	93	100	89	91	125	74	80	86	72	102	91	82	88
				80	89	16	7	-3	1.12	7.2	-0.04	-20	-3	2	86	0.90	-1.32	-1.59	
						88	87	88	88	89	83	87	83	84		84	84	84	84
		ZAM 240110																	
		97912166	ZAM 190024 ZAM 210122	108	108	116	111	102	111	106	80	109	95	109	114	118	106	114	115
				49	66	41	23	-1	1.19	16.6	0.79	114	-28	58	36	2.49	0.98	1.12	8
						64	57	66	62	70	7	57	7	28		8	9	8	
		ZAM 240112																	
		97912182	LFR 190008 ZAM 170223	122	99	92	92	78	127	86	89	89	72	88	85	80	97	97	97
				81	89	19	6	-20	1.23	4.2	0.62	37	9	6	87	-1.30	-0.36	-0.32	86
						89	88	89	88	90	85	88	85	86		85	86	85	
		ZAM 240115																	
		97912216	LFR 190008 ZAM 170188	105	102	108	107	104	103	93	85	106	95	114	105	98	100	95	109
				53	70	33	20	0	1.16	8.8	0.69	100	-28	69	42	0.44	0.01	-0.51	34
						67	63	70	66	72	18	62	18	47		32	35	32	
		ZAM 240119																	
		97912257	LFR 190008 ZAM 170010	104	95	95	90	81	120	114	99	97	94	95	91	92	94	83	97
				54	71	21	5	-19	1.21	20.9	0.43	69	-27	24	44	-0.07	-0.83	-1.52	34
						68	65	72	68	74	20	63	20	51		33	35	33	
		ZAM 240120																	
		97912265	ZAM 190024 ZAM 210134	110	101	103	97	74	140	116	91	94	83	116	92	116	125	115	109
				79	88	29	11	-24	1.28	22.2	0.58	58	-8	76	85	2.24	4.05	1.23	83
						87	86	88	87	88	83	86	83	84		83	83	83	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle Area			Value
202503 D11 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 240121	LFR 190008	101	104	105	116	106	113	95	86	103	91	98	94	108	112	77	112
		97912281	ZAM 160199	81	89	31	28	1	1.19	9.7	0.67	89	-22	30		1.49	1.88	-1.98	
						88	88	89	88	89	84	88	84	86	86	85	85	85	85
		ZAM 240122	LFR 190008	92	84	94	89	69	140	110	96	95	87	105	92	92	94	94	97
		97980320	ZAM 140173	81	89	21	4	-27	1.27	18.5	0.50	59	-15	48		-0.10	-0.86	-0.56	
						88	88	89	88	89	84	88	84	86	86	85	85	85	85
		ZAM 240129	LFR 190008	114	106	95	84	73	126	96	91	90	76	105	88	98	114	104	104
		97980387	ZAM 170078	81	89	21	-1	-25	1.23	10.4	0.58	41	4	48		0.49	2.30	0.25	
						89	88	89	88	90	85	88	85	87	87	85	85	85	85
		ZAM 240135	CEF 200410	109	109	106	104	103	101	96	99	101	99	108	102	108	102	90	109
		98252646	ZAM 180144	51	69	32	17	-1	1.16	10.5	0.44	83	-35	55		1.49	0.42	-0.86	
						65	61	69	65	71	18	59	18	21	42	33	36	33	34
		ZAM 240143	ZAM 190024	112	103	100	87	73	131	114	91	93	80	104	95	106	111	110	106
		98252711	ZAM 210028	49	66	26	2	-25	1.24	21.0	0.58	52	-4	46		1.31	1.72	0.82	
						64	58	67	62	70	12	58	12	30	38	23	24	23	24
		ZAM 240147	LFR 190008	92	94	90	82	66	137	110	100	86	77	109	84	88	85	78	96
		98252752	ZAM 200043	81	89	17	-2	-30	1.26	18.6	0.43	26	2	58		-0.50	-2.28	-1.92	
						88	88	89	88	89	84	88	84	86	86	85	85	85	85
		ZAM 240148	CEF 200410	123	111	108	104	101	105	116	87	104	94	91	101	114	106	95	114
		98252760	ZAM 200010	79	88	34	17	-3	1.17	22.2	0.66	96	-27	15		2.11	1.06	-0.48	
						87	86	88	87	88	83	86	83	84	85	84	84	84	84
202601 D11 M																			
ALEXSWILL FARMS																			
		0463348BON																	
		ZAM 250004	LFR 190008	90	84	89	86	82	111	89	98	100	96	98	100	92	88	81	89
		98958416	ZAM 170098	53	69	16	1	-17	1.18	6.0	0.46	79	-31	30		-0.13	-1.85	-1.69	
						67	64	71	68	73	20	62	20	48	44	32	35	32	34
		ZAM 250006	LFR 190008	106	103	100	92	89	106	113	97	94	88	96	95	101	97	82	100
		98958432	ZAM 190191	52	69	26	6	-12	1.17	20.5	0.47	58	-17	25		0.83	-0.36	-1.58	
						68	63	70	66	73	18	63	18	48	43	32	35	32	34
		ZAM 250007	TMB 200231	117	121	132	119	118	98	127	79	132	125	113	138	116	128	120	137
		98958440	ZAM 200138	54	69	55	31	11	1.15	29.2	0.81	198	-78	68		2.26	4.47	1.66	
						68	64	71	68	73	25	63	25	29	46	49	51	49	50
		ZAM 250014	TMB 200231	115	122	134	125	123	98	115	82	127	122	117	133	117	127	125	139
		98970833	ZAM 200063	53	70	57	36	15	1.15	21.9	0.75	182	-72	77		2.38	4.30	2.02	
						68	63	70	66	73	24	63	24	28	46	45	47	45	46
		ZAM 250016	TMB 200231	123	119	135	121	119	98	130	74	137	129	109	143	113	134	123	143
		98970858	ZAM 200006	54	70	58	32	12	1.15	30.9	0.89	221	-85	58		2.03	5.37	1.88	
						68	64	71	68	73	25	63	25	35	46	49	51	49	50
		ZAM 250017	TMB 200231	110	119	127	117	121	90	132	88	118	115	113	123	112	126	119	132
		98970866	ZAM 200062	54	70	51	29	13	1.13	32.0	0.63	148	-62	67		1.87	4.19	1.55	
						68	64	71	68	73	24	63	24	35	46	49	51	49	50

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202601 D11 M ALEXSWILL FARMS	M	0463348BON																	
		ZAM 250018	LFR 190008	112	108	121	110	97	119	111	74	117	102	114	120	107	98	96	121
		98970874	ZAM 150008	54	71	45	22	-5	1.21	19.2	0.89	144	-40	69	44	1.41	-0.30	-0.38	34
						69	66	72	69	74	19	64	19	47		32	35	32	
		ZAM 250019	LFR 190008	115	97	100	101	91	118	98	91	101	92	94	95	98	86	77	98
		98970882	ZAM 190131	52	69	27	15	-10	1.21	11.4	0.59	82	-24	22	42	0.49	-2.20	-2.00	32
						67	63	71	67	73	17	62	17	51		31	34	31	
		ZAM 250020	LFR 190008	107	96	101	99	88	121	94	91	93	80	111	91	97	95	88	102
		98970890	ZAM 170198	54	71	27	13	-13	1.21	9.3	0.58	52	-4	63	45	0.35	-0.79	-1.08	36
						68	64	71	68	73	22	63	22	48		34	38	35	
		ZAM 250022	TMB 200231	115	120	137	121	118	101	132	73	138	129	131	146	117	137	131	143
		98970916	ZAM 200113	54	70	60	33	11	1.16	31.9	0.91	222	-84	111	46	2.33	5.95	2.54	50
						68	64	71	68	73	25	63	25	29		49	51	49	
		ZAM 250023	TMB 200231	103	123	129	122	129	84	138	82	129	125	111	132	110	125	121	134
		98970924	ZAM 200030	53	70	52	33	20	1.11	35.3	0.74	188	-77	62	46	1.66	3.93	1.73	46
						68	64	71	68	73	23	63	23	26		45	47	45	
		ZAM 250026	TMB 200231	114	120	126	119	122	90	123	92	119	119	107	122	115	127	113	130
		98970957	ZAM 200049	53	70	49	30	14	1.13	26.3	0.58	152	-68	53	46	2.21	4.26	1.08	46
						68	64	71	68	73	23	63	23	35		45	47	45	
		ZAM 250027	TMB 200231	113	121	129	122	121	96	124	82	129	124	113	134	117	129	124	135
		98970965	ZAM 200212	53	70	53	33	13	1.14	26.9	0.74	188	-77	66	45	2.40	4.58	1.96	46
						67	64	71	68	73	23	62	23	34		45	47	45	
		ZAM 250030	LFR 190008	103	105	108	104	94	117	103	90	99	88	125	100	104	103	87	109
		98970999	ZAM 180163	53	70	33	17	-8	1.20	14.8	0.60	74	-17	95	42	1.07	0.53	-1.19	32
						68	64	71	68	73	17	63	17	48		31	34	31	
		ZAM 250032	LFR 190008	103	97	99	96	85	121	107	95	95	86	117	92	95	95	83	99
		98971013	ZAM 190057	53	70	26	11	-15	1.21	17.1	0.52	59	-13	77	42	0.18	-0.80	-1.47	34
						67	63	70	66	73	18	62	18	47		32	35	32	
		ZAM 250040	LFR 190008	107	114	108	106	98	111	101	92	97	87	104	96	100	93	85	109
		98971062	ZAM 180212	53	70	33	19	-4	1.19	13.3	0.57	68	-16	45	42	0.66	-0.97	-1.30	32
						68	64	71	68	74	17	63	17	51		31	34	31	
		ZAM 250043	LFR 190008	115	103	108	101	86	127	98	87	93	77	106	95	103	94	82	110
		98971096	ZAM 180103	53	70	33	15	-14	1.23	11.4	0.66	54	1	51	42	0.99	-0.85	-1.62	32
						67	63	70	66	73	17	62	17	46		31	34	31	
		ZAM 250046	LFR 190008	107	103	110	112	105	109	110	92	103	97	107	100	103	96	90	111
		98971120	ZAM 150170	53	70	35	24	0	1.18	18.8	0.56	91	-32	52	44	1.01	-0.63	-0.86	34
						68	64	71	68	73	20	63	20	46		33	36	33	
		ZAM 250048	LFR 190008	116	116	109	115	103	116	107	92	102	95	87	96	105	91	85	112
		98971146	ZAM 150035	54	71	35	27	-1	1.20	16.8	0.58	88	-28	4	42	1.21	-1.40	-1.33	32
						69	64	71	68	74	16	63	16	47		30	33	31	
		ZAM 250049	LFR 190008	123	127	128	117	96	132	106	69	116	96	104	121	113	104	98	133
		98971153	ZAM 190038	53	70	51	28	-7	1.25	16.4	0.99	140	-30	46	42	2.03	0.72	-0.24	32
						68	64	71	68	73	17	63	17	52		31	34	31	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202601 D11 M ALEXSWILL FARMS		0463348BON																	
		ZAM 250051	LFR 190008	100	98	102	100	91	115	91	93	96	87	115	94	102	97	87	101
		98971179	ZAM 180227	52	69	28	14	-10	1.20	7.5	0.55	65	-15	72	42	0.89	-0.35	-1.11	32
		ZAM 250058	LFR 190008	122	110	121	121	118	100	92	87	110	103	118	114	111	103	97	123
		98971245	ZAM 170016	51	67	46	32	11	1.16	8.2	0.65	117	-41	79	41	1.76	0.53	-0.33	32
		ZAM 250059	LFR 190008	105	105	108	107	101	108	123	93	107	103	113	103	102	107	91	112
		98971252	ZAM 190157	53	70	33	20	-2	1.18	26.7	0.55	105	-41	67	44	0.88	1.22	-0.83	40
		ZAM 250060	LFR 190008	103	94	100	98	90	114	92	87	100	87	99	97	89	83	82	99
		98971260	ZAM 190242	53	70	26	12	-11	1.19	7.8	0.65	78	-16	34	44	-0.43	-2.58	-1.60	38
		ZAM 250068	LFR 190008	109	106	106	102	95	112	109	93	99	91	114	97	104	100	83	108
		98971336	ZAM 180145	53	70	32	15	-7	1.19	18.0	0.54	74	-22	69	42	1.05	0.06	-1.51	32
		ZAM 250071	CEF 200410	112	110	117	113	108	105	123	87	120	116	108	120	118	111	98	120
		98971369	ZAM 200161	50	68	42	25	3	1.17	26.4	0.65	154	-63	56	41	2.51	1.79	-0.19	34
		ZAM 250073	CEF 200410	126	118	113	118	114	103	119	94	109	107	85	104	120	108	97	118
		98971385	ZAM 160012	52	70	38	30	8	1.16	24.1	0.53	114	-48	0	42	2.71	1.26	-0.34	34
		ZAM 250075	CEF 200410	111	102	97	100	93	113	92	100	97	94	101	91	105	93	88	97
		98971401	ZAM 170084	52	70	24	14	-9	1.19	7.9	0.42	67	-26	39	42	1.22	-1.09	-1.08	34
		ZAM 250080	LFR 190008	112	105	114	114	111	102	105	80	116	105	102	117	106	96	90	116
		98971450	ZAM 220016	52	69	39	26	5	1.16	15.7	0.79	140	-45	40	44	1.29	-0.63	-0.87	39
		ZAM 250082	CEF 200410	109	93	98	103	99	106	102	97	101	98	101	97	102	105	93	102
		98971476	ZAM 180011	51	69	24	16	-4	1.17	14.0	0.47	84	-34	39	42	0.84	0.78	-0.63	34
		ZAM 250095	LFR 190008	99	100	100	99	90	116	93	94	95	87	110	93	96	88	75	100
		99049686	ZAM 180183	53	70	26	13	-11	1.20	8.4	0.52	62	-15	61	43	0.31	-1.80	-2.16	34
		ZAM 250096	ZAM 210026	117	96	94	93	88	109	104	101	94	90	94	92	95	100	98	99
		99695983	ZAM 220051	49	66	21	7	-12	1.18	15.4	0.40	56	-21	20	40	0.20	0.11	-0.19	32
						63	58	67	62	70	17	57	17	31		32	33	32	32

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
ZAM 180026	87240644	1	 DDJ 070221 ZAM 120207		105	86	91	120	93	84	83	90	83	102	77	108	86	83	86	91	86	96	88	103	73	108	107	107	92	90	91	89	87	115	130
					94	93	89	89	88	84	92	88	85	86	-7	0.11	0.3	-3	7.4	0.8	40	21.1	34	42	8	0.8	17.2	-13.1	0.9	25.7	-11	4	-0.59	2.44	2.48
LFR 190008	88558820	1	 LFR 160061 LFR 160067		108	101	98	102	115	112	102	103	110	112	91	106	124	97	101	98	101	111	104	114	86	99	99	119	103	110	84	102	98	92	73
					98	98	95	95	95	89	97	96	90	95	11	0.35	-4.8	17	15.4	3.1	75	34.4	93	70	-14	0.3	12.4	-20.0	-1.2	37.9	-16	15	0.52	-1.14	-2.37
ZAM 190024	88845102	2	 ZAM 160053 ZAM 150220		92	110	96	102	122	115	107	107	114	114	97	90	98	97	110	96	107	112	101	114	83	111	128	136	105	106	82	99	117	107	117
					92	92	88	88	87	83	91	88	84	85	19	2.04	-1.3	17	20.0	2.4	90	35.5	85	69	-8	0.9	29.4	-29.4	-1.4	35.6	-18	13	2.33	1.20	1.40
ZAM 190081	88936240	4	 ZAM 150149 ZAM 090059		119	86	99	108	111	101	88	95	99	103	81	120	103	90	86	99	91	85	95	80	95	127	118	115	106	102	71	69	106	143	112
					95	94	90	89	88	84	93	89	85	87	-2	-1.11	-2.0	7	7.3	3.4	50	11.7	59	-12	-29	1.8	23.2	-17.5	-1.7	32.8	-26	-13	1.30	6.91	0.97
ZAM 190208	89604714	 DAJ 110069 ZAM 150260		81	109	107	88	74	84	102	102	85	105	101	80	98	112	109	107	107	114	99	115	77	83	108	79	72	113	73	89	94	88	113	
				96	95	91	91	90	86	94	90	87	90	25	3.11	-1.3	39	19.5	5.8	90	37.1	74	72	1	-0.6	17.7	3.2	4.4	39.7	-24	4	0.11	-1.85	1.06	
CEF 200410	91041194	5	 CEF 180338 CEF 180021		106	104	109	97	134	128	109	101	124	108	106	102	110	101	104	109	111	113	107	98	107	115	105	136	124	106	107	112	112	107	85
					94	95	89	88	87	84	93	89	85	88	31	0.73	-2.9	23	17.0	6.4	99	36.9	105	31	-48	1.1	15.7	-29.6	-4.8	35.8	3	24	1.89	1.23	-1.31
ZAM 200089	91144170	 LFR 160001 ZAM 160145		94	110	107	111	99	113	117	92	109	106	82	94	89	88	88	110	107	124	105	96	107	91	122	90	99	93	110	89	103	106	122	86
				92	93	89	89	88	83	92	88	84	88	0	1.65	-0.1	4	20.1	6.0	131	29.3	63	54	-22	1.5	6.7	-8.8	0.7	37.8	-12	17	1.24	3.59	-1.27	
ZAM 210039	92593904	2	ZAM 170104 ZAM 150017		86	125	94	83	68	93	119	83	89	114	118	85	101	119	125	94	107	117	110	79	106	118	95	76	74	94	94	133	123	108	97
					67	68	51	52	38	53	63	42	51	16	48	2.53	-1.8	51	28.4	1.9	90	39.8	118	-15	-47	1.3	9.8	4.9	4.1	28.0	-8	43	2.98	1.32	-0.34
ZAM 220019	94492337	 LFR 150032 ZAM 160056		89	104	90	95	112	97	92	114	99	105	103	92	89	88	105	104	90	93	110	110	107	107	103	96	116	98	116	101	103	103	90	77
				88	88	86	86	84	80	87	84	81	84	27	1.79	-0.1	29	17.2	0.5	56	33.9	117	53	-49	0.5	10.5	-18.0	-0.2	41.7	-3	17	0.97	-1.52	-1.98	
ZAM 220042	94492394	1	 LFR 150032 ZAM 130144		118	88	117	115	102	111	103	123	114	116	86	117	105	85	88	117	113	101	114	112	104	98	90	110	95	102	110	104	110	109	119
					89	89	87	87	85	81	88	86	82	85	5	-0.79	-2.3	0	8.7	9.0	106	26.3	133	66	-44	0.2	6.5	-15.0	0.3	33.1	5	17	1.64	1.50	1.52
ZAM 220064	94492626	1	 LFR 150032 ZAM 190134		118	101	97	102	93	105	106	93	102	90	98	112	120	96	101	97	100	102	95	116	97	92	116	99	80	119	84	91	112	79	81
					89	88	87	87	86	81	88	86	82	86	21	-0.33	-4.2	17	15.7	2.7	74	26.6	60	76	-31	-0.1	22.2	-8.4	2.9	43.1	-16	6	1.89	-3.23	-1.63
ZAM 220100	94496387		ZAM 190031 ZAM 190054		102	101	108	100	94	102	105	92	99	99	95	102	99	98	101	108	110	102	97	100	92	107	127	97	93	102	93	96	102	87	102
					65	65	48	47	33	50	60	39	48	22	17	0.75	-1.5	19	15.6	6.3	97	26.4	68	36	-24	0.7	29.1	-7.6	0.7	33.1	-9	10	0.84	-1.96	0.09

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 230004	1		ZAM 170005	79	105	91	108	89	85	96	91	84	93	86	66	76	91	105	91	102	108	93	105	89	94	116	85	96	101	89	92	100	93	110
95359055			ZAM 180203	67	57	48	49	38	49	56	32	46	25	5	4.48	1.7	9	17.6	0.9	77	31.8	53	47	-19	0.0	22.4	-0.2	0.1	32.5	-12	7	0.69	-1.08	0.78
ZAM 230008	1		LAR 180306	99	108	113	93	104	113	112	108	113	100	109	99	129	106	108	113	115	104	111	99	116	89	84	85	119	103	130	120	115	92	89
95359063			ZAM 160023	87	86	85	85	83	79	86	84	80	83	35	1.08	-5.4	31	19.1	7.8	109	28.5	122	32	-63	-0.3	3.1	-0.4	-3.9	33.9	21	32	2.18	-1.25	-1.00
ZAM 230009			LFB 180524	115	97	104	102	99	106	102	80	100	92	94	114	110	96	97	104	103	98	84	104	80	127	97	99	101	104	78	88	110	100	101
95359071			ZAM 140207	69	59	53	52	34	50	58	32	46	23	15	-0.49	-2.9	16	13.4	5.0	80	23.1	20	46	-3	1.8	11.2	-8.2	-0.7	34.3	-21	3	1.64	0.12	0.05
ZAM 230014	2		JRB 170127	89	109	102	101	95	102	109	93	99	88	96	85	100	97	109	102	113	102	99	100	112	104	99	108	95	89	124	109	103	91	98
95359097			ZAM 180042	68	59	51	52	37	50	58	28	46	13	18	2.53	-1.5	17	20.0	4.4	104	27.2	75	37	-57	0.5	12.0	-13.7	0.3	25.0	16	22	0.97	-1.43	-0.24
ZAM 230016	1		LFB 180524	88	109	119	99	86	104	114	107	104	103	97	92	85	98	109	119	125	109	108	106	100	113	109	94	86	100	94	101	112	90	102
95359113			ZAM 150008	70	60	54	53	37	51	59	35	48	25	19	1.79	0.5	20	19.6	9.4	134	33.0	109	49	-36	1.0	18.2	-5.7	2.0	32.1	-8	15	1.85	-1.52	0.12
ZAM 230021	1		LAR 180306	90	119	98	84	109	112	115	117	114	108	119	86	109	118	119	98	106	114	124	84	130	67	100	100	114	105	128	124	127	85	85
95359154			ZAM 160012	87	86	85	85	83	79	86	84	80	83	50	2.44	-2.7	48	25.0	3.2	87	37.3	171	-2	-85	-1.5	12.7	-9.2	-3.0	35.2	19	35	3.37	-2.26	-1.30
ZAM 230023	1		LAR 180306	84	125	104	96	110	124	127	109	122	102	104	60	91	102	125	104	125	117	108	99	120	81	86	108	109	104	123	113	113	86	95
96665047			ZAM 160028	68	60	52	51	36	50	59	35	47	40	29	5.18	-0.4	25	28.1	5.1	135	39.8	110	35	-70	-0.8	4.1	-13.8	-2.1	34.5	15	25	1.97	-2.14	-0.50
ZAM 230025	1		LAR 180306	87	107	82	104	112	98	97	108	100	101	92	83	99	95	107	82	94	106	108	101	121	81	92	109	111	102	123	109	109	90	92
95456380			ZAM 160013	69	60	53	52	37	51	59	34	48	42	13	2.80	-1.4	14	18.9	-1.8	59	30.1	109	38	-71	-0.7	7.9	-14.5	-2.4	32.8	15	22	1.61	-1.59	-0.77
ZAM 230027	1		ZAM 190208	84	113	99	94	83	92	108	93	91	98	95	73	100	105	113	99	108	111	91	108	85	87	104	79	88	109	84	90	102	90	110
95456406			ZAM 160196	69	60	51	49	37	50	58	31	46	23	16	3.78	-1.5	30	21.7	3.4	92	35.1	45	55	-13	-0.4	15.1	2.9	1.6	37.4	-16	5	0.84	-1.47	0.81
ZAM 230034			ZAM 190208	94	96	98	91	106	90	86	96	90	97	102	92	104	109	96	98	90	100	95	115	84	98	98	106	101	111	90	95	91	99	104
95456463			ZAM 170202	67	58	48	47	34	48	56	29	44	23	27	1.81	-2.1	35	12.7	3.1	50	24.8	61	71	-10	0.2	11.3	-12.6	-0.8	38.2	-11	9	-0.18	-0.17	0.26
ZAM 230041	1		ZAM 190208	92	102	93	98	78	81	94	98	82	92	94	90	99	101	102	93	95	105	102	109	93	92	118	91	74	103	89	97	92	85	101
95456521			ZAM 180110	66	55	45	47	35	47	54	28	43	22	16	2.00	-1.4	24	16.1	1.5	62	29.2	86	58	-26	-0.1	23.5	-4.1	4.1	33.6	-12	11	-0.07	-2.32	0.05
ZAM 230043			ZAM 190208	94	96	109	103	108	101	96	88	98	95	86	94	95	95	96	109	107	105	88	118	87	94	115	118	92	119	72	88	74	104	96
95456539			ZAM 160090	89	88	86	86	85	80	88	85	81	84	5	1.62	-0.9	15	12.7	6.6	90	29.1	33	80	-15	0.0	22.0	-19.6	0.8	43.0	-25	3	-1.94	0.70	-0.44

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID Dam ID																															
ZAM 230045	95456554	2	 ZAM 190208 ZAM 180135		104	99	103	111	100	105	104	90	101	101	85	101	102	88	99	103	109	104	91	114	78	92	109	103	92	115	85	92	99	107	104
					88	87	85	85	84	79	87	84	80	83	3	0.87	-1.8	4	14.4	4.7	95	28.2	44	71	0	-0.1	18.4	-10.8	0.9	41.1	-15	6	0.59	1.21	0.32
															85	89	86	85	87	85	86	86	85	84	83	84	88	84	82	86	88	86	83	83	83
ZAM 230046	95456562		ZAM 190208 ZAM 180248		103	92	96	98	89	83	86	102	85	99	93	101	106	100	92	96	89	100	101	123	86	96	115	93	84	110	91	94	88	94	116
					67	58	48	47	34	48	56	28	44	21	15	0.89	-2.3	23	10.8	2.5	47	25.3	84	91	-14	0.1	21.7	-5.3	2.3	37.6	-10	9	-0.53	-0.89	1.31
															46	73	55	47	58	48	51	56	41	39	12	30	71	33	18	50	68	59	20	22	20
ZAM 230052	96088208	1	ZAM 190208 ZAM 170247		79	113	115	92	92	102	113	103	102	106	102	73	90	107	113	115	120	114	101	119	87	89	110	95	87	110	93	100	96	91	110
					68	59	48	47	35	49	57	28	45	22	26	3.81	-0.2	32	21.8	8.2	122	37.7	83	82	-15	-0.3	19.0	-6.2	1.8	37.7	-8	13	0.24	-1.34	0.79
															47	73	56	47	59	48	51	56	40	40	13	31	71	34	20	50	48	45	21	22	21
ZAM 230053	96088216	 ZAM 190208 ZAM 180272			102	99	113	113	97	109	110	104	108	106	85	103	93	86	99	113	120	107	104	114	81	104	115	101	83	124	62	82	94	97	119
					89	88	86	86	85	80	88	85	81	84	3	0.66	-0.6	2	14.7	7.7	121	31.6	95	70	-5	0.5	21.5	-9.8	2.4	46.4	-33	-2	0.05	-0.38	1.55
															86	90	87	86	88	86	87	87	86	85	84	85	89	85	84	86	87	86	84	84	84
ZAM 230055	96088232	1	 ZAM 190208 ZAM 180111		104	92	112	107	90	96	98	71	89	87	87	103	102	91	92	112	108	94	74	107	64	114	104	93	89	110	72	84	85	103	111
					88	88	86	85	84	80	87	84	81	84	5	0.69	-1.8	8	10.6	7.5	94	19.3	-20	54	23	1.1	15.0	-5.1	1.5	38.1	-25	-1	-0.82	0.45	0.86
															85	89	86	85	88	86	86	88	85	92	83	85	88	84	83	86	86	85	83	84	83
ZAM 230062	96088281	1	 ZAM 190146 ZAM 200006		118	119	110	90	111	137	132	112	135	114	109	114	121	109	119	110	120	113	120	95	118	116	117	108	106	111	105	116	100	106	82
					88	88	85	85	84	79	87	84	80	84	36	-0.45	-4.5	36	25.2	6.9	123	36.3	156	23	-67	1.2	23.0	-13.7	-1.6	38.3	1	28	0.69	1.03	-1.55
															85	89	86	85	88	85	86	88	85	92	83	85	88	84	83	85	86	85	83	84	83
ZAM 230065	96088315	3	 ZAM 190146 ZAM 200010		118	109	108	94	117	129	119	85	122	104	101	114	126	104	109	108	112	105	91	93	88	108	100	109	115	111	89	101	111	110	95
					88	88	85	85	84	79	87	84	80	84	25	-0.53	-5.1	28	19.7	6.0	103	29.5	44	19	-17	0.8	12.9	-14.3	-3.2	38.7	-12	15	1.79	1.70	-0.47
															85	89	86	85	88	85	86	88	85	93	83	85	88	84	83	86	86	85	84	84	84
ZAM 230067	96088331	1	ZAM 190208 ZAM 180212		85	109	105	92	81	89	104	97	89	103	100	84	96	108	109	105	108	109	97	109	86	98	110	92	71	112	93	98	95	92	106
					67	69	49	47	35	52	62	29	47	21	23	2.61	-1.0	33	19.5	5.2	92	32.9	67	58	-14	0.2	18.5	-4.6	4.5	38.8	-9	12	0.15	-1.25	0.45
															46	73	55	47	69	49	55	69	43	88	12	35	72	35	20	50	52	48	20	22	20
ZAM 230074	96088398	4	ZAM 190146 ZAM 200062		125	95	100	105	103	110	103	86	105	95	87	121	120	93	95	100	99	92	92	91	87	131	105	98	100	111	82	96	103	101	88
					65	67	45	45	32	50	60	28	46	24	6	-1.19	-4.2	11	12.3	3.6	71	17.4	48	13	-15	2.1	15.9	-7.7	-0.6	38.5	-17	10	1.01	0.28	-1.10
															44	71	53	45	67	45	52	68	41	88	12	70	32	19	46	47	43	23	24	23	
ZAM 230077	96088422	2	ZAM 190146 ZAM 200041		119	103	95	99	110	115	107	88	109	100	95	115	119	99	103	95	99	100	94	68	88	121	107	106	107	111	86	98	110	103	87
					65	67	44	44	32	49	60	26	44	12	16	-0.59	-4.1	21	16.6	2.2	71	24.8	58	-42	-17	1.5	17.2	-12.4	-1.8	38.3	-15	12	1.65	0.55	-1.20
															44	71	52	44	67	44	52	68	39	88	10	70	31	18	46	45	41	11	12	11	
ZAM 230082	96088471	1	 ZAM 190146 ZAM 200043		124	105	83	101	114	116	105	97	113	103	91	124	140	99	105	83	91	103	101	116	94	110	113	111	111	108	89	102	113	113	95
					88	88	85	85	84	79	87	84	80	83	11	-1.49	-6.9	20	17.8	-1.5	52	28.0	84	75	-27	0.9	20.7	-15.2	-2.5	36.8	-12	15	1.94	2.16	-0.45
															85	89	86	85	88	85	86	88	85	92	83	84	88	84	83	86	86	85	83	83	83
ZAM 230087	96088513	4	 ZAM 190146 ZAM 200005		124	98	99	116	109	119	109	83	112	93	81	121	115	85	98	99	105	93	90	84	85	134	100	102	109	109	80	91	111	105	91
					88	88	86	86	84	80	87	84	81	84	-2	-1.22	-3.6	0	13.8	3.3	86	18.6	42	-2	-12	2.2	12.9	-10.3	-2.2	37.0	-19	5	1.76	0.89	-0.85
															85	89	87	86	88	86	87	88	85	85	83	85	88	84	83	86	86	85	84	84	84

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 230094				125	87	86	110	109	99	87			81	90	121	119	89	87	86	80	85	75	97	73	97	98	108	120	83	89	84	86	92	96
96088737		ZAM 180160		58	59	38	37	22	42	52			6	9	-1.25	-4.1	6	7.8	-0.6	25	11.5	-17	29	8	0.1	11.9	-13.5	-4.0	21.5	-12	-1	-0.74	-1.16	-0.42
														37	64	45	37	59	38	45	47	27	14	5	17	29	20	13	33	28	26	6	6	6
ZAM 230106	2	CEF 190341		92	104	99	116	98	103	106	91	99	90	85	92	86	85	104	99	112	105	91	108	94	100	93	115	84	107	90	89	83	77	91
96179296		ZAM 170079		70	70	57	56	42	56	66	49	55	46	4	1.78	0.3	0	16.9	3.5	102	29.4	46	54	-27	0.3	8.5	-17.4	2.2	36.2	-11	4	-1.03	-3.60	-0.79
														56	74	61	56	70	57	61	60	52	38	44	51	56	46	26	53	55	52	44	47	44
ZAM 230107	1	LFR 190008		109	96	86	94	101	91	88	102	92	94	100	105	115	105	96	86	82	100	109	103	104	88	99	109	99	92	101	106	98	85	78
96088638		ZAM 160001		89	88	87	86	85	80	88	86	81	85	23	0.44	-3.6	30	12.9	-0.5	31	25.2	111	43	-43	-0.3	12.4	-14.3	-0.4	26.9	-2	19	0.45	-2.30	-1.90
														86	90	87	86	88	87	87	88	86	86	84	87	89	85	84	86	89	88	85	85	85
ZAM 230113	1	LFR 190008		99	108	99	90	89	97	104	119	101	121	106	99	103	110	108	99	101	120	109	129	92	114	106	93	86	104	90	106	108	109	87
96091905		ZAM 170090		89	89	87	86	85	81	88	86	82	85	31	1.07	-2.0	37	19.3	3.3	76	42.7	113	106	-23	1.1	16.6	-5.4	1.9	34.2	-11	19	1.47	1.44	-1.15
														86	90	87	86	89	87	87	89	87	93	84	87	89	85	84	87	89	88	85	85	85
ZAM 230114				101	103	110	90	95	101	103	78	95	93	103	100	106	110	103	110	105	100	78	106	89	86	118	99	98	94	99	97	106	85	111
96088729		ZAM 170010		85	85	83	83	82	77	84	82	78	81	28	0.95	-2.3	36	16.3	6.6	85	25.0	-5	51	-18	-0.5	23.5	-8.3	-0.2	28.3	-4	11	1.31	-2.35	0.85
														83	86	84	83	85	83	84	86	82	92	81	82	86	81	81	83	85	84	81	81	81
ZAM 230116	2	CEF 190341		87	110	92	115	98	103	110	76	96	88	85	85	89	86	110	92	111	103	82	86	79	98	95	116	87	103	76	86	101	80	85
96179254		ZAM 200177		89	89	86	86	85	80	88	86	81	85	3	2.58	-0.1	1	20.5	1.2	101	27.3	13	3	-2	0.2	9.8	-18.1	1.7	33.4	-22	1	0.79	-3.12	-1.30
														86	90	87	86	89	86	87	89	86	93	85	86	89	85	84	86	88	87	85	85	85
ZAM 230117	2	CEF 190341		107	99	89	126	113	111	104	82	105	86	80	105	98	79	99	89	101	98	78	100	82	102	87	125	96	110	94	79	85	88	105
96179262		ZAM 200137		88	89	86	86	85	80	88	86	81	85	-4	0.46	-1.3	-8	14.4	0.2	75	23.2	-4	35	-6	0.4	4.8	-23.4	0.1	37.7	-8	-5	-0.85	-1.81	0.37
														86	89	87	86	89	86	87	88	86	93	85	86	89	85	83	86	88	87	85	85	85
ZAM 230118	1	CEF 190341		109	108	101	114	102	118	118	85	112	85	90	104	108	86	108	101	117	103	88	103	96	83	86	120	87	109	111	98	116	72	112
96179247		ZAM 200127		88	88	86	86	85	80	87	86	81	85	10	0.51	-2.6	2	19.2	3.9	114	27.8	34	43	-31	-0.6	4.4	-20.3	1.7	37.6	6	12	2.26	-4.37	0.98
														86	89	87	86	88	86	87	88	86	93	85	86	89	85	83	86	88	87	85	85	85
ZAM 230121	3	ZAM 170005		79	108	78	116	104	93	96	82	89	97	80	80	75	86	108	78	96	107	88	102	90	108	112	110	103	100	87	95	102	105	110
96087853		ZAM 170223		67	68	50	49	36	52	62	32	48	18	-3	3.03	1.8	1	19.1	-2.9	64	31.2	35	41	-20	0.8	19.8	-14.5	-1.1	31.7	-13	9	0.89	0.91	0.75
														49	72	56	49	68	50	56	70	44	89	18	28	71	36	22	51	68	60	18	19	18
ZAM 230123	4	ZAM 190208		78	115	107	86	69	87	109	109	89	116	110	74	92	114	115	107	111	122	103	109	85	117	109	80	64	111	90	97	100	109	131
96087879		ZAM 180213		89	89	86	86	85	80	88	85	81	84	37	3.68	-0.5	43	23.1	5.8	101	44.9	90	59	-12	1.3	18.4	2.6	5.8	38.5	-11	11	0.70	1.50	2.53
														86	90	87	86	89	86	87	89	85	93	84	85	89	85	84	86	88	87	84	84	84
ZAM 230130	3	ZAM 190081		99	106	107	89	103	106	105	107	107	120	103	101	100	111	106	107	105	107	107	96	100	117	118	104	96	109	88	101	122	136	118
96087945		ZAM 200212		88	88	85	85	84	79	87	84	80	83	27	0.83	-1.6	38	18.3	5.8	86	31.0	107	26	-36	1.3	23.5	-11.3	0.2	37.5	-13	15	2.89	5.72	1.50
														85	89	86	85	88	85	86	88	85	93	83	84	88	84	83	85	88	86	83	83	83
ZAM 230133	1	LFR 190008		105	95	105	107	112	107	99	94	104	92	89	101	114	91	95	105	104	101	97	107	93	104	96	113	106	107	94	99	88	91	80
96091897		ZAM 170109		69	70	53	48	37	53	64	36	50	32	8	0.90	-3.5	9	12.0	5.4	84	25.7	66	53	-25	0.5	10.2	-16.7	-1.7	35.9	-8	13	-0.50	-1.44	-1.75
														48	74	57	48	70	53	57	72	52	89	17	52	73	40	21	49	70	63	31	34	32

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 230136	3		ZAM 190081	110	92	102	101	95	94	92	95	92	103	91	108	108	97	92	102	95	93	94	85	90	114	115	96	98	101	87	81	101	115	106
96087994			ZAM 200171	66	67	47	47	34	51	61	30	47	20	11	0.15	-2.6	18	10.7	4.3	62	18.8	56	0	-19	1.1	21.5	-6.6	-0.1	32.4	-14	-3	0.75	2.42	0.46
														46	72	54	47	67	47	54	70	43	89	13	31	71	34	20	49	68	60	20	21	20
ZAM 230138	2		ZAM 190081	110	90	94	107	102	94	88	91	92	95	83	110	103	92	90	94	90	92	90	83	86	119	107	105	102	100	82	75	94	113	104
96088018			ZAM 200174	66	67	47	47	34	51	61	29	47	20	1	-0.09	-1.9	10	9.8	1.9	48	18.1	41	-6	-14	1.4	17.2	-11.8	-0.9	32.1	-17	-9	0.12	2.09	0.25
														46	72	54	47	67	47	54	70	43	89	12	30	71	33	19	49	68	59	20	21	20
ZAM 230146	3		ZAM 190081	118	98	84	109	95	98	97	105	98	108	89	115	111	90	98	84	89	101	108	112	97	95	113	99	92	105	77	87	105	143	122
96088075			ZAM 200135	88	88	86	85	84	80	87	84	81	84	9	-0.62	-3.1	7	13.8	-1.3	46	25.8	110	66	-32	0.1	20.3	-8.7	0.9	34.6	-21	2	1.14	6.91	1.83
														85	89	86	85	88	86	86	88	85	92	83	85	89	84	83	86	88	87	83	84	83
ZAM 230158	2		ZAM 190081	97	94	93	109	114	98	89	96	96	98	91	96	94	90	94	93	94	94	100	105	101	117	103	117	111	103	86	88	101	132	105
96088117			ZAM 170076	67	68	49	48	34	51	62	28	46	14	11	1.38	-0.8	7	11.9	1.5	58	19.8	79	47	-39	1.3	14.5	-18.8	-2.6	33.5	-14	3	0.79	5.08	0.34
														48	73	56	48	68	49	55	70	42	88	11	25	71	33	20	49	68	59	13	14	13
ZAM 230161	2		ZAM 190146	88	114	107	90	118	118	112	104	116	110	109	92	89	109	114	107	113	110	112	118	106	130	118	111	116	110	104	118	89	109	92
96088141			ZAM 190038	88	88	85	85	84	79	87	84	80	83	36	1.80	-0.1	36	22.6	5.8	106	33.9	125	79	-46	2.0	23.5	-15.4	-3.5	37.9	0	29	-0.37	1.48	-0.70
														85	89	86	85	88	85	86	88	85	92	83	84	88	84	83	86	88	86	83	83	83
ZAM 230166	1		ZAM 190146	116	99	98	101	100	106	102	94	103	101	93	113	113	97	99	98	99	99	98	79	87	118	98	98	99	108	83	95	100	90	91
96217369			ZAM 200037	65	67	45	45	33	50	60	28	46	22	14	-0.42	-3.4	18	14.4	3.1	70	23.7	71	-15	-16	1.3	11.5	-8.2	-0.4	36.6	-16	9	0.72	-1.55	-0.83
														44	71	52	45	67	45	52	61	40	43	14	31	71	33	20	47	67	58	21	23	21
ZAM 230176	2		ZAM 180026	94	93	104	110	108	98	91	95	96	108	89	103	72	89	93	104	103	101	97	125	94	92	120	122	99	98	95	95	93	112	123
96235262			ZAM 140008	87	88	85	85	83	79	87	84	80	82	9	0.70	2.2	5	11.4	4.8	81	26.1	66	96	-26	-0.1	24.6	-21.5	-0.4	30.6	-7	9	-0.03	1.97	1.90
														85	88	86	85	88	85	86	88	84	92	82	84	88	83	82	85	87	86	82	82	82
ZAM 230179	1		ZAM 180026	109	90	89	103	102	89	84	94	88	100	86	110	102	95	90	89	83	95	94	113	88	99	101	109	104	93	106	99	93	103	115
96564562			ZAM 150034	67	69	53	50	35	53	63	32	49	20	4	-0.02	-1.8	15	9.8	0.2	32	20.4	56	66	-17	0.3	13.3	-14.0	-1.3	27.5	1	13	-0.06	0.52	1.20
														50	72	57	50	69	53	57	70	45	88	17	33	71	34	21	51	68	59	19	21	19
ZAM 230181	1		ZAM 180026	93	92	108	107	105	95	90	91	93	102	89	98	81	91	92	108	104	98	92	100	86	106	98	110	105	97	107	102	94	109	114
96564588			ZAM 190120	67	67	49	49	34	51	61	32	47	22	8	1.21	1.0	9	10.5	6.1	83	23.4	48	36	-14	0.6	11.4	-14.6	-1.5	30.1	3	16	0.11	1.53	1.14
														49	72	56	49	67	49	55	69	43	88	18	36	70	33	20	49	67	59	21	23	21
ZAM 230192			ZAM 190081	108	86	101	117	96	91	88	98	91	105	80	109	94	85	86	101	95	86	99	77	96	112	104	96	98	100	87	90	108	122	110
96564687			ZAM 170154	66	68	49	47	32	51	62	29	47	12	-3	0.02	-0.8	0	7.3	3.9	61	12.5	75	-20	-30	1.0	14.9	-6.8	-0.2	31.7	-13	5	1.51	3.50	0.80
														47	72	54	47	68	49	55	70	40	88	14	22	70	31	18	48	66	58	11	12	11
ZAM 230195	3		ZAM 190081	109	95	97	101	99	97	94	93	95	104	93	109	103	97	95	97	95	95	93	80	90	107	102	99	99	101	89	89	108	121	108
96564711			ZAM 200108	66	67	45	46	31	50	60	27	45	10	15	0.03	-2.0	18	12.5	2.9	61	20.6	54	-12	-20	0.7	14.3	-8.7	-0.4	32.3	-12	4	1.52	3.30	0.66
														45	72	53	46	67	45	53	68	41	88	10	24	70	30	16	46	66	58	10	11	10
ZAM 240001	1		ZAM 170005	72	108	93	101	75	75	94	92	75	89	96	68	62	98	108	93	102	111	96	120	99	93	108	78	87	91	98	96	103	101	114
96564729			ZAM 170053	67	65	48	47	35	50	60	30	46	17	18	4.29	3.5	19	19.1	1.5	78	34.7	63	85	-36	-0.1	17.8	3.3	1.8	26.2	-5	10	0.95	0.24	1.12
														47	72	55	47	65	48	53	67	40	32	17	27	46	34	21	50	45	42	16	18	16

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 240003	97225650	1	ZAM 190024 ZAM 190057		76 65	119 65	101 47	104 46	115 33	116 49	117 59	94 28	112 45	101 12	95 17 46	60 5.13 71	66 3.0 54	94 13 46	119 25.1 65	101 4.0 47	122 127 53	116 38.8 66	93 52 43	112 65 28	83 -9 10	115 1.1 30	112 20.2 50	118 -19.2 32	111 -2.5 19	102 33.1 47	91 -11 45	100 14 41	106 1.32 12	100 0.12 13	104 0.25 12
ZAM 240008	97225692		CEF 190341 ZAM 140207		116 70	97 70	105 56	114 55	125 37	124 55	107 66	86 54	117 55	92 44	83 1 55	114 -0.45 74	107 -2.6 61	86 1 55	97 13.2 70	105 5.2 56	110 97 60	100 24.8 64	89 38 60	107 53 36	89 -18 43	108 0.8 50	103 14.9 72	133 -27.9 41	113 -2.9 21	108 36.6 49	80 -19 70	84 0 62	92 -0.15 43	93 -1.05 45	105 0.36 43
ZAM 240017	97225775	1	CEF 190341 ZAM 160196		112 70	102 71	97 57	110 57	108 42	114 56	108 66	92 56	109 56	91 45	85 3 57	108 0.11 74	110 -3.0 62	89 5 57	102 16.0 71	97 2.7 57	106 87 62	101 26.3 64	92 50 62	110 60 40	98 -33 45	93 0.0 51	102 13.8 73	115 -17.6 47	102 -0.9 26	106 35.3 52	99 -4 70	94 8 63	95 0.23 44	79 -3.26 46	102 0.15 44
ZAM 240021	97225783	1	CEF 190341 ZAM 150008		110 70	101 71	115 57	114 56	112 40	125 56	116 66	102 56	121 56	99 45	84 2 56	113 -0.35 74	93 -0.7 62	86 1 56	101 15.5 71	115 8.4 57	124 131 61	103 27.5 66	97 68 63	107 54 37	95 -29 44	92 -0.1 53	93 8.9 74	128 -25.1 44	98 -0.3 23	104 34.5 52	100 -3 71	95 9 64	93 -0.06 44	81 -2.99 46	103 0.19 44
ZAM 240024	97225817	1	LFR 190008 ZAM 190126		113 67	93 60	101 48	110 46	111 34	108 48	98 57	103 42	107 47	98 32	83 0 47	108 0.09 73	111 -3.1 55	89 6 46	93 11.3 60	101 3.9 48	100 74 51	97 22.2 64	107 107 62	103 43 47	99 -35 16	105 0.6 48	97 11.0 72	126 -23.8 39	98 -0.3 18	100 32.0 46	98 -5 70	98 12 63	95 0.15 30	96 -0.62 33	81 -1.63 31
ZAM 240026	97227367	1	LFR 190008 ZAM 190070		84 89	115 89	102 87	95 87	94 86	103 81	112 88	107 87	103 82	105 85	100 24 87	72 3.91 90	102 -1.9 88	104 27 87	115 22.9 89	102 4.3 87	113 105 88	119 42.1 88	113 128 88	113 68 86	101 -39 85	98 0.2 87	96 10.6 90	97 -7.6 86	90 1.1 84	107 36.1 87	93 -9 89	108 21 88	110 1.64 85	68 -5.07 85	86 -1.24 85
ZAM 240027	97225825	1	LFR 190008 ZAM 190127		97 89	112 89	85 86	96 86	118 85	111 80	105 88	97 86	109 81	114 85	102 27 86	95 1.51 90	120 -4.3 87	104 28 86	112 21.5 89	85 -0.8 86	97 65 87	117 40.4 88	99 74 87	116 75 85	82 -7 84	101 0.4 87	96 10.4 89	112 -16.1 85	114 -3.0 84	110 37.8 86	86 -14 89	106 19 88	103 0.95 85	103 0.46 85	90 -0.88 85
ZAM 240030	97227375		LFR 160001 ZAM 170249		96 89	103 89	101 87	108 87	90 85	98 81	104 88	91 86	95 82	105 85	83 0 87	99 1.10 89	87 0.2 88	90 7 87	103 16.6 89	101 4.0 87	110 96 88	103 28.0 88	91 45 87	98 30 84	93 -25 83	119 1.4 86	110 18.9 89	96 -6.8 85	91 1.1 84	93 27.8 87	95 -7 88	96 10 87	109 1.57 85	124 3.81 85	118 1.49 85
ZAM 240032	97225866	1	LFR 190008 ZAM 190132		91 68	107 70	99 52	102 48	99 37	101 53	106 64	94 44	99 51	101 38	89 8 48	88 2.24 73	100 -1.6 57	96 16 48	107 18.7 70	99 3.5 52	108 93 57	109 33.0 64	97 66 63	103 42 49	87 -15 20	98 0.2 53	97 10.7 73	100 -8.8 41	96 0.1 21	104 34.0 48	98 -4 71	100 14 64	93 -0.04 36	84 -2.52 39	84 -1.43 36
ZAM 240033	97227383		LFR 160001 ZAM 170145		98 89	103 89	126 87	100 87	102 85	116 81	115 88	109 86	116 82	120 85	96 18 87	98 1.14 90	96 -1.1 88	96 17 87	103 16.7 89	126 11.6 87	128 140 88	112 35.7 88	114 131 87	110 60 84	94 -27 84	122 1.5 87	120 24.5 89	101 -9.4 85	102 -0.8 84	103 33.8 87	90 -11 89	99 13 88	107 1.38 85	129 4.62 85	129 2.39 85
ZAM 240035	97225882	1	LFR 190008 ZAM 190262		93 68	105 69	104 52	98 48	103 35	103 53	104 63	102 43	102 51	109 33	95 16 48	90 2.00 73	102 -1.9 57	101 23 48	105 17.6 69	104 4.8 52	107 91 56	110 33.9 62	104 95 63	106 49 47	91 -22 18	98 0.2 51	113 20.6 73	105 -11.8 37	98 -0.3 20	104 34.5 48	97 -6 71	103 16 64	98 0.50 32	97 -0.47 34	89 -0.97 32
ZAM 240038	97225577	1	LFR 160001 ZAM 180105		103 71	100 70	108 59	104 59	88 44	99 57	105 67	104 44	100 54	101 45	87 5 59	100 0.94 74	105 -2.2 64	94 13 59	100 14.9 70	108 6.0 59	110 97 63	101 25.6 65	107 104 63	119 81 32	106 -46 21	109 0.8 53	114 21.0 73	88 -2.1 47	91 1.1 29	101 32.4 55	100 -3 71	93 7 64	95 0.14 44	113 2.15 46	108 0.63 44

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 240039	97227326	1	LFR 190008		ZAM 180008		96	97	105	103	118	106	97	98	104	100	89	94	99	95	97	105	104	103	102	107	93	99	102	127	103	108	94	99	93	90	87
							68	70	52	47	35	53	63	42	51	32	8	1.62	-1.4	14	13.4	5.1	83	27.8	88	54	-25	0.3	13.9	-24.6	-1.1	36.9	-8	13	-0.02	-1.55	-1.19
																	48	73	56	47	70	52	56	64	62	46	16	51	73	39	19	47	70	63	31	34	31
ZAM 240044	97225627		LFR 160001		ZAM 130208		108	91	113	117	98	105	103	88	100	98	80	104	106	84	91	113	113	90	90	95	87	101	109	96	100	98	86	86	95	114	105
							71	71	62	60	45	58	68	44	55	44	-3	0.58	-2.4	-1	10.1	7.7	104	15.9	41	24	-16	0.4	17.9	-6.8	-0.6	30.7	-14	2	0.21	2.29	0.41
																	60	74	65	60	71	62	64	64	65	31	20	54	74	48	29	57	72	65	44	45	44
ZAM 240049	97577043	2	ZAM 170005		ZAM 180033		99	99	94	102	84	86	94	101	87	101	92	100	95	96	99	94	96	103	105	121	107	94	118	83	92	97	100	97	107	106	117
							66	68	49	48	34	51	62	40	49	16	12	0.97	-0.9	17	14.5	1.9	63	27.7	97	86	-48	0.0	23.4	0.5	0.9	29.9	-3	11	1.34	1.07	1.38
																	48	72	55	48	68	49	55	62	57	34	16	31	70	34	20	48	68	59	15	17	15
ZAM 240051	97577050	4	ZAM 200089		ZAM 190134		79	122	106	87	94	107	118	109	107	113	108	79	94	114	122	106	117	118	110	113	106	107	108	91	88	116	107	120	121	94	86
							88	88	85	85	84	79	87	85	80	84	34	3.13	-0.7	42	26.8	5.5	114	41.2	117	67	-46	0.7	17.7	-4.0	1.5	41.7	3	31	2.83	-0.82	-1.27
																	85	89	86	85	88	85	86	87	86	83	83	85	88	84	83	85	88	86	83	84	83
ZAM 240058	97577092		ZAM 170005		ZAM 160089		76	100	95	109	92	82	90	83	79	92	86	67	68	90	100	95	101	100	89	104	87	94	102	88	104	95	99	102	102	97	105
							67	68	50	48	34	52	62	40	50	16	4	4.41	2.8	7	14.9	2.1	75	25.3	37	44	-15	0.0	14.0	-2.2	-1.3	29.0	-4	16	0.92	-0.38	0.38
																	49	72	56	48	68	50	55	61	56	34	16	28	70	34	20	49	67	58	16	17	16
ZAM 240063	97577126	1	ZAM 200089		ZAM 190159		88	108	105	104	83	96	109	95	94	100	89	85	95	94	108	105	116	106	99	91	90	112	93	82	85	104	94	99	96	101	90
							65	67	47	48	36	51	61	40	49	32	8	2.56	-1.0	13	19.3	5.2	111	30.1	74	15	-20	1.0	8.9	1.3	2.1	34.4	-8	12	0.26	0.26	-0.88
																	48	71	54	48	67	47	54	62	58	24	17	37	71	37	23	47	68	60	31	33	31
ZAM 240066	97577142	7	ZAM 200089		ZAM 160090		112	95	104	120	129	124	105	94	119	110	77	114	92	83	95	104	109	100	96	108	88	121	91	121	119	119	82	90	95	143	101
							88	88	85	85	84	79	87	84	80	83	-8	-0.49	-0.5	-3	12.2	5.0	95	25.0	62	56	-18	1.5	7.3	-21.3	-4.0	43.0	-17	5	0.14	6.91	0.05
																	85	89	86	85	88	85	86	87	86	83	82	84	88	84	82	85	87	86	83	83	83
ZAM 240067	97577159	1	ZAM 200089		ZAM 180248		110	101	94	99	103	103	99	102	102	112	96	110	105	100	101	94	95	106	101	128	90	126	94	103	97	110	98	103	102	117	126
							87	87	85	85	83	79	86	84	80	83	18	-0.09	-2.3	22	15.5	1.7	62	30.2	82	103	-19	1.8	9.4	-10.6	0.0	37.7	-4	16	0.90	2.78	2.14
																	84	88	86	85	87	85	86	86	85	82	82	84	88	83	82	85	87	86	83	83	83
ZAM 240069	97577167	1	LFR 160061		ZAM 170087		97	108	90	99	130	117	104	100	114	114	94	92	110	99	108	90	99	113	105	108	97	109	123	133	121	105	92	109	106	104	106
							71	71	61	60	44	58	68	48	56	47	15	1.80	-2.9	21	19.3	0.7	72	37.0	99	54	-32	0.8	26.5	-27.8	-4.2	34.9	-9	21	1.28	0.69	0.41
																	60	74	64	60	71	61	64	66	63	49	28	52	73	49	29	55	70	64	46	48	46
ZAM 240070	97577175	2	LFR 160061		ZAM 160171		101	110	72	95	118	104	97	108	105	115	99	95	114	106	110	72	83	117	107	110	100	105	114	132	107	100	91	104	93	96	98
							90	89	88	88	86	81	89	87	82	86	22	1.45	-3.4	30	20.4	-4.9	32	39.8	104	60	-36	0.6	21.0	-27.2	-1.8	31.9	-10	17	0.03	-0.55	-0.19
																	87	90	89	88	89	88	88	88	88	86	85	87	89	86	85	88	89	88	86	86	86
ZAM 240076	97577233	1	TMB 200231		ZAM 210049		116	107	78	103	102	105	104	121	109	114	97	112	116	96	107	78	89	111	101	105	101	105	74	111	93	100	113	89	110	117	114
							68	60	49	42	37	49	57	47	49	48	20	-0.25	-3.8	17	18.7	-3.0	48	34.7	83	48	-38	0.6	-2.8	-15.6	0.7	32.1	7	4	1.71	2.76	1.11
																	45	73	54	42	60	49	50	66	62	27	27	52	72	42	22	48	70	63	46	49	47
ZAM 240078	97577258		TMB 200231		ZAM 210146		107	116	83	93	109	113	111	131	118	132	108	102	115	108	116	83	96	125	128	135	120	99	101	117	95	109	115	117	105	128	138
							89	89	87	86	85	81	88	86	82	86	34	0.72	-3.6	34	23.3	-1.5	64	47.0	184	120	-69	0.3	13.3	-18.8	0.3	37.0	9	29	1.17	4.46	3.12
																	86	90	87	86	89	87	87	88	87	85	84	87	89	85	84	87	89	88	86	86	86

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
ZAM 240081	97577274	1		TMB 200231	124	109	75	102	98	108	107	117	110	119	93	121	119	98	109	75	88	115	115	116	120	128	127	104	89	109	111	108	101	131	119
				ZAM 210044	89	89	87	86	86	81	88	86	82	86	14	-1.20	-4.2	19	19.9	-4.1	44	38.2	135	75	-70	1.9	29.0	-11.3	1.4	37.4	6	20	0.77	4.95	1.52
ZAM 240107	97912133	1		CEF 200410	120	102	105	106	104	119	113	72	109	88	94	118	131	92	102	105	111	99	74	86	80	124	91	130	87	97	100	93	102	91	82
				ZAM 130074	89	89	86	86	84	80	88	86	81	84	16	-0.90	-5.7	10	16.1	5.3	100	24.3	-20	2	-3	1.7	7.2	-26.0	1.7	29.8	-3	7	0.90	-1.32	-1.59
ZAM 240110	97912166	2		ZAM 190024	93	108	101	93	111	108	104	114	109	115	104	93	100	106	108	101	105	112	109	109	95	98	106	117	106	102	102	111	118	106	114
				ZAM 210122	65	66	44	45	30	49	59	36	46	8	29	1.70	-1.6	31	19.3	3.9	85	35.5	114	58	-28	0.2	16.6	-19.0	-1.5	33.0	-1	23	2.49	0.98	1.12
ZAM 240112	97912182	1		LFR 190008	121	99	78	124	132	122	103	85	115	97	72	116	114	81	99	78	89	102	89	88	72	105	86	138	117	112	78	92	80	97	97
				ZAM 170223	89	89	87	87	86	81	88	87	82	86	-15	-0.74	-3.5	-6	14.4	-3.2	46	26.3	37	6	9	0.6	4.2	-30.9	-3.6	39.0	-20	6	-1.30	-0.36	-0.32
ZAM 240115	97912216	1		LFR 190008	103	102	91	97	117	105	96	105	105	109	97	101	107	102	102	91	93	108	106	114	95	99	93	120	113	100	104	107	98	100	95
				ZAM 170188	68	70	52	47	36	53	64	42	51	34	19	0.91	-2.5	25	15.8	1.1	57	32.3	100	69	-28	0.3	8.8	-20.3	-2.8	32.0	0	20	0.44	0.01	-0.51
ZAM 240119	97912257	1		LFR 190008	109	95	99	115	101	104	102	91	101	97	80	106	116	85	95	99	104	97	97	95	94	99	114	104	98	101	81	90	92	94	83
				ZAM 170010	69	71	54	48	36	54	65	44	52	34	-4	0.37	-3.8	0	12.5	3.5	82	22.1	69	24	-27	0.2	20.9	-11.6	-0.3	32.7	-19	5	-0.07	-0.83	-1.52
ZAM 240120	97912265	1		ZAM 190024	105	101	99	105	112	110	103	92	106	109	89	100	114	93	101	99	104	105	94	116	83	109	116	115	98	116	74	97	116	125	115
				ZAM 210134	88	88	85	85	84	79	87	85	80	83	8	0.95	-3.5	12	15.4	3.4	83	29.7	58	76	-8	0.8	22.2	-17.5	-0.3	41.2	-24	11	2.24	4.05	1.23
ZAM 240121	97912281	1		LFR 190008	101	104	91	112	96	101	104	94	99	112	81	100	121	88	104	91	103	107	103	98	91	103	95	101	98	95	106	116	108	112	77
				ZAM 160199	89	89	87	86	85	81	88	86	82	85	-2	0.96	-4.4	4	16.9	1.1	80	31.0	89	30	-22	0.5	9.7	-9.5	-0.2	28.5	1	28	1.49	1.88	-1.98
ZAM 240122	97980320			LFR 190008	118	84	94	107	104	92	83	92	90	97	83	117	108	91	84	94	84	90	95	105	87	103	110	106	96	112	69	89	92	94	94
				ZAM 140173	89	89	87	86	85	81	88	86	82	85	1	-0.76	-2.7	9	6.4	2.0	35	16.3	59	48	-15	0.5	18.5	-12.6	0.1	39.3	-27	4	-0.10	-0.86	-0.56
ZAM 240129	97980387	1		LFR 190008	112	106	84	107	116	114	105	88	109	104	93	108	113	92	106	84	96	109	90	105	76	95	96	127	106	101	73	84	98	114	104
				ZAM 170078	89	89	87	87	86	81	88	87	82	85	14	0.17	-3.3	11	18.0	-1.1	63	33.3	41	48	4	0.0	10.4	-24.8	-1.6	32.7	-25	-1	0.49	2.30	0.25
ZAM 240135	98252646	1		CEF 200410	96	109	106	98	101	109	112	102	108	109	103	92	104	100	109	106	113	115	101	108	99	110	96	111	95	102	103	104	108	102	90
				ZAM 180144	67	69	49	46	33	51	62	42	49	34	27	1.79	-2.1	22	19.9	5.4	106	38.8	83	55	-35	0.9	10.5	-15.2	0.3	33.0	-1	17	1.49	0.42	-0.86
ZAM 240143	98252711	1		ZAM 190024	107	103	102	111	104	112	110	95	109	106	88	104	104	88	103	102	111	103	93	104	80	110	114	113	95	106	73	87	106	111	110
				ZAM 210028	65	66	45	41	33	49	59	38	47	24	7	0.58	-2.2	4	16.5	4.2	101	27.4	52	46	-4	0.9	21.0	-16.2	0.3	35.6	-25	2	1.31	1.72	0.82

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
ZAM 240147	98252752	1		LFR 190008	94	94	91	130	94	92	95	84	88	96	70	93	113	75	94	91	101	100	86	109	77	101	110	116	80	102	66	82	88	85	78
				ZAM 200043	89	89	87	86	85	81	88	86	82	85	-18	1.72	-3.3	-15	11.9	1.0	76	24.7	26	58	2	0.4	18.6	-18.5	3.1	32.8	-30	-2	-0.50	-2.28	-1.92
ZAM 240148	98252760	1		CEF 200410	90	111	110	91	128	123	111	101	120	114	109	90	98	108	111	110	114	115	104	91	94	129	116	125	124	104	101	104	114	106	95
				ZAM 200010	88	88	85	85	84	79	87	85	80	84	35	2.01	-1.3	34	20.8	6.8	106	38.7	96	15	-27	1.9	22.2	-23.1	-4.9	34.2	-3	17	2.11	1.06	-0.48
ZAM 250004	98958416	1		LFR 190008	108	84	89	128	102	90	85	100	91	89	72	106	97	77	84	89	86	92	100	98	96	94	89	106	98	102	82	86	92	88	81
				ZAM 170098	68	69	52	47	36	53	63	44	51	34	-14	0.37	-1.2	-11	6.4	0.4	40	18.3	79	30	-31	0.0	6.0	-12.5	-0.2	33.0	-17	1	-0.13	-1.85	-1.69
ZAM 250006	98958432	1		LFR 190008	107	103	90	110	104	106	105	95	104	100	87	102	109	89	103	90	101	104	94	96	88	109	113	109	99	102	89	92	101	97	82
				ZAM 190191	68	69	50	47	36	52	63	43	50	34	6	0.74	-2.7	6	16.6	0.8	75	28.4	58	25	-17	0.8	20.5	-14.0	-0.4	32.9	-12	6	0.83	-0.36	-1.58
ZAM 250007	98958440			TMB 200231	100	121	102	88	98	117	123	138	123	137	112	97	111	113	121	102	113	127	132	113	125	134	127	106	90	101	118	119	116	128	120
				ZAM 200138	68	69	53	48	40	54	63	46	52	50	39	1.32	-3.1	41	26.2	4.2	105	48.7	198	68	-78	2.2	29.2	-12.4	1.3	32.5	11	31	2.26	4.47	1.66
ZAM 250014	98970833	1		TMB 200231	102	122	100	84	94	115	123	133	120	139	121	101	108	117	122	100	110	130	127	117	122	93	115	105	87	99	123	125	117	127	125
				ZAM 200063	68	70	52	47	39	53	63	46	52	46	51	0.83	-2.7	47	26.5	3.9	98	51.6	182	77	-72	0.0	21.9	-11.8	1.7	31.0	15	36	2.38	4.30	2.02
ZAM 250016	98970858	1		TMB 200231	109	119	106	88	98	123	126	143	129	143	113	107	112	112	119	106	116	127	137	109	129	118	130	107	88	101	119	121	113	134	123
				ZAM 200006	68	70	52	48	39	54	64	46	52	50	41	0.23	-3.2	39	25.3	5.7	112	49.1	221	58	-85	1.3	30.9	-13.3	1.5	32.7	12	32	2.03	5.37	1.88
ZAM 250017	98970866			TMB 200231	91	119	103	92	94	110	119	123	113	132	107	89	103	107	119	103	115	122	118	113	115	143	132	99	86	104	121	117	112	126	119
				ZAM 200062	68	70	53	48	40	54	64	46	52	50	33	2.09	-2.0	33	24.9	4.5	109	44.5	148	67	-62	2.7	32.0	-8.7	1.9	34.1	13	29	1.87	4.19	1.55
ZAM 250018	98970874	1		LFR 190008	94	108	114	92	106	112	111	120	115	121	101	94	100	107	108	114	115	117	117	114	102	74	111	112	100	104	97	110	107	98	96
				ZAM 150008	69	71	54	48	36	54	65	44	52	34	25	1.58	-1.6	32	19.2	8.0	109	40.0	144	69	-40	-1.1	19.2	-15.8	-0.5	34.1	-5	22	1.41	-0.30	-0.38
ZAM 250019	98970882	1		LFR 190008	118	97	99	105	116	115	102	95	111	98	88	115	127	93	97	99	100	98	101	94	92	86	98	116	111	107	91	101	98	86	77
				ZAM 190131	68	69	49	46	34	52	62	42	50	32	7	-0.63	-5.2	11	13.1	3.4	72	22.9	82	22	-24	-0.4	11.4	-18.2	-2.5	36.0	-10	15	0.49	-2.20	-2.00
ZAM 250020	98970890	1		LFR 190008	111	96	98	109	109	107	99	91	103	102	88	107	117	90	96	98	100	102	93	111	80	87	94	111	103	105	88	99	97	95	88
				ZAM 170198	69	71	53	48	37	54	65	45	52	36	8	0.24	-3.9	7	12.5	3.2	73	26.7	52	63	-4	-0.4	9.3	-15.4	-1.1	35.0	-13	13	0.35	-0.79	-1.08
ZAM 250022	98970916	1		TMB 200231	98	120	97	83	104	115	118	146	123	143	118	97	109	120	120	97	105	131	138	131	129	113	132	111	95	104	118	121	117	137	131
				ZAM 200113	68	70	53	48	40	54	64	46	52	50	48	1.29	-2.8	51	25.9	2.7	86	53.0	222	111	-84	1.0	31.9	-15.4	0.4	34.1	11	33	2.33	5.95	2.54

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Animal				Selection Value												Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250023	98970924	1	TMB 200231		ZAM 200030		78	123	94	90	95	103	114	132	110	134	109	78	92	111	123	94	110	127	129	111	125	115	138	103	90	100	129	122	110	125	121
							68	70	53	47	38	53	64	46	52	46	35	3.31	-0.4	38	27.2	1.9	97	48.9	188	62	-77	1.2	35.3	-10.7	1.2	31.7	20	33	1.66	3.93	1.73
																	46	73	56	47	70	53	57	64	63	26	23	75	73	43	23	49	71	64	45	47	45
ZAM 250026	98970957	1	TMB 200231		ZAM 200049		106	120	92	96	91	114	122	122	116	130	107	101	115	104	120	92	110	123	119	107	119	104	123	99	85	102	122	119	115	127	113
							68	70	53	47	38	53	64	46	52	46	33	0.84	-3.6	28	25.6	1.4	97	45.3	152	53	-68	0.6	26.3	-8.6	2.1	33.1	14	30	2.21	4.26	1.08
																	46	73	57	47	70	53	57	64	63	35	23	75	73	42	24	49	71	64	45	47	45
ZAM 250027	98970965	1	TMB 200231		ZAM 200212		90	121	97	89	103	113	117	134	119	135	109	89	102	111	121	97	111	127	129	113	124	110	124	109	96	103	121	122	117	129	124
							68	70	52	47	38	53	63	45	51	46	36	2.15	-1.8	38	26.1	2.9	99	49.3	188	66	-77	0.9	26.9	-14.5	0.1	33.4	13	33	2.40	4.58	1.96
																	45	73	56	47	70	52	56	66	62	34	23	75	73	42	23	48	71	64	45	47	45
ZAM 250030	98970999	1	LFR 190008		ZAM 180163		99	105	92	101	106	103	102	100	102	109	95	96	107	98	105	92	99	113	99	125	88	105	103	117	95	106	94	104	104	103	87
							68	70	51	48	36	53	63	42	51	32	17	1.44	-2.5	18	17.7	1.2	71	36.2	74	95	-17	0.6	14.8	-18.7	0.4	35.7	-8	17	1.07	0.53	-1.19
																	48	73	57	48	70	51	56	64	63	48	17	75	73	40	20	47	71	64	31	34	31
ZAM 250032	98971013	1	LFR 190008		ZAM 190057		94	97	102	110	112	103	96	92	100	99	87	95	89	89	97	102	105	102	95	117	86	108	107	112	111	103	85	96	95	95	83
							68	70	51	47	36	53	63	42	51	34	5	1.50	-0.1	5	13.2	4.2	85	27.2	59	77	-13	0.8	17.1	-15.9	-2.4	33.4	-15	11	0.18	-0.80	-1.47
																	47	73	56	47	70	51	56	65	62	47	18	75	73	39	21	47	70	63	32	35	32
ZAM 250040	98971062	1	LFR 190008		ZAM 180212		93	114	99	93	99	107	112	96	105	109	101	89	108	106	114	99	108	113	97	104	87	100	101	111	87	107	98	106	100	93	85
							69	70	52	48	36	53	64	42	51	32	24	2.14	-2.6	31	22.3	3.4	93	36.9	68	45	-16	0.3	13.3	-15.3	1.8	36.3	-4	19	0.66	-0.97	-1.30
																	48	74	57	48	70	52	57	65	63	51	17	75	74	40	20	48	71	64	31	34	31
ZAM 250043	98971096	1	LFR 190008		ZAM 180103		98	103	111	95	120	115	105	95	112	110	100	96	104	103	103	111	110	106	93	106	77	104	98	116	118	103	86	101	103	94	82
							68	70	52	48	34	53	64	42	51	32	24	1.35	-2.1	26	16.3	7.0	97	29.9	54	51	1	0.6	11.4	-18.4	-3.8	33.9	-14	15	0.99	-0.85	-1.62
																	47	73	57	48	70	52	57	64	62	46	17	75	73	38	19	46	70	63	31	34	31
ZAM 250046	98971120		LFR 190008		ZAM 150170		102	103	98	90	115	107	99	100	105	111	101	97	113	110	103	98	96	107	103	107	97	100	110	112	114	102	105	112	103	96	90
							69	70	53	47	35	53	64	44	51	34	25	1.26	-3.3	37	16.4	3.2	64	31.6	91	52	-32	0.3	18.8	-16.2	-3.0	32.8	0	24	1.01	-0.63	-0.86
																	48	74	57	47	70	53	57	65	63	46	20	75	73	38	20	48	71	64	33	36	33
ZAM 250048	98971146		LFR 190008		ZAM 150035		92	116	108	87	108	116	117	96	112	112	106	87	111	113	116	108	113	111	102	87	95	108	107	111	102	104	103	115	105	91	85
							69	71	54	47	36	54	65	42	52	32	31	2.32	-3.0	41	23.3	6.0	105	35.2	88	4	-28	0.8	16.8	-15.3	-1.0	34.1	-1	27	1.21	-1.40	-1.33
																	47	74	57	47	71	54	57	62	63	47	16	75	74	39	20	48	71	64	30	33	31
ZAM 250049	98971153	1	LFR 190008		ZAM 190038		77	127	112	80	112	123	128	121	124	133	122	74	93	122	127	112	121	132	116	104	96	116	106	119	100	108	96	117	113	104	98
							68	70	51	47	36	53	63	42	51	32	52	3.69	-0.7	55	29.6	7.5	125	53.7	140	46	-30	1.2	16.4	-19.8	-0.5	36.8	-7	28	2.03	0.72	-0.24
																	47	73	56	47	70	51	56	66	63	52	17	75	73	40	20	47	71	64	31	34	31
ZAM 250051	98971179	1	LFR 190008		ZAM 180227		109	98	95	97	104	100	95	94	98	101	95	109	106	102	98	95	93	104	96	115	87	109	91	109	98	104	91	100	102	97	87
							68	69	49	46	35	52	62	42	50	32	16	0.06	-2.3	25	14.1	2.2	57	28.9	65	72	-15	0.8	7.5	-14.0	-0.2	34.4	-10	14	0.89	-0.35	-1.11
																	47	73	56	46	69	49	55	64	62	46	17	75	72	39	20	46	70	63	31	34	31
ZAM 250058	98971245		LFR 190008		ZAM 170016		94	110	123	85	115	122	115	114	121	123	113	94	102	114	110	123	120	120	110	118	103	87	92	120	106	105	118	121	111	103	97
							68	67	50	46	32	51	61	41	49	32	41	1.61	-1.8	43	20.2	10.9	121	42.7	117	79	-41	-0.4	8.2	-20.7	-1.6	35.1	11	32	1.76	0.53	-0.33
																	46	73	56	46	67	50	54	60	60	47	16	75	72	34	16	45	69	62	31	33	31

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
																																				Sire ID
ZAM 250059	98971252	1	LFR 190008		94	105	96	104	109	105	102	103	104	112	89	92	99	95	105	96	104	109	107	113	103	110	123	107	105	105	101	107	102	107	91	
			ZAM 190157		68	70	51	48	37	53	63	44	51	40	8	1.80	-1.4	14	17.4	2.6	83	33.3	105	67	-41	0.9	26.7	-13.2	-1.5	34.6	-2	20	0.88	1.22	-0.83	
															47	73	57	48	70	51	56	65	63	48	20	76	73	41	22	48	71	64	38	41	38	
ZAM 250060	98971260		LFR 190008		112	94	100	100	109	103	94	97	101	99	92	111	133	99	94	100	95	99	100	99	87	112	92	108	105	104	90	98	89	83	82	
			ZAM 190242		68	70	52	48	36	53	64	44	51	38	13	-0.22	-6.1	20	11.5	3.8	61	24.5	78	34	-16	1.0	7.8	-13.9	-1.5	34.3	-11	12	-0.43	-2.58	-1.60	
															47	73	57	48	70	52	57	65	63	47	19	76	73	40	21	48	71	64	36	39	36	
ZAM 250068	98971336	1	LFR 190008		108	106	98	101	100	109	110	97	107	108	98	104	120	97	106	98	106	112	99	114	91	100	109	103	95	106	95	102	104	100	83	
			ZAM 180145		68	70	51	48	36	53	63	42	51	32	20	0.55	-4.3	18	18.3	3.2	88	35.9	74	69	-22	0.3	18.0	-10.9	0.3	35.6	-7	15	1.05	0.06	-1.51	
															47	73	56	48	70	51	56	65	63	48	17	75	73	40	20	47	70	63	31	34	31	
ZAM 250071	98971369	1	CEF 200410		87	110	109	89	115	112	107	120	114	120	105	87	98	110	110	109	110	119	120	108	116	120	123	125	106	104	108	113	118	111	98	
			ZAM 200161		66	68	46	45	31	50	61	41	48	34	30	2.34	-1.4	37	20.2	6.4	99	42.2	154	56	-63	1.5	26.4	-23.1	-1.6	34.3	3	25	2.51	1.79	-0.19	
															44	72	53	45	68	46	53	60	58	19	17	74	71	32	18	43	68	60	32	35	32	
ZAM 250073	98971385		CEF 200410		89	118	114	82	122	126	121	104	123	118	124	87	106	120	118	114	117	120	109	85	107	107	119	116	125	102	114	118	120	108	97	
			ZAM 160012		68	70	51	47	33	52	63	42	50	34	55	2.35	-2.4	51	24.8	8.0	114	43.1	114	0	-48	0.7	24.1	-18.4	-4.9	33.1	8	30	2.71	1.26	-0.34	
															47	74	56	47	70	51	56	60	60	21	18	75	72	33	21	46	70	61	32	36	32	
ZAM 250075	98971401		CEF 200410		94	102	109	97	117	111	104	91	107	97	100	89	106	101	102	109	109	102	97	101	94	112	92	115	117	101	93	100	105	93	88	
			ZAM 170084		68	70	51	47	33	52	63	42	50	34	23	2.09	-2.4	23	16.2	6.4	96	26.8	67	39	-26	1.0	7.9	-17.7	-3.6	32.5	-9	14	1.22	-1.09	-1.08	
															47	73	56	47	70	51	56	61	60	19	17	74	72	33	20	46	69	61	32	35	32	
ZAM 250080	98971450	13	LFR 190008		106	105	91	102	116	112	104	117	113	116	90	102	117	96	105	91	98	112	116	102	105	110	105	123	104	107	111	114	106	96	90	
			ZAM 220016		67	69	49	47	36	52	62	44	50	39	10	0.77	-3.9	16	17.4	0.9	70	36.0	140	40	-45	0.9	15.7	-22.1	-1.2	35.8	5	26	1.29	-0.63	-0.87	
															46	73	55	47	69	49	55	64	63	51	21	76	73	41	20	46	71	64	38	40	38	
ZAM 250082	98971476	1	CEF 200410		114	93	99	99	123	109	92	97	107	102	98	114	110	100	93	99	92	99	101	101	98	117	102	128	114	102	99	103	102	105	93	
			ZAM 180011		67	69	49	46	33	51	62	42	49	34	21	-0.44	-2.9	22	11.0	3.4	55	24.5	84	39	-34	1.3	14.0	-25.1	-3.1	33.0	-4	16	0.84	0.78	-0.63	
															46	73	55	46	69	49	55	58	60	19	17	74	72	33	20	46	69	61	32	35	32	
ZAM 250095	99049686	2	LFR 190008		114	100	90	102	97	99	99	93	97	100	92	110	121	97	100	90	92	102	95	110	87	121	93	103	96	101	90	99	96	88	75	
			ZAM 180183		69	70	52	48	37	53	64	43	51	34	13	-0.04	-4.4	18	14.7	0.5	54	26.7	62	61	-15	1.5	8.4	-10.7	0.2	32.6	-11	13	0.31	-1.80	-2.16	
															48	74	57	48	70	52	57	66	63	47	18	76	73	41	22	49	71	64	32	35	32	
ZAM 250096	99695983	1	ZAM 210026		112	96	107	126	106	117	111	92	113	99	77	109	104	78	96	107	117	97	94	94	90	104	104	107	101	106	88	93	95	100	98	
			ZAM 220051		64	66	45	41	33	49	59	40	47	32	-8	0.04	-2.1	-10	12.8	5.9	114	22.5	56	20	-21	0.6	15.4	-13.2	-0.8	35.4	-12	7	0.20	0.11	-0.19	
															45	70	51	41	66	45	51	56	57	31	17	73	70	35	20	44	67	58	32	33	32	
ZAM 250097	99049694	1	ZAM 210026		131	88	103	126	103	114	104	97	111	102	75	129	114	78	88	103	103	94	96	107	91	110	111	105	98	106	90	93	97	105	104	
			ZAM 220035		65	66	44	46	33	49	59	30	45	32	-11	-2.03	-3.4	-10	8.4	4.6	81	19.7	65	52	-22	0.9	19.4	-12.1	-0.2	35.7	-11	8	0.36	0.80	0.30	
															45	71	53	46	66	44	52	48	41	28	17	38	46	35	20	44	45	41	32	33	32	
ZAM 250098	99694119		ZAM 140030		104	82	96	123	110	92	81			75	79	107	85	81	82	96	88	78	73	83	75	90	90	111	122	75	90	79	79	79	87	100
					59	60	40	37	24	43	53			10	-5	0.21	0.5	-6	5.1	2.5	45	5.2	-23	-5	5	-0.2	6.8	-15.5	-4.5	17.0	-11	-5	-1.37	-1.95	-0.10	
															37	65	46	37	60	40	46	38	25	23	10	21	31	23	14	34	30	27	10	11	10	

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250101	99049710	1	CEF 200410 ZAM 200005				87 67	111 69	107 48	102 46	117 34	118 51	113 62	94 35	114 48	106 40	99 22 46	86 2.45 73	92 -0.5 54	96 16 46	111 20.9 69	107 5.9 48	119 120 54	112 36.1 54	98 72 48	93 18 25	96 -31 20	116 1.2 49	103 14.7 53	120 -20.7 35	110 -2.4 21	104 34.5 46	97 -5 51	101 15 48	108 1.46 38	114 2.20 42	97 -0.34 39
ZAM 250103	99049736	1	ZAM 210026 ZAM 220030				114 64	100 66	106 45	125 46	103 32	120 49	116 59	90 30	114 45	101 32	78 -6 45	110 -0.12 70	105 -2.3 52	79 -8 46	100 15.1 66	106 5.5 45	119 120 52	98 23.2 48	88 35 41	85 0 28	81 -5 17	112 1.0 38	126 28.1 47	106 -12.8 35	97 0.0 19	106 35.3 43	87 -14 45	92 6 42	107 1.41 31	95 -0.77 33	92 -0.76 31
ZAM 250104	99049744	1	CEF 200410 ZAM 200092				80 67	109 69	101 47	87 46	113 34	101 51	99 62	102 34	101 48	103 38	109 35 46	76 3.53 73	96 -1.0 54	114 43 46	109 20.0 69	101 4.0 47	102 78 54	116 39.5 54	95 97 48	110 59 21	100 -36 19	106 0.6 49	103 14.5 52	116 -17.9 35	109 -2.1 20	103 33.8 46	105 1 51	107 20 48	101 0.81 37	94 -0.95 40	93 -0.67 37
ZAM 250105	99049751	1	CEF 200410 ZAM 200108				96 66	108 69	103 47	97 45	110 32	111 51	108 61	97 34	108 48	105 34	105 30 45	93 1.73 72	104 -2.1 53	102 24 45	108 19.1 69	103 4.7 47	109 95 54	111 35.2 54	101 84 46	96 25 29	99 -35 18	101 0.4 46	102 13.9 52	111 -15.2 33	108 -1.9 18	102 33.1 44	107 3 51	110 23 47	110 1.65 32	102 0.32 36	95 -0.50 33
ZAM 250107	99049777	1	LFR 190008 ZAM 170053				83 68	112 70	99 52	88 47	94 35	95 53	103 63	106 36	96 50	107 33	108 35 47	84 2.70 73	95 -0.9 56	112 40 47	112 21.5 70	99 3.3 52	103 81 56	116 39.7 59	107 107 51	116 75 46	100 -37 18	101 0.4 49	106 16.5 54	100 -8.9 39	95 0.4 20	98 30.6 47	102 -2 54	105 18 51	102 0.84 32	98 -0.25 34	91 -0.83 32
ZAM 250109	99049793	1	ZAM 210026 ZAM 220044				124 64	88 66	97 45	129 46	101 33	107 49	100 59	93 30	104 45	98 32	77 -8 45	121 -1.25 70	109 -2.8 53	76 -13 46	88 8.6 66	97 2.9 45	100 73 52	91 17.1 48	93 54 42	95 25 29	89 -18 17	111 0.9 39	108 17.7 47	108 -13.5 35	95 0.4 20	102 33.2 44	86 -14 46	91 6 43	95 0.22 32	101 0.21 33	100 -0.09 32
ZAM 250111	99049819	1	CEF 200410 ZAM 180215				93 67	101 69	101 50	99 46	119 33	106 51	97 62	97 34	104 48	101 34	97 19 46	94 1.63 73	94 -0.8 55	99 21 46	101 15.5 69	101 3.9 50	102 78 55	106 30.2 55	99 75 48	102 39 19	96 -30 17	111 0.9 46	101 13.4 53	124 -22.6 34	112 -2.7 20	103 33.5 46	106 1 51	103 16 48	102 0.86 32	100 -0.01 35	93 -0.65 32
ZAM 250117	99049868		CEF 200410 ZAM 160023				96 68	112 70	111 51	90 47	117 33	121 52	115 63	99 34	117 48	105 34	112 40 47	91 1.90 73	111 -3.0 56	109 35 47	112 21.2 70	111 7.1 51	115 109 56	113 36.9 54	105 98 47	106 50 19	107 -48 17	106 0.6 48	104 15.0 54	111 -15.5 33	122 -4.5 21	99 31.4 46	117 11 52	116 28 48	111 1.77 32	104 0.76 35	94 -0.59 32
ZAM 250118	99049876	1	CEF 200410 ZAM 160090				108 68	97 70	107 51	105 47	136 34	124 52	102 63	96 35	120 49	104 35	93 14 47	105 0.41 73	106 -2.4 56	93 12 47	97 13.1 70	107 6.0 51	107 91 56	105 29.1 54	98 73 48	106 51 20	98 -34 19	115 1.1 45	98 11.7 55	137 -30.1 34	126 -5.2 21	110 37.7 47	98 -5 53	101 15 49	100 0.66 33	118 2.96 37	94 -0.56 33
ZAM 250119	99049884	1	CEF 200410 ZAM 190193				106 67	95 69	95 48	106 46	123 33	109 51	94 62	92 34	105 48	93 34	94 15 46	104 0.61 73	106 -2.4 54	93 12 46	95 12.5 69	95 2.2 48	95 62 54	100 24.6 54	96 64 47	107 53 22	99 -35 18	112 1.0 45	99 12.4 52	133 -27.7 33	113 -2.9 20	100 31.6 45	95 -7 50	91 5 47	97 0.38 32	109 1.52 35	92 -0.72 32
ZAM 250122	99696643	1	CEF 200410 ZAM 150151				99 68	97 70	92 51	104 46	126 34	106 52	92 63	95 35	103 49	98 36	95 16 47	96 1.42 74	104 -2.1 56	94 14 46	97 13.2 70	92 1.2 51	93 53 56	102 27.0 55	101 83 47	108 56 20	108 -50 20	103 0.5 48	106 16.4 52	129 -25.9 33	120 -4.1 21	99 31.0 48	110 4 50	105 18 46	105 1.16 34	100 0.06 38	94 -0.59 34
ZAM 250125	99696015	1	CEF 200410 ZAM 190134				108 67	104 68	102 46	96 45	120 32	119 50	107 61	97 34	115 47	101 34	102 26 45	104 0.57 73	114 -3.4 54	102 25 45	104 17.3 68	102 4.3 46	104 84 53	107 31.2 53	102 86 47	98 31 21	102 -40 18	111 1.0 45	110 18.9 53	121 -21.1 32	112 -2.7 20	110 38.0 44	99 -4 51	106 19 47	114 2.09 32	94 -0.89 35	85 -1.32 32

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				Sire ID	Dam ID																															
ZAM 250126	99696023		CEF 200410 ZAM 130208			103 69	101 70	107 53	93 47	120 34	114 53	103 64	97 35	111 49	104 33	107 33	98 1.13	117 -3.9	106 30	101 15.7	107 5.8	104 83	104 28.7	102 88	95 23	101 -39	101 0.4	105 15.8	118 -19.4	119 -3.9	100 31.6	110 5	109 21	106 1.33	101 0.23	92 -0.74
ZAM 250128	99696049	1	CEF 200410 ZAM 170087			107 68	100 70	101 51	99 47	127 35	117 53	102 63	95 36	113 50	105 36	98 21	104 0.54	108 -2.7	99 20	100 15.1	101 4.0	102 77	106 30.0	100 78	100 36	98 -33	114 1.1	97 10.9	128 -25.0	122 -4.4	103 33.7	97 -5	105 18	106 1.29	111 1.74	97 -0.27
ZAM 250130	99696056	1	ZAM 210026 ZAM 220026			115 64	96 66	104 45	128 42	103 33	115 49	111 59	96 31	112 45	105 32	73 -13	113 -0.42	99 -1.5	77 -13	96 12.8	104 4.9	115 109	98 23.0	97 70	91 15	89 -19	124 1.6	118 23.7	105 -12.0	98 -0.2	105 35.0	87 -14	94 9	106 1.29	105 0.80	105 0.33
ZAM 250131	99696064	4	LFR 190008 ZAM 220020			102 67	95 69	95 49	107 42	103 35	96 51	94 62	102 36	97 48	101 37	87 6	97 1.25	108 -2.6	92 10	95 12.5	95 2.3	96 63	104 28.7	103 90	118 79	92 -23	97 0.2	93 8.9	111 -15.5	96 0.2	101 32.7	84 -15	94 8	96 0.25	94 -0.94	80 -1.74
ZAM 250132	99696072	1	CEF 200410 ZAM 180033			114 67	93 69	111 50	104 46	115 32	113 51	101 62	104 34	112 48	101 34	92 13	111 -0.16	111 -3.0	93 12	93 11.0	111 7.2	107 89	101 25.6	107 108	117 76	111 -55	109 0.8	110 18.8	118 -19.3	111 -2.4	103 33.6	101 -2	97 11	100 0.64	110 1.57	97 -0.31
ZAM 250133	99694135		ZAM 140182			91 59	94 60	96 41	110 37	113 25	96 44	88 53			80 7	90 9	94 1.58	83 0.7	89 6	94 11.5	96 2.6	96 65	92 18.0	85 21	98 32	85 -12	103 0.5	104 15.2	120 -20.5	121 -4.3	77 17.8	89 -12	87 2	84 -0.87	87 -2.06	92 -0.70
ZAM 250139	99696106	1	LFR 190008 ZAM 180287			94 68	95 70	89 52	108 48	108 36	92 53	88 64	93 36	90 50	102 33	85 3	92 1.86	96 -1.1	91 8	95 12.5	89 0.4	91 51	101 25.9	94 57	100 36	84 -10	100 0.3	96 10.6	115 -17.6	100 -0.5	105 34.9	95 -7	96 10	94 0.11	94 -0.88	87 -1.15
ZAM 250141	99696122	1	LFR 190008 ZAM 170090			95 68	106 70	112 53	95 47	92 35	103 53	109 64	107 35	103 49	114 33	102 26	94 1.65	101 -1.8	104 27	106 18.2	112 7.3	113 106	112 35.7	105 99	119 81	92 -23	108 0.7	103 14.4	97 -7.6	88 1.5	105 34.9	98 -5	108 21	102 0.86	96 -0.65	87 -1.15
ZAM 250142	99696130	1	LFR 190008 ZAM 150109			100 69	110 70	91 52	91 48	105 37	105 53	104 64	101 35	104 49	109 32	103 27	97 1.24	122 -4.5	110 36	110 20.4	91 1.0	97 66	109 32.7	103 91	94 23	92 -23	97 0.2	97 11.2	106 -12.7	108 -1.9	95 28.8	96 -6	108 21	105 1.15	94 -0.89	84 -1.40
ZAM 250143	99696148	1	LFR 190008 ZAM 190049			102 68	97 70	96 52	109 47	104 36	100 53	97 63	92 36	97 50	100 32	84 2	98 1.17	106 -2.4	90 7	97 13.3	96 2.5	99 71	103 27.7	94 58	105 48	88 -17	98 0.2	108 17.5	111 -15.2	96 0.1	104 34.4	88 -13	96 10	98 0.52	97 -0.49	85 -1.36
ZAM 250145	99696163	1	CEF 200410 ZAM 190010			95 67	109 69	99 49	95 46	105 33	107 51	107 62	98 34	105 48	103 34	103 28	93 1.68	102 -1.9	104 27	109 19.8	99 3.4	105 86	111 35.1	102 87	100 35	100 -36	108 0.8	109 18.2	111 -15.6	98 -0.1	105 35.0	104 0	107 20	101 0.79	101 0.25	92 -0.74
ZAM 250150	99696213	1	ZAM 210026 ZAM 220025			105 65	95 66	103 45	122 41	101 33	106 49	104 59	95 30	103 45	101 32	80 -3	105 0.48	93 -0.7	82 -5	95 12.5	103 4.7	109 96	99 24.5	95 61	114 70	90 -21	114 1.1	111 19.2	103 -10.6	96 0.1	105 34.9	91 -10	96 10	95 0.21	103 0.57	103 0.23

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250153	99317695	1	LFR 190008		ZAM 170154		109	93	100	108	99	97	95	101	97	107	88	105	108	91	93	100	98	100	102	103	93	98	96	99	97	103	94	104	102	95	90
							68	70	53	48	36	53	64	36	50	34	7	0.43	-2.6	8	11.2	3.7	69	24.9	86	43	-24	0.2	10.4	-8.6	0.0	33.5	-8	17	0.89	-0.66	-0.89
																	48	73	57	48	70	53	57	60	51	52	20	49	55	39	20	48	55	52	32	35	32
ZAM 250154	99317703		CEF 200410		ZAM 150049		115	99	100	96	120	115	102	97	112	102	98	110	120	103	99	100	98	101	103	99	106	104	109	121	118	98	108	109	104	99	93
							68	70	51	46	33	52	63	34	48	32	21	-0.06	-4.3	26	14.3	3.8	68	25.9	92	33	-46	0.5	17.9	-21.3	-3.7	30.4	4	22	1.05	-0.05	-0.62
																	46	73	55	46	70	51	56	54	48	19	17	47	54	32	19	47	53	49	31	34	31
ZAM 250156	99317711	5	ZAM 210026		ZAM 220087		106	97	116	119	98	113	111	94	109	104	84	107	91	83	97	116	123	98	93	111	88	111	96	97	97	105	94	97	99	105	100
							63	65	42	44	29	47	58	26	43	24	2	0.20	-0.4	-3	13.4	8.6	128	23.3	51	63	-18	0.9	10.4	-7.1	-0.1	35.1	-8	11	0.63	0.78	-0.10
																	43	70	51	44	65	42	50	46	38	19	12	33	44	30	16	40	43	39	23	24	23
ZAM 250161	99317760	1	ZAM 190208		ZAM 140063		78	122	118	78	83	104	123	107	104	115	120	70	94	125	122	118	120	119	109	103	100	99	107	92	81	101	111	116	107	94	114
							69	70	52	48	36	53	64	31	49	23	50	4.12	-0.7	59	26.5	9.3	120	42.2	112	44	-36	0.3	16.8	-4.3	2.8	32.7	6	28	1.43	-0.85	1.14
																	47	74	57	48	70	52	57	58	43	40	15	35	55	35	21	51	52	48	22	24	22
ZAM 250162	99317778	1	ZAM 190208		ZAM 170223		91	108	89	102	105	101	101	92	98	102	87	90	95	97	108	89	100	108	93	96	82	106	102	114	96	108	80	91	91	100	106
							68	69	50	48	35	52	63	30	48	23	7	1.98	-0.9	18	19.3	0.5	73	32.1	53	25	-8	0.6	13.7	-17.1	0.1	36.9	-19	6	-0.25	0.09	0.45
																	47	73	56	48	69	50	56	56	43	46	15	32	54	35	22	49	52	48	22	24	22
ZAM 250166	99482747	1	CEF 200410		ZAM 180135		112	96	98	116	117	114	102	94	110	99	86	109	107	85	96	98	102	101	97	99	96	109	107	121	109	106	100	99	100	107	93
							67	68	49	47	32	51	62	34	48	34	5	0.07	-2.6	0	12.7	3.0	79	26.1	68	34	-30	0.8	16.8	-21.3	-2.2	35.4	-3	13	0.65	1.22	-0.68
																	47	73	55	47	68	49	55	52	47	21	18	46	53	31	20	46	52	48	32	36	33
ZAM 250169	99482770	1	CEF 200410		ZAM 170247		100	103	114	97	121	120	109	102	117	107	104	99	103	100	103	114	115	109	105	111	101	105	108	124	113	103	110	110	105	101	96
							67	69	49	46	33	51	62	34	48	34	28	1.12	-1.9	23	16.7	8.1	110	32.7	97	63	-39	0.6	17.7	-22.8	-2.8	33.8	5	23	1.15	0.20	-0.39
																	46	73	55	46	69	49	55	54	47	18	18	45	53	33	20	46	50	47	32	35	32
ZAM 250170	99482788	1	ZAM 190208		ZAM 170188		79	113	97	90	95	94	103	99	94	105	103	69	88	110	113	97	104	113	99	109	87	92	101	98	97	101	96	100	96	96	112
							67	69	49	47	34	52	62	28	47	23	27	4.19	0.0	37	21.9	2.9	83	36.7	74	58	-15	-0.1	13.3	-8.0	0.0	32.5	-6	13	0.32	-0.64	0.99
																	46	73	55	47	69	49	55	54	40	41	14	32	52	33	21	48	49	45	22	24	22
ZAM 250172	99482804	1	ZAM 210026		ZAM 220073		98	104	107	120	80	102	113	83	97	98	85	101	81	83	104	107	121	102	83	94	89	121	113	84	75	109	85	89	104	101	96
							63	65	42	44	29	47	58	27	43	24	3	0.84	0.9	-3	17.1	5.9	125	26.7	14	21	-18	1.5	20.7	-0.1	3.9	37.0	-15	4	1.06	0.21	-0.41
																	43	70	51	44	65	42	50	46	38	20	13	32	44	28	17	41	42	38	24	25	24
ZAM 250173	99482812	1	CEF 200410		ZAM 200127		112	107	100	96	110	117	111	98	114	105	103	108	117	102	107	100	105	109	101	99	105	102	95	111	107	104	112	110	124	100	101
							66	69	48	46	33	51	62	36	48	37	27	0.12	-3.8	26	18.5	3.8	85	32.7	84	34	-44	0.4	10.0	-15.4	-1.9	34.5	7	23	3.06	0.12	0.06
																	46	72	54	46	69	48	54	54	47	29	23	47	53	34	19	45	52	48	35	39	35
ZAM 250174	99482820	1	ZAM 190208		ZAM 160001		107	88	94	99	80	75	81	92	75	91	92	105	107	99	88	94	84	92	94	107	89	91	104	94	78	96	81	88	91	88	101
							68	69	51	48	35	52	63	30	48	22	13	0.42	-2.5	21	8.3	2.0	34	18.0	58	52	-18	-0.2	15.1	-5.7	3.3	29.7	-18	3	-0.23	-1.82	0.04
																	48	73	56	48	69	51	56	55	42	42	14	32	54	34	21	50	52	48	21	22	21
ZAM 250179	99482861	1	CEF 200410		ZAM 140210		90	97	100	106	110	98	93	100	97	103	96	92	84	92	97	100	102	106	103	104	106	106	109	118	104	99	102	101	105	106	98
							68	70	51	46	34	52	63	34	48	36	19	1.79	0.5	11	13.5	3.8	78	29.9	89	45	-46	0.7	18.1	-19.3	-1.3	31.3	-2	14	1.14	1.04	-0.20
																	46	74	56	46	70	51	56	54	46	19	20	49	51	33	22	48	50	47	34	38	35

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250181	99482879	1	ZAM 190208	ZAM 170078	85	112	104	91	95	100	108	94	98	104	106	85	96	108	112	104	110	113	94	111	84	97	98	102	92	104	89	95	97	99	108		
					68	69	51	48	36	53	63	30	48	23	32	2.53	-1.0	34	21.4	5.1	97	36.8	56	63	-10	0.2	11.4	-10.4	0.8	34.0	-12	10	0.38	-0.14	0.61		
															48	73	56	48	69	51	56	56	42	46	14	32	54	35	22	50	51	47	22	24	22		
ZAM 250182	99482887	1	ZAM 210026	ZAM 220101	103	103	104	110	88	102	109	99	101	102	90	100	102	89	103	104	113	100	99	101	99	102	96	85	89	105	101	101	102	97	98		
					64	66	43	45	29	48	59	28	44	30	10	0.94	-1.9	6	16.4	5.0	105	24.7	74	39	-35	0.4	10.3	-0.3	1.3	34.7	-3	15	0.84	-0.45	-0.26		
															43	70	51	45	66	43	51	47	39	20	13	38	45	29	17	42	44	40	29	31	29		
ZAM 250187	99631160		ZAM 190208	ZAM 140173	93	87	115	107	84	83	88	97	83	99	86	96	83	91	87	115	106	94	97	107	83	94	107	92	79	109	71	85	94	92	115		
					68	70	52	48	34	53	64	30	48	22	4	1.37	0.7	8	8.1	8.2	88	19.9	68	54	-8	0.0	16.8	-4.8	3.1	37.2	-26	0	0.09	-1.24	1.19		
															47	73	57	48	70	52	57	56	43	40	15	33	54	34	20	49	52	47	22	23	22		
ZAM 250190	99631194	4	ZAM 190208	ZAM 180160	115	92	93	105	89	90	92	87	87	93	87	110	116	93	92	93	90	96	86	112	78	92	109	92	88	106	78	84	93	93	101		
					67	69	49	47	33	51	62	28	46	20	6	-0.12	-3.8	12	10.4	1.7	48	21.5	28	64	-1	-0.1	18.2	-4.4	1.6	35.3	-20	0	-0.02	-1.00	0.06		
															47	73	55	47	69	49	55	55	41	41	12	31	52	31	19	48	49	45	20	21	20		
ZAM 250192	99631210	1	ZAM 190146	ZAM 210021	117	103	94	101	114	116	106	89	111	96	91	113	117	98	103	94	99	99	94	99	93	121	91	106	116	106	92	102	114	99	90		
					64	67	44	44	30	49	59	29	45	18	12	-0.42	-3.9	19	16.4	1.8	70	24.5	56	34	-24	1.5	7.5	-12.5	-3.3	35.8	-9	15	2.05	-0.03	-0.90		
															44	71	51	44	67	44	52	54	38	42	16	26	49	30	17	44	45	41	17	19	17		
ZAM 250193	99631228	1	LFR 190008	ZAM 160255	117	89	83	108	111	95	85	99	95	94	87	112	117	91	89	83	79	96	100	111	91	97	94	116	104	102	86	86	87	95	89		
					68	61	52	47	35	50	59	36	47	33	6	-0.31	-3.8	9	9.0	-1.5	22	21.7	79	62	-22	0.1	9.3	-18.1	-1.4	33.2	-14	1	-0.64	-0.69	-0.98		
															47	73	57	47	61	52	53	58	52	51	18	52	57	39	21	46	56	54	32	34	32		
ZAM 250197	99633844	4	LFR 190008	ZAM 220022	107	97	106	105	105	108	103	105	107	108	92	102	113	92	97	106	107	105	104	114	92	92	97	111	97	105	92	100	98	93	85		
					67	69	50	47	35	52	62	36	49	38	12	0.74	-3.4	11	13.5	5.7	91	29.8	95	69	-23	-0.1	11.0	-15.4	0.0	34.6	-10	14	0.49	-1.11	-1.36		
															45	72	55	47	69	50	55	59	52	49	19	53	55	40	19	46	54	53	36	39	36		
ZAM 250211	99631327	1	CEF 200410	ZAM 160064	96	105	98	104	128	118	105	89	112	98	96	92	102	94	105	98	107	107	93	108	93	113	96	134	120	100	89	97	104	107	90		
					67	70	50	47	34	52	63	35	49	35	18	1.80	-1.8	13	17.7	3.2	90	31.3	54	56	-25	1.0	10.1	-28.3	-4.2	32.1	-11	11	1.08	1.19	-0.88		
															47	73	55	47	70	50	56	53	48	22	19	46	53	34	21	47	52	48	33	37	34		
ZAM 250212	99697138	5	ZAM 190146	ZAM 210011	133	99	97	98	108	118	107	86	112	96	94	130	137	101	99	97	97	94	92	91	87	124	101	103	108	105	76	94	104	100	87		
					65	67	44	45	32	49	60	28	45	24	15	-2.19	-6.6	23	14.7	2.8	65	19.8	49	15	-15	1.7	13.6	-10.6	-2.0	34.9	-22	9	1.13	0.12	-1.20		
															44	71	52	45	67	44	52	54	41	43	13	31	51	33	19	44	47	43	24	25	24		
ZAM 250215	99697161	1	ZAM 190208	ZAM 180192	88	109	95	99	81	90	104	93	89	99	95	88	94	99	109	95	105	112	93	122	87	92	116	87	81	103	86	92	101	96	106		
					67	69	49	47	34	52	62	29	47	22	16	2.26	-0.8	21	20.0	2.1	85	35.9	52	88	-15	-0.1	22.3	-1.8	2.9	33.8	-15	7	0.79	-0.59	0.43		
															47	73	55	47	69	49	55	56	42	42	13	31	53	34	20	48	51	47	21	22	21		
ZAM 250216	99697179	1	CEF 200410	ZAM 200226	98	112	100	93	112	115	112	101	113	106	109	94	107	106	112	100	108	115	105	109	106	107	103	115	109	102	107	112	112	107	93		
					66	69	47	45	32	51	61	32	47	34	36	1.55	-2.5	31	21.6	3.6	92	38.1	100	58	-46	0.7	14.6	-17.9	-2.2	33.2	3	25	1.83	1.10	-0.66		
															45	72	53	45	69	47	54	54	46	22	17	45	51	33	19	44	50	47	32	35	32		
ZAM 250218	6020087240	1	ZAM 190208	ZAM 170079	79	105	100	96	73	76	95	96	77	98	96	78	88	103	105	100	103	109	95	113	87	94	102	80	71	107	77	88	89	89	101		
					68	69	51	48	35	52	63	30	48	24	18	3.32	0.0	26	17.5	3.7	80	33.1	60	68	-15	0.0	14.0	2.2	4.7	35.9	-21	3	-0.44	-1.64	0.00		
															47	73	56	48	69	51	56	56	42	41	15	35	53	35	22	49	51	47	23	25	23		

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250219	6020087257	3	ZAM 190146	ZAM 210083	103	116	94	94	106	116	116	103	114	111	26	1.05	-3.0	30	23.6	1.7	89	35.5	112	40	-41	1.4	15.5	-9.6	-1.7	35.3	-6	27	2.77	0.73	-0.80		
ZAM 250222	6020087570	1	CEF 200410	ZAM 190159	98	104	105	98	100	104	105	97	102	100	24	1.66	-2.6	23	17.0	5.3	92	33.4	101	90	95	109	13.6	-9.3	-0.6	32.5	-2	16	0.43	-0.89	-0.90		
ZAM 260003	6020576135	1	TMB 200231	ZAM 210110	78	124	88	89	99	104	113	127	109	127	32	3.47	-0.4	39	28.0	0.1	88	51.2	122	113	119	101	24.5	-10.7	0.2	32.5	11	30	2.16	3.53	1.96		
ZAM 260004	6020576143	2	ZAM 190081	ZAM 200058	122	89	100	104	98	99	93	92	97	100	1	-1.24	-3.1	13	9.3	3.8	57	15.5	93	90	96	120	21.3	-7.3	-0.4	32.7	-19	-3	1.04	4.98	0.84		
ZAM 260005	6020580749	2	ZAM 190081	ZAM 200058	122	89	100	104	98	99	93	92	97	100	1	-1.24	-3.1	13	9.3	3.8	57	15.5	93	90	96	120	21.3	-7.3	-0.4	32.7	-19	-3	1.04	4.98	0.84		
ZAM 260006	6020576150	2	ZAM 190081	ZAM 180144	120	92	99	106	90	96	96	98	96	102	7	-1.03	-2.9	10	10.5	3.3	61	19.9	97	99	98	116	16.6	-9.5	1.8	31.6	-15	-1	0.90	3.35	0.21		
ZAM 260011	6020576192	3	ZAM 190081	ZAM 210052	87	104	108	101	102	102	103	101	101	106	10	1.99	0.7	16	17.1	6.1	104	27.7	101	100	98	113	19.3	-15.6	0.2	32.3	-8	6	1.06	3.59	0.98		
ZAM 260015	6020576226	3	ZAM 190081	ZAM 160067	95	98	95	100	109	96	91	90	93	96	12	1.31	-0.5	19	13.7	2.2	60	21.7	94	95	105	113	24.5	-16.8	-2.4	27.8	-8	3	0.98	3.12	0.36		
ZAM 260020	6020576275	1	ZAM 190081	ZAM 210013	92	100	97	111	106	99	97	88	96	95	0	1.62	0.3	5	14.7	2.8	82	23.3	88	91	90	118	10.3	-14.8	-1.1	32.4	-16	-4	1.29	3.77	0.70		
ZAM 260023	6020576309		CEF 190341	ZAM 180103	102	100	115	107	125	123	109	91	118	95	13	0.56	-0.6	8	15.0	8.2	118	23.7	92	102	89	100	7.6	-27.2	-3.5	33.3	-2	13	-0.19	-3.17	-0.74		
ZAM 260024	6020576317		CEF 190341	ZAM 200009	99	107	114	109	110	122	118	91	116	94	8	1.28	-1.4	6	18.8	7.9	136	28.3	93	102	90	104	11.9	-20.3	-0.5	35.2	-13	5	-0.15	-1.94	0.04		
ZAM 260029	6020576358	3	ZAM 190081	ZAM 200045	119	91	95	106	106	102	93	92	99	101	7	-0.84	-3.1	12	10.3	2.1	51	17.6	94	89	95	113	22.4	-15.6	-1.2	31.8	-13	2	1.24	3.78	0.43		

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ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260030	6020576366	1	CEF 190341 ZAM 190242				108 69	99 61	106 55	107 56	113 40	115 52	107 60	93 49	111 51	89 48	89 9	104 0.60	116 -3.7	91 8	99 14.7	106 5.5	110 98	101 25.6	94 56	100 35	90 -20	101 0.4	96 10.4	123 -22.4	103 -1.1	103 33.9	92 -9	91 6	80 -1.31	70 -4.69	95 -0.52
ZAM 260031	6020576374	1	CEF 190341 ZAM 200171				108 69	98 61	106 54	108 56	102 41	108 52	105 60	95 48	105 51	93 48	90 10	106 0.39	106 -2.4	90 8	98 14.1	106 5.5	109 96	101 25.6	95 60	105 49	91 -22	98 0.2	99 11.9	113 -16.5	94 0.4	104 34.2	101 -2	94 9	86 -0.73	74 -4.06	97 -0.31
ZAM 260034	6020576408	1	CEF 190341 ZAM 190038				80 69	118 61	117 53	103 55	118 39	127 52	125 60	101 48	124 51	105 44	98 21	84 2.70	77 1.5	95 14	118 24.8	117 8.9	136 160	116 39.6	100 79	103 43	98 -33	104 0.5	106 16.1	136 -29.7	98 -0.3	108 36.7	103 -1	102 15	94 0.07	86 -2.19	102 0.12
ZAM 260035	6020576416	3	ZAM 190081 ZAM 180027				94 67	97 57	97 48	101 46	100 32	91 47	90 55	93 28	89 43	94 12	93 14	97 1.31	89 -0.1	98 18	97 13.2	97 2.7	95 62	95 20.5	95 59	108 55	97 -32	119 1.4	112 20.1	106 -12.4	100 -0.5	96 29.6	89 -12	86 1	96 0.24	121 3.45	108 0.64
ZAM 260039	6020576440	1	CEF 190341 ZAM 170109				106 70	99 61	107 55	124 56	116 40	122 52	113 61	84 48	115 51	80 44	82 -1	102 0.74	102 -1.9	80 -7	99 14.6	107 6.0	119 120	98 22.9	84 20	97 28	91 -21	102 0.4	90 6.8	127 -24.8	105 -1.4	105 34.8	97 -6	88 3	79 -1.39	76 -3.75	91 -0.83
ZAM 260040	6020576457	1	CEF 190341 ZAM 180227				94 68	107 60	100 52	104 54	108 38	109 51	106 59	90 48	105 50	89 44	91 12	97 1.29	86 0.4	94 13	107 18.6	100 3.9	110 99	107 30.9	91 46	109 58	91 -23	107 0.7	92 8.2	123 -22.3	96 0.1	103 33.9	96 -6	93 7	92 -0.08	83 -2.64	99 -0.18
ZAM 260043	6020576481	1	CEF 190341 ZAM 180101				91 70	109 61	100 55	107 56	91 40	102 52	110 61	97 49	100 51	96 45	91 12	92 1.77	87 0.2	91 9	109 19.9	100 3.7	114 108	107 31.3	99 74	106 51	103 -41	93 0.0	102 14.2	100 -9.1	89 1.3	99 31.4	104 0	103 16	96 0.33	83 -2.69	103 0.17
ZAM 260045	6020576507	1	CEF 190341 ZAM 200212				94 68	111 60	103 52	108 55	113 39	119 51	116 59	96 48	115 50	97 44	88 7	93 1.70	93 -0.6	90 7	111 20.9	103 4.7	120 121	109 33.5	96 65	102 41	95 -28	99 0.2	96 10.1	126 -24.0	100 -0.6	105 35.1	98 -4	100 14	96 0.28	86 -2.20	102 0.12
ZAM 260049	6020576523	5	ZAM 190081 ZAM 210123				90 66	100 56	103 44	103 46	105 31	99 46	97 54	96 26	97 42	98 10	88 7	93 1.71	85 0.5	95 14	100 15.0	103 4.8	106 88	99 23.7	96 63	97 30	95 -28	117 1.3	112 19.7	110 -14.9	100 -0.5	103 33.4	89 -12	85 1	98 0.48	118 2.82	105 0.37
ZAM 260052	6020695513	1	CEF 190341 ZAM 150220				93 70	101 62	103 56	125 56	128 39	122 53	109 61	97 49	118 52	94 44	78 -6	94 1.64	83 0.7	79 -9	101 15.7	103 4.7	118 117	102 26.9	97 66	105 47	92 -24	101 0.4	102 14.1	147 -35.7	109 -2.1	104 34.3	91 -10	92 7	91 -0.23	83 -2.60	102 0.12
ZAM 260059	6020695570	1	LFR 190008 ZAM 190111				117 68	98 60	93 50	113 47	120 33	117 49	103 58	84 36	110 46	94 33	81 -3	113 -0.34	120 -4.3	87 2	98 13.7	93 1.7	99 72	102 26.7	87 31	108 56	80 -3	117 1.3	99 12.4	122 -21.5	113 -2.8	106 35.3	77 -21	88 3	96 0.25	100 0.08	83 -1.46
ZAM 260060	6020695588	1	CEF 200410 ZAM 200102				98 67	103 59	96 47	97 46	110 33	103 48	99 56	91 34	100 45	97 34	101 24	95 1.48	105 -2.2	102 25	103 16.5	96 2.4	98 69	107 31.1	96 64	97 28	94 -27	108 0.8	108 17.7	114 -17.2	105 -1.5	103 33.4	98 -4	100 14	97 0.37	102 0.34	91 -0.83

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Sire ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260061	1	CEF 200410		6020695596	91	104	117	99	125	120	108	96	116	103	101	92	93	98	104	117	119	109	99	107	103	109	96	125	121	103	114	112	104	106	92
		ZAM 190120			67	58	48	46	31	47	56	34	44	34	25	1.82	-0.6	20	16.8	8.8	118	32.9	77	52	-41	0.8	10.3	-23.2	-4.3	33.4	8	24	1.12	0.94	-0.77
															45	73	54	46	58	48	51	53	47	28	18	48	53	31	19	43	52	48	32	36	32
ZAM 260063	1	CEF 200410		6020695604	108	98	99	104	106	104	99	87	100	88	93	104	109	94	98	99	100	102	90	109	95	120	97	113	103	98	94	96	98	90	83
		ZAM 170072			67	60	49	47	34	49	57	34	46	34	15	0.52	-2.8	14	13.8	3.3	72	26.6	43	58	-28	1.4	11.2	-16.5	-1.2	30.6	-8	10	0.44	-1.50	-1.49
															47	73	55	47	60	49	52	56	48	27	18	50	54	35	22	46	53	49	33	36	33
ZAM 260066	1	LFR 190008		6020695612	109	105	111	103	103	117	115	108	116	112	92	104	114	95	105	111	117	108	109	103	98	106	109	110	94	104	90	102	98	104	88
		ZAM 200006			68	60	49	47	36	49	58	37	47	38	13	0.58	-3.4	15	17.5	7.0	114	32.5	115	44	-34	0.6	18.4	-14.9	0.4	34.4	-11	15	0.50	0.70	-1.06
															47	73	56	47	60	49	52	60	53	52	19	55	57	41	21	46	56	54	37	40	38
ZAM 260071	1	LFR 190008		6020833841	96	100	100	109	111	105	99	90	101	96	88	96	92	90	100	100	105	103	92	112	84	108	96	111	110	102	89	97	94	93	81
		ZAM 190057			68	60	50	47	35	49	58	36	46	34	7	1.43	-0.4	7	14.8	3.6	86	27.8	48	65	-10	0.8	10.5	-15.4	-2.4	33.1	-12	11	0.09	-1.03	-1.66
															47	73	56	47	60	50	52	60	52	47	18	53	56	39	21	46	55	53	32	35	32
ZAM 260073	1	CEF 200410		6020833866	103	100	101	104	123	114	101	90	109	93	94	101	102	94	100	101	104	102	94	99	94	123	99	124	120	102	97	97	100	100	90
		ZAM 190013			67	59	48	46	32	48	56	34	45	34	16	0.87	-1.9	13	14.7	4.0	83	26.4	58	33	-26	1.6	12.2	-22.8	-4.1	32.9	-5	11	0.70	0.12	-0.92
															46	73	54	46	59	48	51	54	47	20	18	48	53	32	20	44	52	48	32	36	33
ZAM 260077	1	LFR 190008		6020833908	114	96	104	105	99	105	103	96	103	105	88	109	114	93	96	104	104	100	97	104	86	115	108	102	93	107	88	98	98	99	87
		ZAM 200062			68	61	51	48	36	50	59	37	47	38	7	0.04	-3.5	12	13.0	5.0	83	24.8	68	44	-13	1.1	17.6	-10.3	0.8	35.8	-13	12	0.53	-0.17	-1.14
															47	73	57	48	61	51	53	58	53	52	19	55	57	41	21	46	56	54	37	40	38
ZAM 260080	1	LFR 190008		6020833932	97	100	109	97	100	101	102	95	99	100	95	92	111	101	100	109	107	102	96	103	86	112	106	104	96	101	93	101	97	84	81
		ZAM 160047			69	61	53	48	35	50	59	35	47	32	17	1.78	-3.0	23	15.1	6.3	90	26.8	66	42	-13	1.0	16.3	-11.3	0.1	32.6	-9	14	0.40	-2.44	-1.64
															49	74	58	48	61	53	54	58	52	48	16	51	57	39	20	47	55	52	31	33	31
ZAM 260082	1	LFR 190008		6020833957	115	98	97	103	111	110	101	104	109	110	88	112	124	95	98	97	98	105	104	106	94	105	99	118	100	110	92	103	98	104	87
		ZAM 200186			68	60	49	46	33	49	57	34	46	32	7	-0.22	-4.8	15	13.8	2.7	68	29.8	94	51	-27	0.6	12.0	-19.3	-0.5	37.9	-9	16	0.52	0.62	-1.13
															46	73	55	46	60	49	52	58	50	46	17	49	54	38	18	44	53	51	31	34	31
ZAM 260083	1	LFR 190008		6020833965	101	99	103	97	107	102	98	93	100	98	95	97	116	102	99	103	100	100	95	112	83	108	97	107	107	103	81	94	98	85	81
		ZAM 170084			69	61	53	48	36	50	59	36	47	32	17	1.30	-3.7	24	14.2	4.7	74	25.2	60	65	-9	0.7	10.9	-12.8	-1.8	33.4	-18	8	0.47	-2.28	-1.63
															49	74	58	48	61	53	54	60	53	46	16	53	57	40	20	47	56	54	31	33	31
ZAM 260089	1	ZAM 190208		6020834021	97	98	99	89	92	86	90	98	87	101	101	97	103	111	98	99	92	102	98	111	84	98	108	98	88	105	87	95	94	95	107
		ZAM 180011			67	58	48	47	34	48	56	28	44	21	25	1.33	-2.0	38	14.0	3.3	54	27.1	70	62	-10	0.2	17.8	-8.0	1.5	34.7	-14	9	0.07	-0.80	0.53
															47	73	55	47	58	48	51	54	42	40	12	35	53	34	20	48	51	46	20	22	20
ZAM 260091	1	CEF 200410		6020834047	90	103	105	92	105	99	98	102	99	100	109	94	91	107	103	105	103	110	106	111	109	108	107	110	105	96	110	105	103	106	97
		ZAM 170053			67	59	48	45	32	48	56	33	45	34	35	1.63	-0.3	32	16.6	5.2	81	34.3	102	62	-52	0.8	16.7	-14.9	-1.4	29.3	5	19	1.02	0.95	-0.33
															46	73	54	45	59	48	51	54	45	19	18	45	51	32	20	44	50	46	32	36	33
ZAM 260093	2	ZAM 190208		6020834062	106	94	100	94	74	80	91	92	79	89	95	102	117	105	94	100	92	94	93	112	88	96	98	86	71	103	79	87	92	90	98
		ZAM 150033			69	60	51	48	35	50	58	30	46	20	16	0.82	-3.9	29	11.7	3.6	54	20.0	54	64	-17	0.1	11.4	-1.3	4.6	33.8	-20	2	-0.08	-1.57	-0.19
															47	74	57	48	60	51	53	58	44	41	13	33	55	36	22	48	51	47	20	21	20

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260094			ZAM 190208	80	110	88	97	98	90	97	99	90	101	91	70	87	102	110	88	98	111	100	103	98	88	113	99	99	102	95	96	97	97	105
6020834070			ZAM 160013	69	59	50	48	34	49	57	30	45	26	12	4.09	0.2	26	20.3	-0.1	68	34.4	78	44	-33	-0.4	20.6	-8.5	-0.3	33.0	-7	10	0.36	-0.38	0.37
														48	74	57	48	59	50	52	55	40	40	18	36	52	33	21	49	50	46	24	27	24
ZAM 260095	1		LFR 190008	115	103	99	98	106	112	107	95	108	102	96	110	119	101	103	99	102	107	99	113	93	91	104	114	99	101	99	107	101	92	85
6020834088			ZAM 200093	68	60	49	47	34	49	57	36	46	33	18	-0.04	-4.2	23	16.5	3.5	77	31.3	74	66	-25	-0.2	15.1	-17.1	-0.3	32.4	-4	20	0.79	-1.14	-1.29
														46	73	56	47	60	49	52	59	52	47	18	52	56	39	19	44	55	53	32	34	32
ZAM 260096	1		CEF 200410	106	103	104	110	106	114	110	93	109	102	93	101	109	89	103	104	113	106	97	96	98	110	106	111	101	104	103	104	108	107	89
6020834096			ZAM 200049	67	59	47	46	32	48	56	34	45	34	14	0.89	-2.7	5	16.4	4.9	104	30.4	67	27	-33	0.9	16.3	-15.4	-0.8	34.0	-1	17	1.51	1.23	-0.97
														46	73	54	46	59	47	51	52	48	30	18	48	54	33	20	44	52	49	32	35	32
ZAM 260097	1		CEF 200410	106	95	103	101	119	109	96	95	106	94	102	103	108	97	95	103	99	106	97	143	103	108	111	125	115	96	94	98	108	106	88
6020834104			ZAM 200019	67	59	46	45	34	48	56	35	45	36	26	0.66	-2.6	18	12.5	4.5	72	30.2	69	140	-42	0.7	19.5	-23.4	-3.3	29.5	-8	12	1.45	0.94	-1.06
														44	73	54	45	59	46	50	54	48	22	20	47	53	35	22	45	51	48	34	37	34
ZAM 260098	1		CEF 200410	96	101	102	100	111	104	99	96	102	96	99	94	100	98	101	102	104	108	101	101	98	105	98	114	109	100	107	104	98	91	89
6020834112			ZAM 190137	57	59	46	46	35	46	55	36	44	38	23	1.60	-1.6	19	15.6	4.2	82	32.0	82	38	-34	0.6	11.6	-16.9	-2.1	32.0	3	17	0.52	-1.43	-1.00
														45	61	50	46	59	46	50	55	49	22	20	53	54	36	22	46	53	50	37	40	37
ZAM 260099	1		CEF 200410	96	101	102	100	111	104	99	96	102	96	99	94	100	98	101	102	104	108	101	101	98	105	98	114	109	100	107	104	98	91	89
6020834302			ZAM 190137	57	59	46	46	35	46	55	36	44	38	23	1.60	-1.6	19	15.6	4.2	82	32.0	82	38	-34	0.6	11.6	-16.9	-2.1	32.0	3	17	0.52	-1.43	-1.00
														45	61	50	46	59	46	50	55	49	22	20	53	54	36	22	46	53	50	37	40	37
ZAM 260101	1		LFR 190008	94	108	101	98	100	104	107	96	102	105	95	90	105	100	108	101	108	110	98	109	89	106	102	113	87	107	98	103	96	94	86
6020834120			ZAM 180212	68	61	51	48	35	50	59	36	47	32	17	2.03	-2.3	23	19.1	4.2	93	33.7	70	57	-19	0.7	13.8	-16.3	1.7	36.2	-5	16	0.27	-0.89	-1.27
														48	73	57	48	61	51	53	60	54	51	17	52	59	40	20	46	57	54	31	34	31
ZAM 260102	1		LFR 190008	106	104	101	107	103	112	110	99	109	107	87	102	108	91	104	101	111	107	100	108	89	107	105	109	96	104	88	99	99	107	92
6020834138			ZAM 190192	68	61	50	48	36	50	58	36	47	39	6	0.80	-2.7	9	17.3	4.1	99	31.5	80	56	-19	0.7	15.5	-14.1	0.1	34.1	-13	12	0.56	1.12	-0.77
														48	73	57	48	61	50	53	60	53	48	19	54	55	41	22	46	55	53	38	40	38
ZAM 260105	1		ZAM 190208	81	114	96	94	95	96	106	96	95	99	105	68	89	105	114	96	106	114	97	110	87	95	98	98	94	107	84	94	95	103	105
6020834161			ZAM 170076	68	59	50	48	35	49	57	30	45	24	31	4.35	-0.1	29	22.2	2.4	88	37.7	70	60	-15	0.0	11.8	-8.1	0.5	36.0	-16	8	0.18	0.55	0.38
														48	73	56	48	59	50	52	57	41	46	15	33	53	36	22	48	51	47	23	24	23
ZAM 260106	1		LFR 190008	90	107	102	96	99	101	105	103	101	104	94	85	108	102	107	102	107	113	103	120	89	96	104	101	94	110	86	95	94	91	89
6020834179			ZAM 230035	66	56	43	38	32	45	53	34	43	34	16	2.50	-2.7	26	18.7	4.3	90	36.2	89	83	-19	0.1	15.1	-9.9	0.6	37.6	-15	9	0.06	-1.36	-0.95
														38	72	51	38	56	43	46	54	50	49	17	50	54	35	18	43	54	51	32	35	32
ZAM 260108	1		LFR 190008	107	103	100	106	108	112	108	95	109	106	90	104	107	92	103	100	107	106	96	101	86	108	100	112	100	106	85	95	99	106	90
6020834187			ZAM 200005	68	61	51	48	36	50	59	36	47	39	9	0.56	-2.6	10	16.6	3.6	91	30.3	64	39	-13	0.8	12.8	-16.2	-0.6	35.3	-15	9	0.61	1.03	-0.89
														47	73	57	48	61	51	53	59	53	49	19	53	57	41	21	46	55	53	38	40	38
ZAM 260109	1		ZAM 190208	98	96	105	103	95	94	95	98	93	100	90	101	91	95	96	105	103	101	96	110	88	97	116	102	89	106	81	86	95	98	109
6020834195			ZAM 160143	68	59	50	47	33	49	57	28	45	20	10	0.88	-0.4	15	12.7	5.3	80	26.1	65	61	-16	0.1	22.3	-10.4	1.4	35.4	-18	1	0.17	-0.25	0.69
														47	73	56	47	59	50	52	54	40	41	12	30	52	33	19	47	49	45	20	21	20

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260110	6020834203	1	LFR 190008 ZAM 230047				97 66	104 56	97 44	102 38	97 32	98 45	102 53	101 34	98 43	105 34	89 8	92 1.85	107 -2.5	96 17	104 16.9	97 2.6	102 79	108 32.4	101 82	112 64	88 -17	93 0.0	100 12.6	99 -8.7	93 0.8	108 36.8	86 -14	98 12	97 0.39	92 -1.14	92 -0.74
ZAM 260116	6020834245	2	ZAM 220064 ZAM 230069				103 62	103 46	98 37	96 37	80 27	91 39	102 46	98 26	91 36	97 23	100 24	101 0.92	107 -2.5	103 26	103 16.8	98 3.2	100 74	105 29.3	99 77	118 79	97 -31	90 -0.3	114 21.3	82 1.2	78 3.4	112 38.9	89 -12	97 11	107 1.42	87 -1.98	97 -0.34
ZAM 260409	6020576556	2	ZAM 220047 ZAM 210162				117 63	99 46	81 40	108 44	124 28	112 41	95 47	94 28	108 38	102 24	85 3	116 -0.66	132 -5.8	91 9	99 14.2	81 -2.2	86 40	98 23.1	97 67	92 16	99 -34	112 1.0	121 25.4	125 -23.5	115 -3.2	108 36.6	91 -11	93 7	109 1.62	111 1.78	96 -0.42

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 130074 78367604	6	ZAM 100016 ZAM 060076		108 82	99 81	88 85	104 79	89 53	92 70	96 82	67 40	84 64	78 10	89 9	107 0.23	127 -5.3	95 15	99 14.6	88 0.1	92 53	89 76	73 -24	81 -11	86 -13	130 2.0	82 2.0	113 -16.4	78 3.3	93 27.4	104 0	94 8	91 -0.20	92 -1.26	85 -1.36
ZAM 130199 79420469	1	PAD 080159 ZAM 050061		97 81	96 79	97 82	94 79	90 56	83 69	88 80	71 46	78 64	76 38	102 26	92 1.77	113 -3.4	105 30	96 12.6	97 2.8	91 51	94 19.6	76 -13	100 36	77 1	101 0.4	80 0.7	96 -7.0	96 0.1	89 25.3	84 -16	85 0	81 -1.21	86 -2.23	90 -0.92
ZAM 130208 79420550		ZAM 060006 ZAM 080249		96 80	90 77	109 82	97 76	106 48	93 67	88 78	89 38	91 61	92 8	99 23	94 1.57	120 -4.3	101 24	90 9.8	109 6.6	98 69	90 15.7	94 56	96 25	94 -26	85 -0.5	102 14.0	103 -10.6	114 -3.1	92 26.8	108 3	98 12	94 0.11	95 -0.75	98 -0.22
ZAM 140030 79886503		AG 060051 ZAM 030229		97 76	93 73	91 77	120 74	102 45	93 63	90 74	73 36	87 58	81 20	79 -5	100 0.93	79 1.2	84 -2	93 11.3	91 0.9	94 59	84 11.0	80 4	71 -35	89 -18	89 -0.3	101 13.3	106 -12.2	107 -1.8	86 23.5	98 -5	85 0	89 -0.38	88 -1.79	98 -0.21
ZAM 140063 80268501	1	FCT 110316 ZAM 060076		75 81	117 78	133 81	77 75	93 50	110 67	123 79	108 43	110 62	114 23	124 56	75 3.64	89 -0.1	125 58	117 24.3	133 13.9	127 140	113 36.8	114 131	97 29	119 -67	114 1.1	101 13.2	108 -13.8	91 1.0	90 25.5	142 30	132 42	111 1.79	101 0.18	114 1.15
ZAM 140173 80604937		FCT 110316 ZAM 081019		96 79	90 77	115 81	108 75	92 47	92 66	92 78	99 42	91 61	100 22	91 11	103 0.70	77 1.5	90 7	90 9.4	115 8.3	109 96	90 16.4	102 87	93 19	92 -23	107 0.7	111 19.3	102 -10.2	86 1.9	105 34.8	77 -21	92 6	100 0.70	96 -0.65	117 1.37
ZAM 140182 80605017	1	VOG 070058 ZAM 070053		81 78	104 77	94 79	111 75	112 49	100 66	97 77	90 37	96 60	85 14	88 7	85 2.54	72 2.2	89 5	104 17.0	94 2.0	105 86	104 28.4	97 69	107 53	104 -43	114 1.1	124 26.9	127 -24.5	106 -1.6	89 25.4	87 -14	91 5	94 0.07	87 -1.99	84 -1.45
ZAM 140207 80791288		ZAM 120109		125 88	91 87	100 88	103 87	124 82	117 79	97 87	72 82	107 80	88 80	87 6	121 -1.22	122 -4.6	95 15	91 10.2	100 3.8	94 60	93 18.4	82 10	101 38	86 -13	120 1.4	105 15.7	115 -17.7	126 -5.2	104 34.3	82 -18	87 2	101 0.77	118 2.96	109 0.70
ZAM 140210 80791312	2	FCT 110352 FCT 090139		72 80	110 77	86 78	99 74	84 49	78 66	92 77	104 37	81 60	103 30	103 28	74 3.67	66 2.9	100 22	110 20.1	86 -0.6	97 66	110 33.8	104 95	104 45	108 -49	99 0.2	118 23.5	96 -6.6	84 2.3	92 26.8	105 0	100 14	102 0.88	105 0.83	112 0.94
ZAM 140223 80791429		AG 060051 ZAM 030207		114 78	94 75	117 79	121 75	110 46	121 65	112 76	85 39	114 60	92 20	79 -5	112 -0.23	104 -2.1	82 -5	94 11.8	117 8.8	121 125	94 19.5	86 27	106 51	94 -27	81 -0.7	88 5.3	127 -24.7	97 -0.1	96 29.2	110 61	98 54	94 0.07	95 -0.72	98 -0.22
ZAM 150008 82060708	1	FCT 110316 ZAM 120071		93 80	104 76	127 79	97 76	98 45	112 65	113 77	119 44	114 61	110 24	94 15	99 1.12	84 0.6	100 21	104 17.3	127 12.0	128 140	107 31.5	118 149	100 35	112 -57	90 -0.2	110 19.0	106 -12.6	97 0.0	97 30.1	103 -1	105 18	105 1.20	98 -0.33	111 0.84
ZAM 150009 82060716	1	FCT 110316 ZAM 120176		69 80	119 76	134 80	89 78	102 51	118 67	124 78	118 39	120 61	119 23	113 40	78 3.31	69 2.6	109 36	119 25.1	134 14.2	140 169	119 42.0	116 140	89 9	110 -53	101 0.4	104 14.9	122 -21.5	85 2.2	107 36.0	111 5	113 25	106 1.32	97 -0.47	118 1.46

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 150013 82060757	13	ZAM 110134 ZAM 120194		88 80	102 74	76 82	85 77	117 45	86 65	79 77	98 34	86 59	93 6	97 19 78	92 1.84 81	95 -0.9 78	118 49 77	102 15.9 74	76 -3.6 82	74 11 78	101 26.1 70	99 77 57	95 23 21	98 -33 8	87 -0.4 44	92 8.3 67	117 -18.9 45	115 -3.1 24	103 33.6 66	110 4 63	107 20 58	99 0.61 6	93 -0.98 6	102 0.15 6
ZAM 150033 82060799	3	ZAM 100016 ZAM 060015		110 80	86 78	94 80	101 76	74 51	72 67	80 78	81 40	70 62	73 10	88 8 76	109 -0.01 81	132 -5.9 78	97 18 76	86 7.5 78	94 1.8 80	83 32 78	80 7.4 76	88 34 61	108 55 27	99 -35 15	109 0.8 40	87 5.1 68	94 -5.7 55	70 4.8 34	93 27.9 65	85 -15 61	84 0 57	90 -0.27 9	92 -1.28 10	84 -1.43 9
ZAM 150034 82060807		ZAM 110134 ZAM 060259		105 78	92 76	90 80	100 73	111 45	92 65	84 77	97 34	92 59	93 5	86 4 74	102 0.73 79	107 -2.5 75	99 20 73	92 10.4 76	90 0.5 80	84 34 76	90 16.2 74	101 82 56	113 66 46	104 -43 7	89 -0.3 38	94 9.1 67	111 -15.6 45	116 -3.4 26	90 26.0 64	122 15 62	109 22 56	93 0.00 5	91 -1.38 5	99 -0.12 5
ZAM 150035 85134906		ZAM 110134 ZAM 040164		85 78	109 75	123 79	79 73	103 45	107 64	111 76	99 36	105 58	111 5	115 43 73	86 2.40 79	101 -1.7 75	123 56 73	109 19.9 75	123 10.7 79	114 107 76	103 27.6 64	106 102 59	83 -5 22	106 -46 7	100 0.3 48	109 17.9 69	107 -13.0 46	102 -0.9 29	96 29.7 62	122 15 65	126 36 58	106 1.32 5	94 -0.94 5	103 0.22 5
ZAM 150049 82060948		ZAM 110134 ZAM 030229		115 78	93 75	94 79	97 73	106 45	98 64	91 76	94 34	96 58	93 5	88 7 74	111 -0.20 79	125 -5.0 75	102 25 73	93 11.4 75	94 2.0 79	88 44 76	89 14.9 73	100 79 55	100 35 22	105 -44 7	92 -0.1 42	112 20.2 64	107 -13.1 46	112 -2.6 26	89 25.0 64	110 4 62	107 20 56	93 0.01 5	91 -1.32 5	101 0.05 5
ZAM 150109 82695016	2	ZAM 110134 ZAM 040108		99 78	105 75	88 74	91 75	96 50	93 65	97 75	94 32	91 58	97 8	102 27 75	95 1.50 79	117 -3.9 75	110 36 75	105 17.8 75	88 0.2 74	90 50 75	98 23.0 74	98 71 52	79 -14 23	95 -29 10	93 0.0 47	91 7.7 57	97 -7.3 52	112 -2.8 30	78 18.5 67	103 -1 56	106 19 53	103 0.95 7	96 -0.62 8	95 -0.49 7
ZAM 150151 82695370		WVZ 110021 ZAM 120143		103 79	99 75	67 77	100 74	115 49	91 65	82 76	93 40	89 60	92 29	96 18 76	99 1.07 80	111 -3.0 76	100 22 74	99 14.4 75	67 -6.3 77	71 3 75	96 21.7 75	100 80 51	114 69 24	112 -56 25	92 -0.1 47	111 19.5 58	120 -20.4 49	116 -3.4 31	90 25.6 66	118 11 51	108 20 48	100 0.69 27	93 -1.11 31	102 0.15 28
ZAM 150170 82695529		WVZ 110021 ZAM 070553		93 78	96 74	100 77	91 73	115 45	95 64	87 75	85 42	92 60	97 27	96 18 74	91 1.91 79	102 -1.9 75	108 34 73	96 12.9 74	100 3.7 77	92 55 75	93 19.0 74	93 53 56	95 23 19	102 -39 24	96 0.1 50	113 20.3 66	107 -13.0 45	125 -5.0 26	91 26.2 64	119 12 64	113 25 57	100 0.72 25	95 -0.74 29	102 0.11 26
ZAM 150220 82761198	1	ZAM 120092 ZAM 110456		86 80	94 77	100 78	120 75	133 46	108 66	92 77	104 37	108 60	101 10	79 -5 75	88 2.26 81	77 1.5 77	83 -3 75	94 11.6 77	100 3.6 78	103 82 77	97 22.2 76	104 95 60	104 46 27	93 -25 9	108 0.7 45	116 22.5 69	147 -35.7 47	117 -3.6 26	99 31.0 64	86 -14 63	96 10 57	102 0.92 9	103 0.57 10	110 0.78 9
ZAM 150235 82878083	4	AG 110493 ZAM 070127		74 79	115 76	108 78	87 76	83 51	92 66	108 77	103 39	93 61	106 24	108 34 77	70 4.11 80	79 1.3 77	113 41 76	115 23.1 76	108 6.2 78	113 105 77	116 39.4 77	103 89 53	125 96 38	99 -36 22	112 1.0 47	90 6.8 58	84 0.2 53	92 0.8 34	98 30.5 66	104 0 56	102 16 53	101 0.76 24	105 0.92 25	103 0.21 24
ZAM 150277 82998550	1	AG 110493 ZAM 070057		84 79	104 77	92 79	93 75	82 50	78 66	90 77	101 42	80 61	100 20	104 29 75	88 2.18 80	85 0.4 76	107 32 75	104 17.1 77	92 1.3 79	94 58 77	107 31.2 71	103 89 62	111 63 32	106 -47 18	110 0.9 47	82 2.2 70	91 -3.9 51	85 2.2 32	92 26.9 66	115 9 66	104 17 61	97 0.39 20	99 -0.13 21	96 -0.42 20
ZAM 160001 83639294	3	ZAM 100016 ZAM 090035		111 78	89 71	79 79	97 76	84 49	72 64	76 74	88 40	72 59	83 18	100 23 77	108 0.13 79	113 -3.4 77	103 27 76	89 9.1 71	79 -2.7 79	71 3 75	86 12.5 70	96 65 57	92 17 32	103 -42 19	100 0.3 38	105 15.6 65	105 -12.2 49	84 2.2 31	80 19.8 67	98 -5 64	98 12 60	93 -0.02 17	88 -1.81 18	90 -0.94 17

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 160012	2	ZAM 110022	0.85	80	125	120	73	109	122	130	99	119	110	134	76	104	131	125	120	120	118	109	68	107	88	110	98	126	98	122	121	119	102	99
84570415		ZAM 120016		79	75	77	75	47	65	76	36	59	17	70	3.44	-2.2	68	28.5	9.8	122	41.1	112	-42	-49	-0.4	18.9	-7.8	-5.1	30.4	15	33	2.60	0.44	-0.12
ZAM 160013	1	WVZ 110021	0.84	93	96	65	107	122	87	76	96	86	96	82	93	92	93	96	65	69	96	101	92	118	92	118	119	125	91	116	104	99	107	97
84403658		FCT 120016		81	77	78	76	48	66	78	40	61	32	77	1.66	-0.5	12	12.9	-6.9	-1	21.2	83	16	-67	-0.1	23.5	-20.1	-5.1	26.3	10	17	0.61	1.10	-0.32
ZAM 160023	1	ZAM 110022	0.84	89	116	114	84	99	112	118	96	109	101	119	84	114	117	116	114	116	111	102	115	107	96	102	86	120	92	126	119	108	101	102
84403757		ZAM 110155		79	75	77	75	48	65	76	34	59	13	49	2.62	-3.4	48	23.5	7.9	111	34.8	89	71	-47	0.1	14.0	-1.3	-4.1	26.9	18	31	1.48	0.29	0.12
ZAM 160028	1	WVZ 110021	0.84	84	114	107	92	118	116	111	101	113	99	106	84	95	108	114	107	114	105	106	91	122	91	109	117	122	96	124	115	106	100	103
84403799		ZAM 110107		78	75	76	75	48	65	76	42	60	28	31	2.69	-0.9	33	22.3	5.7	106	29.2	104	14	-72	-0.2	18.3	-18.8	-4.4	29.7	16	27	1.33	-0.02	0.23
ZAM 160039	2	JRB 080062	0.84	105	106	90	96	84	92	102	83	89	84	104	101	117	104	106	90	95	104	87	101	95	96	101	102	86	82	115	103	99	84	94
84403898		ZAM 110130		78	76	77	75	52	66	76	38	60	23	28	0.92	-3.8	28	17.9	0.8	61	28.7	30	39	-28	0.1	13.4	-10.2	1.9	21.0	9	16	0.63	-2.52	-0.54
ZAM 160042	1	DDJ 080281	0.84	109	95	101	93	88	90	94	86	87	89	96	105	121	107	95	101	93	95	90	105	106	110	105	81	98	96	108	105	104	101	104
84406123		ZAM 060076		81	79	83	79	53	69	80	43	64	23	18	0.49	-4.4	32	12.5	4.0	57	21.0	43	47	-47	0.9	15.8	1.8	-0.2	29.2	3	18	1.07	0.16	0.32
ZAM 160047		ZAM 110061	0.84	91	95	118	93	85	88	96	86	85	88	100	88	103	105	95	118	108	90	89	91	85	124	112	89	89	92	101	100	96	76	90
84406172		ZAM 070570		78	75	78	75	47	65	76	33	59	12	23	2.21	-2.0	29	12.4	9.3	93	16.0	38	13	-12	1.6	20.1	-2.7	1.3	27.3	-2	14	0.27	-3.75	-0.91
ZAM 160056		JRB 080062	0.85	82	95	87	93	99	74	74	88	74	88	99	91	74	107	95	87	82	97	90	88	97	102	95	109	94	98	107	99	95	86	87
85551018		ZAM 040164		77	74	77	74	47	64	75	36	58	19	22	1.88	1.9	32	12.3	-0.1	29	22.1	40	6	-32	0.4	9.5	-14.3	0.5	30.7	2	12	0.19	-2.13	-1.12
ZAM 160064		ZAM 130013	0.84	87	99	91	124	121	106	97	75	98	82	80	84	88	80	99	91	102	96	79	120	78	110	85	132	117	92	70	80	91	107	95
84406552		ZAM 130104		78	75	76	76	49	65	76	40	60	25	-4	2.67	0.1	-7	14.3	0.9	78	21.3	-1	84	0	0.9	3.8	-27.6	-3.6	27.0	-27	-4	-0.21	1.17	-0.50
ZAM 160067	1	WVZ 110021	0.84	85	103	90	94	107	91	89	85	88	90	102	88	89	106	103	90	91	102	94	109	115	99	122	112	114	85	116	106	100	94	98
84406586		ZAM 120004		79	75	75	74	48	65	75	42	60	28	26	2.26	-0.1	31	16.6	0.6	52	27.2	57	59	-61	0.3	25.8	-16.2	-3.1	22.8	9	19	0.66	-0.96	-0.24
ZAM 160089		FCT 120194	0.84	100	76	104	128	113	90	78	74	84	76	71	100	85	77	76	104	92	76	77	93	75	102	84	109	122	95	91	85	79	95	87
84408186		ZAM 070450		76	74	77	74	45	64	75	35	58	16	-16	0.93	0.5	-12	1.9	4.9	54	3.4	-7	18	5	0.4	3.1	-14.1	-4.5	29.0	-10	0	-1.40	-0.75	-1.12
ZAM 160090		ZAM 130013	0.84	112	88	106	116	138	121	96	91	116	99	79	111	103	85	88	106	102	95	90	114	90	115	92	137	129	113	88	91	87	129	103
84408194		ZAM 130144		79	76	79	76	49	66	77	40	61	24	-5	-0.19	-2.0	0	8.3	5.6	78	20.2	43	70	-20	1.1	7.9	-30.4	-5.6	39.4	-13	6	-0.62	4.70	0.18
														77	80	77	76	76	79	77	71	57	25	19	32	67	52	31	65	63	58	23	25	23

Breeding Values and Accuracies: Cows & Heifers

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ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 160122 84408665	1	ZAM 130013 ZAM 110856		100 72	88 68	74 75	110 74	122 44	87 61	73 71	91 38	86 56	89 24	83 0 75	98 1.16 72	98 -1.3 73	90 8 74	88 8.7 68	74 -4.2 75	70 2 72	89 15.5 62	93 51 53	108 56 25	90 -20 20	118 1.3 33	92 7.9 59	125 -23.6 41	123 -4.7 26	91 26.4 64	85 -15 58	89 4 54	90 -0.31 23	112 1.99 24	97 -0.31 23
ZAM 160123 84408673	5	ZAM 120058 ZAM 100100		91 77	103 75	87 76	86 73	79 44	74 64	89 75	88 30	74 57	87 10	111 38 73	88 2.27 79	118 -4.0 74	117 47 73	103 16.7 75	87 -0.3 76	84 36 75	95 20.7 71	94 56 46	89 8 17	99 -34 11	90 -0.2 33	105 15.5 53	75 5.2 44	92 0.9 26	94 28.2 61	108 3 51	104 17 47	89 -0.47 9	92 -1.27 10	92 -0.74 9
ZAM 160143 84408764	3	ZAM 140035 ZAM 140008		102 78	90 74	105 77	126 74	115 44	108 64	96 75	93 32	104 58	94 12	78 -6 75	108 0.15 79	73 2.1 75	79 -9 74	90 9.4 74	105 5.2 77	107 90 75	94 19.8 68	94 56 49	106 50 29	98 -33 11	110 0.9 31	124 26.9 57	126 -24.0 47	106 -1.6 25	99 31.2 61	88 -12 56	82 -2 50	95 0.23 12	108 1.35 13	105 0.33 12
ZAM 160171 84554500	3	ZAM 130013 ZAM 130199		102 80	93 76	78 78	102 75	117 51	90 66	79 77	82 42	86 61	86 29	90 10 76	102 0.81 81	127 -5.2 77	97 18 75	93 11.1 76	78 -3.2 78	75 13 76	94 19.6 71	84 19 58	108 55 30	84 -10 23	112 1.0 40	81 1.5 64	125 -23.3 53	113 -2.9 34	96 29.7 65	76 -23 62	85 0 58	81 -1.21 28	105 0.88 30	94 -0.60 28
ZAM 160196 84554625		DDJ 080281 ZAM 110028		94 80	105 77	89 79	100 78	89 53	90 67	98 78	88 43	88 62	90 24	89 8 79	91 1.91 81	115 -3.5 79	99 20 78	105 17.8 77	89 0.3 79	96 64 78	100 25.4 69	89 39 56	102 42 39	99 -36 27	91 -0.2 42	104 15.2 65	80 2.6 56	104 -1.2 34	99 31.2 68	100 -3 64	97 11 59	109 1.57 23	93 -1.09 26	107 0.56 24
ZAM 160199 84554641		ZAM 130013 ZAM 130186		106 78	93 69	88 76	127 74	107 44	101 62	95 72	82 40	96 58	97 23	71 -16 75	107 0.24 79	128 -5.4 75	78 -10 74	93 11.3 69	88 0.0 76	94 60 73	90 15.9 61	88 33 56	74 -26 24	81 -5 19	105 0.6 37	89 6.3 63	112 -15.7 43	110 -2.3 26	92 26.7 64	95 -7 61	99 13 57	100 0.63 22	115 2.47 24	92 -0.73 22
ZAM 160231 84699081	1	DDJ 080281 ZAM 060111		95 78	103 76	62 76	114 75	96 51	82 66	87 76	88 43	80 61	93 24	81 -2 76	93 1.70 79	116 -3.7 75	87 3 75	103 16.4 76	62 -7.8 76	75 13 76	97 21.9 72	91 44 56	103 44 53	105 -44 27	106 0.7 44	98 11.7 65	97 -7.2 53	101 -0.8 32	92 27.2 67	89 -12 64	92 7 59	103 0.98 22	108 1.25 25	102 0.08 22
ZAM 170010 85117760	1	AG 110493 ZAM 090035		93 78	102 77	103 79	110 75	86 48	94 66	105 77	90 44	92 62	95 26	84 1 76	89 2.13 79	99 -1.4 76	89 5 75	102 16.0 77	103 4.5 79	111 100 77	97 22.7 70	96 62 60	96 26 46	100 -37 24	97 0.2 47	111 19.3 69	89 -2.5 43	93 0.7 34	92 27.2 66	96 -6 67	96 10 62	93 -0.04 25	101 0.22 26	100 -0.04 25
ZAM 170016 85648673		ZAM 140223		97 88	98 85	149 86	90 86	116 82	125 78	113 86	103 82	122 79	108 81	110 37 86	104 0.53 88	87 0.2 87	107 32 86	98 13.6 85	149 18.6 86	134 156 86	106 30.7 84	103 90 82	119 83 81	116 -63 80	81 -0.7 83	98 11.5 83	126 -23.6 81	109 -2.1 80	99 31.0 84	138 27 83	121 33 82	106 1.31 81	108 1.32 81	111 0.88 81
ZAM 170038 85648194	1	DDJ 070221 ZAM 110494		114 77	93 75	66 76	103 75	114 50	90 65	79 75	88 43	87 61	94 35	92 13 75	110 -0.05 78	116 -3.7 75	97 17 75	93 11.3 75	66 -6.6 76	66 -9 75	93 18.8 74	90 41 54	111 63 29	92 -24 29	99 0.2 51	100 12.7 60	124 -22.8 51	110 -2.4 32	85 22.9 66	104 0 59	102 15 54	98 0.44 33	104 0.65 37	108 0.61 33
ZAM 170048 85648293		DDJ 080281 ZAM 050481		103 77	92 74	80 76	126 76	81 47	80 64	89 75	95 38	80 59	93 22	72 -14 76	101 0.89 78	96 -1.1 76	80 -8 76	92 10.7 74	80 -2.4 76	85 36 75	89 15.5 74	97 67 48	104 45 30	101 -39 25	91 -0.2 33	92 7.9 54	81 2.0 50	91 1.0 28	92 27.0 64	101 -2 53	98 12 49	97 0.41 21	97 -0.43 23	110 0.75 21
ZAM 170053 85648343	2	ZAM 130166 ZAM 090102		72 76	104 73	101 72	87 71	75 45	71 62	87 73	103 34	74 56	91 18	111 39 72	82 2.81 78	72 2.2 73	113 42 71	104 16.8 73	101 4.1 72	97 67 72	109 32.6 72	105 100 45	124 94 21	111 -55 18	102 0.4 32	108 17.7 52	84 -0.1 46	86 1.9 29	85 22.8 60	112 6 51	99 13 46	95 0.15 18	104 0.67 19	108 0.64 18

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 170072 85648525	1	ZAM 110061 ZAM 120128		105 77	94 75	89 75	111 76	78 51	81 65	91 75	72 38	76 60	68 22	81 -2 76	102 0.79 79	105 -2.2 75	88 5 76	94 11.6 75	89 0.3 75	90 50 75	92 17.7 76	74 -20 56	121 86 44	82 -6 17	125 1.7 54	90 6.7 63	90 -3.4 54	83 2.4 33	89 25.4 65	80 -19 62	80 -4 58	83 -1.02 21	73 -4.22 23	81 -1.66 21
ZAM 170076 85648566		ZAM 130013 ZAM 120016		81 78	109 76	82 77	101 76	115 51	97 66	95 76	91 38	94 60	93 26	110 37 77	77 3.37 79	91 -0.3 76	98 19 76	109 19.6 76	82 -1.7 77	94 58 76	107 31.4 76	96 66 53	105 47 49	96 -30 21	107 0.7 40	89 5.9 61	118 -19.4 54	116 -3.4 34	101 32.3 64	94 -8 60	99 13 56	96 0.25 25	118 2.96 27	97 -0.30 25
ZAM 170078 85648574	1	ZAM 130013 ZAM 110179		86 78	110 76	105 78	97 76	116 50	113 66	108 77	83 40	106 61	97 23	107 34 77	87 2.30 79	88 0.0 76	101 23 76	110 20.3 76	105 5.4 78	114 106 77	110 33.8 76	86 27 57	110 60 48	89 -19 19	110 0.9 36	85 3.7 67	128 -24.8 53	113 -2.9 32	94 28.4 65	101 -2 62	97 11 57	95 0.17 22	110 1.59 24	102 0.12 22
ZAM 170079 85648582	3	AG 110493 ZAM 130067		83 77	98 76	92 78	104 76	71 50	69 66	87 76	90 40	69 61	89 27	92 13 76	84 2.61 79	83 0.7 75	95 14 76	98 14.0 76	92 1.2 78	94 58 77	102 27.2 74	92 49 57	111 63 29	97 -31 21	105 0.6 46	96 10.5 63	82 1.4 53	69 4.9 33	102 32.9 64	82 -17 62	87 2 57	83 -1.06 26	91 -1.42 28	88 -1.07 27
ZAM 170084 86031580		ZAM 110061 ZAM 081019		84 78	102 75	110 78	92 76	99 47	95 65	99 76	83 34	91 59	84 12	100 23 76	75 3.62 79	102 -1.8 76	106 32 76	102 16.2 75	110 6.7 78	107 90 76	95 20.2 74	86 28 55	110 60 21	79 -3 10	116 1.2 49	94 9.4 63	94 -5.6 50	110 -2.4 28	95 28.9 63	79 -20 61	86 2 56	97 0.41 11	78 -3.42 12	90 -0.89 11
ZAM 170087 86031614	1	ZAM 130013 ZAM 090146		98 78	103 77	93 79	97 77	118 51	107 67	98 77	90 41	103 62	101 26	96 18 78	97 1.32 79	103 -2.0 76	102 24 77	103 16.6 77	93 1.6 79	96 64 78	103 27.3 76	94 55 56	101 39 37	89 -19 23	114 1.1 44	89 6.4 63	119 -20.0 55	120 -4.0 34	99 31.2 65	88 -13 62	99 13 57	99 0.58 26	114 2.26 27	110 0.75 26
ZAM 170090 86031648		AG 110493 ZAM 070570		77 74	104 73	128 75	93 73	71 45	87 63	106 73	106 32	89 57	108 20	106 32 74	83 2.75 76	77 1.5 72	105 29 73	104 17.0 73	128 12.4 75	125 133 74	109 32.9 72	102 88 45	127 102 48	95 -29 16	115 1.1 39	102 14.1 54	78 3.3 46	74 4.1 26	99 31.2 62	106 2 53	107 20 49	99 0.54 19	99 -0.13 20	101 0.02 19
ZAM 170094 86031689		ZAM 140050 ZAM 140153		88 75	106 72	113 72	109 72	117 45	117 62	111 72	81 31	110 56	86 18	98 21 73	89 2.18 77	86 0.3 72	89 6 72	106 18.0 72	113 7.6 72	123 130 72	98 23.0 72	82 12 42	86 1 21	91 -21 16	95 0.1 31	90 7.1 48	112 -16.1 47	123 -4.6 28	91 26.1 60	111 5 47	98 12 43	86 -0.75 18	92 -1.13 19	95 -0.46 18
ZAM 170098 86031721		DDJ 080281 ZAM 070311		94 73	91 72	72 72	126 74	87 46	73 62	80 72	86 40	72 58	81 22	75 -10 75	97 1.30 75	77 1.5 72	80 -7 74	91 10.4 72	72 -4.8 72	76 15 73	91 16.7 72	90 42 52	97 28 30	99 -35 25	101 0.4 45	96 10.2 60	90 -3.4 49	92 0.8 27	92 26.9 62	93 -9 58	90 5 53	94 0.05 21	87 -2.06 23	94 -0.55 21
ZAM 170101 86031754	2	FCT 120194 FCT 090256		97 77	97 75	130 72	103 73	105 50	113 64	111 74	78 40	106 59	83 28	98 20 73	92 1.77 79	104 -2.1 74	94 13 73	97 13.5 75	130 12.9 72	128 140 73	93 19.2 74	82 9 52	93 20 26	80 -4 25	116 1.2 42	86 4.6 57	101 -9.4 51	115 -3.2 34	93 27.4 64	91 -10 55	97 11 52	83 -0.99 28	98 -0.20 29	87 -1.19 28
ZAM 170109 86031838	1	ZAM 140050 ZAM 140249		105 77	92 74	109 75	115 74	107 47	105 64	100 74	77 34	99 58	74 18	86 5 76	101 0.89 78	111 -3.1 74	85 1 74	92 10.5 74	109 6.3 75	108 93 74	89 15.6 74	80 3 50	88 8 50	90 -21 15	109 0.8 47	92 8.0 63	106 -12.5 51	109 -2.2 30	100 31.8 61	98 -5 60	88 3 54	79 -1.40 17	89 -1.74 18	88 -1.11 17
ZAM 170110 86031846	2	ZAM 140050 ZAM 140238		98 76	104 73	102 73	123 74	82 46	101 63	112 74	80 32	95 57	79 20	87 6 74	95 1.52 78	96 -1.0 74	81 -5 74	104 16.9 73	102 4.3 73	117 115 73	99 23.7 72	84 19 44	103 44 23	99 -35 17	107 0.7 34	109 18.1 50	89 -2.5 48	83 2.4 29	95 28.7 60	97 -6 48	92 6 44	86 -0.75 20	95 -0.73 21	98 -0.25 20

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 170145 86032166	1	AG 110493 ZAM 140073			86 75	109 74	145 74	94 73	82 47	113 63	125 74	116 41	114 59	121 24	107 33	88 2.19	88 0.0	103 73	109 74	145 74	145 74	117 73	120 155	115 71	107 -48	119 1.4	119 66	89 50	85 30	98 61	108 64	113 59	109 1.55	111 1.78	115 1.24
ZAM 170154 86231222		DDJ 080281 ZAM 060553			90 76	91 74	103 76	113 74	81 46	80 64	89 74	100 37	81 59	103 22	87 6	92 1.84	83 0.7	87 74	91 74	103 76	102 75	94 19.5	101 83	91 14	99 -35	97 0.2	93 8.8	78 3.4	90 1.2	95 28.6	105 1	107 20	106 1.30	98 -0.19	108 0.60
ZAM 170160 86231271	1	ZAM 130013 ZAM 090036			87 78	102 76	86 76	108 75	128 51	105 66	93 76	92 43	102 61	99 26	86 5	86 2.39	88 0.0	91 8	102 16.1	86 -0.4	95 61	99 24.2	93 52	102 40	93 -25	118 1.3	111 19.4	134 -28.2	123 -4.6	97 29.8	82 -18	93 8	101 0.80	116 2.58	99 -0.14
ZAM 170188 86231503	2	ZAM 130016 ZAM 120008			84 76	100 74	87 74	101 73	118 47	93 63	85 74	93 36	91 58	94 24	93 15	86 2.40	85 0.4	98 73	100 14.7	87 -0.2	89 48	100 24.8	95 60	107 54	94 -27	99 0.3	90 6.9	120 -20.8	122 -4.5	90 25.8	114 8	103 16	90 -0.32	103 0.60	111 0.86
ZAM 170198 86231594	1	DDJ 070221 ZAM 130208			100 79	102 76	98 77	104 76	101 51	102 66	102 77	89 44	98 62	100 35	98 21	95 1.52	107 -2.6	95 76	102 16.2	98 3.1	103 81	103 27.7	92 48	109 56	85 -12	86 -0.4	99 12.4	101 -9.6	103 -1.0	99 31.3	107 3	106 19	99 0.57	98 -0.21	106 0.44
ZAM 170202 86231636		ZAM 130013 ZAM 080435			90 75	91 72	91 72	94 74	135 45	96 62	76 73	84 38	92 57	90 22	104 29	88 2.22	102 -1.8	105 30	91 10.1	91 0.9	81 28	92 17.8	86 27	112 65	83 -9	113 1.1	90 7.0	134 -28.4	130 -5.9	101 32.4	92 -9	92 7	89 -0.46	109 1.52	94 -0.53
ZAM 170223 86250198	1	ZAM 130013 ZAM 120176			100 77	107 76	73 77	126 75	135 49	119 65	103 76	83 40	112 60	98 24	72 -15	100 1.02	88 0.0	80 -8	107 18.5	73 -4.6	93 57	102 26.6	89 37	75 -25	88 -17	129 1.9	96 10.4	147 -35.7	120 -4.1	104 34.3	89 -12	96 10	87 -0.64	112 2.03	99 -0.16
ZAM 170239 86464708	3	ZAM 140038 ZAM 130180			94 75	109 74	108 75	98 73	106 42	112 63	111 74	89 32	107 57	93 11	97 19	92 1.77	100 -1.5	99 21	109 19.6	108 6.1	115 110	101 25.9	90 42	87 4	91 -21	113 1.0	131 31.1	110 -14.8	104 -1.3	97 30.1	102 -2	100 13	114 2.07	84 -2.42	83 -1.48
ZAM 170247 86464773		ZAM 140155 ZAM 130033			83 77	109 74	121 72	95 74	106 46	112 63	113 74	103 34	111 57	106 17	103 28	84 2.66	91 -0.3	102 25	109 19.7	121 10.1	125 133	109 32.6	103 92	123 92	96 -30	96 0.1	112 20.0	111 -15.6	101 -0.8	99 31.4	113 8	110 23	97 0.37	94 -0.83	107 0.52
ZAM 170249 86464799		DDJ 070221 ZAM 080200			90 76	97 74	84 75	108 74	99 47	83 64	85 74	85 42	81 60	94 35	88 7	90 1.97	87 0.2	91 74	97 13.1	84 -1.3	87 41	100 25.1	85 22	105 49	81 -6	102 0.5	89 6.1	108 -13.4	99 -0.3	94 28.0	102 -2	96 10	97 0.34	102 0.41	110 0.79
ZAM 180008 87240503		ZAM 140155 ZAM 060209			77 75	101 72	108 73	95 73	119 44	101 62	93 73	94 34	98 56	95 14	97 20	81 2.92	79 1.3	103 27	101 15.7	108 6.3	107 89	103 28.0	94 58	114 70	88 -18	100 0.3	106 16.5	134 -28.3	103 -1.1	104 34.2	106 2	102 15	91 -0.17	89 -1.69	103 0.23
ZAM 180011 87240529	1	ZAM 140155 ZAM 130177			90 76	99 73	92 71	91 74	110 46	90 63	85 73	94 36	89 58	97 14	101 25	91 1.89	97 -1.2	110 36	99 14.2	92 1.4	88 44	99 24.2	97 66	106 51	90 -21	114 1.1	109 17.9	118 -19.2	105 -1.4	96 29.7	100 -3	100 14	94 0.03	101 0.25	101 0.01

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 180015 87275798		AG 110341 ZAM 140017		105 75	102 60	79 58	109 71	73 42	81 55	96 63	88 36	80 51	94 25	89 9	100 0.93	111 -3.1	90 8	102 15.8	79 -2.7	88 44	102 27.0	88 34	105 48	91 -22	97 0.1	88 5.8	83 0.8	83 2.4	86 23.4	92 -9	95 10	102 0.90	89 -1.63	89 -1.00
ZAM 180027 87240651	1	ZAM 130016 ZAM 120201		75 76	105 74	94 74	94 73	90 47	80 63	90 74	91 34	79 57	86 22	104 29	80 3.05	79 1.2	105 29	105 17.5	94 1.7	96 64	103 27.4	95 59	136 122	100 -36	110 0.9	107 17.0	97 -7.3	93 0.7	91 26.5	107 3	103 16	85 -0.82	98 -0.30	104 0.30
ZAM 180028 87240669	2	ZAM 130016 ZAM 120199		113 76	98 75	80 76	112 73	101 46	98 64	95 75	95 36	96 58	89 21	89 9	108 0.17	114 -3.5	88 5	98 13.9	80 -2.4	86 40	95 20.6	100 78	100 37	101 -38	110 0.9	112 20.0	111 -15.2	105 -1.5	88 24.7	102 -1	95 9	84 -0.91	95 -0.80	101 0.01
ZAM 180033 87240719	1	DDJ 100056 ZAM 090059		110 75	95 74	111 74	100 72	95 43	103 62	102 74	109 36	104 57	97 14	91 11	108 0.18	111 -3.0	98 19	95 12.4	111 7.1	106 88	98 22.8	111 119	133 116	117 -65	103 0.5	117 23.1	98 -7.8	97 -0.1	100 31.6	98 -5	85 1	90 -0.29	112 1.90	109 0.72
ZAM 180042 87240305	2	ZAM 110061 ZAM 110158		93 76	106 74	99 72	90 74	81 48	88 63	100 74	86 35	85 57	82 17	109 35	90 2.00	106 -2.4	110 37	106 18.2	99 3.4	100 72	102 26.3	92 48	105 49	100 -37	111 0.9	110 18.6	88 -2.3	86 1.9	93 27.5	116 9	99 13	98 0.48	79 -3.20	90 -0.90
ZAM 180052 87240404	1	AG 110493 ZAM 120132		119 77	96 75	82 75	114 75	94 49	97 65	97 75	92 36	95 59	87 22	86 5	116 -0.67	124 -4.8	86 2	96 12.9	82 -1.7	87 43	96 21.1	94 57	125 97	100 -36	118 1.3	105 15.9	114 -17.2	84 2.3	96 29.5	93 -9	86 1	87 -0.57	93 -0.98	94 -0.58
ZAM 180061 87273124	4	ZAM 110061 ZAM 060076		101 79	96 76	108 76	100 75	94 50	96 66	99 76	68 36	88 60	75 14	91 12	96 1.36	110 -2.9	98 19	96 13.0	108 6.2	105 84	89 15.0	76 -13	88 6	88 -17	128 1.9	103 14.4	92 -4.3	102 -0.9	91 26.7	102 -1	95 9	88 -0.50	82 -2.75	89 -0.97
ZAM 180083 87482048	1	DDJ 100056 ZAM 150138		85 74	104 73	79 73	100 73	94 45	81 62	87 73	99 37	82 57	88 22	90 10	87 2.29	86 0.4	100 21	104 17.2	79 -2.6	86 40	102 26.9	99 75	101 38	99 -35	101 0.4	91 7.4	100 -9.2	96 0.1	95 29.0	97 -6	82 -2	84 -0.92	98 -0.27	103 0.16
ZAM 180101 87492799	1	DDJ 080281 ZAM 060046		79 77	111 74	94 74	93 75	57 49	70 64	98 75	103 44	73 60	106 23	105 30	83 2.77	84 0.6	107 33	111 20.6	94 1.8	101 75	107 31.7	108 110	108 54	113 -59	92 -0.1	116 22.6	51 18.8	79 3.1	89 25.1	113 7	117 29	114 2.05	102 0.39	111 0.88
ZAM 180103 87482196		FCT 120194 ZAM 080447		82 76	102 71	125 72	91 74	125 42	114 61	102 72	92 33	110 55	103 16	107 33	86 2.41	85 0.5	107 32	102 15.8	125 11.3	118 117	98 23.0	95 61	99 32	88 -16	105 0.6	94 9.4	115 -17.5	133 -6.4	95 28.8	107 3	110 23	103 1.00	96 -0.58	90 -0.92
ZAM 180105 87482212	1	DDJ 100056 ZAM 150119		95 76	99 71	100 70	95 72	90 44	87 61	93 72	104 35	89 56	86 15	96 18	92 1.84	115 -3.7	104 28	99 14.3	100 3.6	96 64	100 25.2	105 97	135 121	107 -49	103 0.5	109 17.9	89 -2.8	96 0.2	98 30.9	101 -2	85 1	84 -0.89	91 -1.33	99 -0.10
ZAM 180108 87482246	1	FCT 120194 ZAM 120049		109 78	90 75	108 76	108 76	108 47	104 65	95 76	76 37	97 59	83 20	82 -1	109 0.02	99 -1.5	90 7	90 9.7	108 6.3	104 82	86 12.3	77 -8	94 22	76 3	118 1.3	96 10.3	104 -11.4	115 -3.2	97 29.9	90 -11	89 4	88 -0.54	101 0.27	91 -0.78

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 180109 87482253	2	FCT 120194 ZAM 150005		84 75	107 73	127 71	96 73	118 46	121 62	114 73	82 35	113 57	91 20	96 18	85 2.51	90 -0.2	101 23	107 18.6	127 12.1	129 143	101 72	85 52	80 24	84 -12	112 10	101 13.1	122 -21.9	123 -4.6	88 24.5	103 0	104 17	98 0.52	89 -1.68	88 -1.11
ZAM 180111 87482279	1	FCT 120194 ZAM 130038		111 76	88 74	104 75	117 75	103 48	100 64	94 75	66 36	92 58	74 25	80 -3	110 -0.05	102 -1.8	85 0	88 8.3	104 4.9	100 73	86 12.5	70 -34	111 61	70 13	125 1.7	91 7.2	107 -13.0	107 -1.7	96 29.3	80 -19	82 -3	78 -1.52	103 0.51	92 -0.75
ZAM 180132 87482451	1	ZAM 160053 ZAM 150252		121 76	100 74	85 72	125 74	90 47	106 63	109 74	94 35	103 57	99 15	84 2	119 -0.98	125 -5.0	80 -7	100 15.1	85 -0.8	98 69	100 25.3	96 63	120 83	101 -38	114 1.1	113 20.8	111 -15.3	79 3.3	98 30.5	103 -1	101 15	107 1.38	103 0.58	93 -0.69
ZAM 180135 88256979	1	ZAM 140155 ZAM 120028		117 76	89 67	87 73	134 75	100 44	101 61	96 70	88 36	97 56	90 18	69 -19	113 -0.41	104 -2.1	72 -20	89 9.3	87 -0.4	93 56	90 16.4	89 38	98 32	85 -12	104 0.5	110 19.0	105 -12.1	95 0.3	106 35.3	95 -7	91 5	88 -0.51	107 1.20	100 -0.05
ZAM 180142 87718599	2	ZAM 160144 ZAM 160028		107 74	104 70	93 65	99 72	113 40	110 59	102 70	99 34	108 54	102 18	92 13	109 0.00	99 -1.5	100 22	104 17.1	93 1.7	98 69	99 24.3	102 88	101 38	107 -48	106 0.7	105 15.7	107 -12.8	117 -3.6	101 32.7	112 6	111 23	111 1.78	111 1.72	114 1.10
ZAM 180144 87718615	1	AG 110493 ZAM 150121		102 75	107 73	100 71	104 73	69 47	93 63	111 73	102 38	93 58	101 22	95 17	98 1.15	106 -2.3	94 13	107 18.9	100 3.7	110 99	111 34.6	100 80	119 81	100 -37	105 0.6	95 9.9	87 -1.5	67 5.4	98 30.4	99 -4	98 12	98 0.50	97 -0.49	94 -0.55
ZAM 180145 87718623	1	ZAM 160053 ZAM 150190		110 74	99 73	103 71	118 74	85 45	103 62	110 73	89 36	100 57	97 16	92 12	105 0.43	110 -3.0	84 -1	99 14.5	103 4.7	112 102	106 30.6	89 38	118 79	90 -21	115 1.1	104 15.1	91 -3.8	87 1.7	102 32.9	95 -7	93 8	101 0.83	109 1.43	94 -0.58
ZAM 180160 87718730	1	ZAM 160053 ZAM 150228		125 75	92 73	77 74	117 74	102 42	99 62	92 73	77 33	93 56	86 12	84 2	124 -1.57	136 -6.4	85 0	92 10.9	77 -3.3	79 23	91 16.9	79 1	103 43	82 -7	102 0.4	114 21.3	102 -10.1	103 -1.1	99 31.5	90 -11	88 3	96 0.30	99 -0.17	90 -0.90
ZAM 180163 87718763	1	ZAM 160053 ZAM 150211		102 76	100 73	83 71	121 74	97 46	97 63	98 73	85 36	93 58	93 16	85 4	101 0.84	95 -0.9	83 -2	100 15.1	83 -1.7	94 58	102 27.0	85 21	117 77	85 -13	112 1.0	110 18.9	116 -18.0	86 1.9	102 32.9	86 -14	89 4	102 0.84	110 1.65	95 -0.50
ZAM 180183 87718870		ZAM 110061 FCT 100103		107 77	98 76	84 73	107 74	79 50	83 65	94 75	79 39	80 60	81 22	88 8	102 0.79	111 -3.0	92 10	98 13.9	84 -1.1	89 46	92 75	83 58	103 25	84 18	127 55	95 9.8	87 -1.6	88 1.6	92 26.8	87 -13	88 3	90 -0.35	83 -2.65	76 -2.12
ZAM 180192 87718946	1	ZAM 160053 ZAM 150165		107 75	110 74	80 74	112 74	87 46	100 63	108 74	85 38	96 58	95 16	90 10	107 0.26	98 -1.3	88 5	110 20.3	80 -2.6	98 69	110 33.7	88 35	127 100	98 -33	102 0.4	125 27.7	95 -6.2	89 1.3	94 28.3	100 -3	98 12	109 1.62	104 0.67	99 -0.18
ZAM 180201 87719035	2	JRB 080062 ZAM 150131		102 75	100 73	84 72	112 75	99 49	94 63	94 73	95 32	93 57	88 20	85 4	105 0.45	87 0.2	88 4	100 14.7	84 -1.1	92 54	103 28.1	96 66	104 46	101 -38	103 0.5	111 19.4	119 -19.8	91 1.1	92 27.1	104 0	96 10	98 0.48	90 -1.60	97 -0.28

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 180212 87922753	1	ZAM 140155 ZAM 130074		88 77	108 75	103 73	95 74	85 47	93 64	104 75	90 38	90 59	98 14	99 22	89 2.15	95 -0.8	104 28	108 19.0	103 4.8	108 92	104 28.2	91 47	103 44	92 -24	113 1.0	104 15.2	106 -12.7	71 4.6	104 34.4	111 6	104 17	93 0.02	96 -0.64	99 -0.17
ZAM 180213 87922761	3	ZAM 160053 ZAM 150225		96 75	105 74	93 72	102 74	81 46	89 63	100 74	98 32	89 57	102 14	96 18	96 1.35	95 -0.8	96 16	105 17.5	93 1.5	100 74	108 32.5	99 74	110 60	100 -36	104 0.5	111 19.1	95 -6.4	75 3.8	101 32.4	101 -2	101 14	105 1.15	109 1.44	114 1.12
ZAM 180215 87925715	4	ZAM 140155 ZAM 150025		75 76	116 74	91 74	89 74	102 47	96 64	102 74	97 34	95 58	101 16	102 26	65 4.65	77 1.5	111 39	116 23.7	91 0.9	101 76	111 34.6	96 65	100 36	87 -16	107 0.7	102 13.7	108 -13.5	100 -0.5	99 31.3	111 5	103 17	97 0.38	92 -1.26	101 0.06
ZAM 180227 87922878	3	ZAM 160144 ZAM 150160		93 74	101 69	93 64	88 70	91 44	84 59	88 69	90 32	83 54	91 16	105 30	101 0.82	86 0.3	113 41	101 15.6	93 1.7	90 48	103 28.0	93 53	113 66	92 -23	119 1.4	97 10.7	98 -7.7	93 0.7	97 30.1	96 -6	97 11	105 1.23	103 0.48	103 0.18
ZAM 180248 88258801		ZAM 140155 ZAM 060208		120 75	78 73	86 72	110 73	101 43	82 62	73 73	95 33	82 56	93 14	86 4	118 -0.91	113 -3.3	89 6	78 3.0	86 -0.6	71 3	89 14.8	94 55	127 101	85 -12	108 0.7	108 17.6	108 -13.7	96 0.1	100 31.7	99 -4	90 5	82 -1.16	100 0.08	119 1.56
ZAM 180249 88258819	1	AG 110493 ZAM 100022		82 76	111 74	113 73	95 74	80 49	96 64	112 74	89 37	93 59	93 24	109 35	81 2.95	93 -0.6	103 27	111 21.1	113 7.8	120 121	112 35.3	92 47	119 81	94 -26	103 0.5	85 3.9	88 -2.1	83 2.5	100 31.6	104 0	98 12	95 0.18	94 -0.86	94 -0.58
ZAM 180261 88258918		DAJ 110069 ZAM 110149		97 75	99 74	88 71	96 75	78 51	77 64	90 74	94 40	77 59	90 42	104 29	92 1.80	110 -2.9	104 28	99 14.7	88 0.1	88 43	103 28.1	94 56	106 51	85 -12	101 0.4	95 10.0	81 1.8	86 1.9	95 28.6	96 -6	90 5	85 -0.83	80 -3.12	98 -0.24
ZAM 180272 88259015		AG 110493 ZAM 081019		111 75	97 73	98 73	126 74	98 44	107 62	107 73	92 37	104 57	97 20	85 3	105 0.41	109 -2.7	79 -9	97 13.1	98 3.1	108 92	98 22.8	92 48	118 80	80 -4	108 0.8	106 16.4	100 -9.0	92 0.8	111 38.5	65 -31	78 -6	96 0.27	100 -0.02	96 -0.41
ZAM 180284 88259072		FCT 120194 ZAM 140064		83 75	98 74	81 74	104 73	107 45	83 63	82 74	87 36	81 58	79 16	97 19	81 2.93	91 -0.3	95 15	98 14.0	81 -2.2	84 34	93 18.5	96 64	114 70	111 -54	118 1.3	84 3.4	114 -17.3	107 -1.8	91 26.7	137 26	113 25	85 -0.81	91 -1.31	84 -1.40
ZAM 180287 88259106	7	ZAM 140155 ZAM 110091		86 76	99 74	72 72	104 74	100 48	77 63	79 74	88 35	76 57	94 19	91 11	89 2.16	83 0.7	96 16	99 14.5	72 -4.7	77 18	96 21.8	89 37	81 -9	84 -10	101 0.4	97 11.2	108 -13.7	95 0.3	99 31.4	112 6	99 13	92 -0.09	96 -0.63	102 0.10
ZAM 190003 88844923	1	ZAM 140155 ZAM 140138		77 75	107 74	98 71	88 74	70 46	72 63	93 73	101 34	75 57	96 16	111 38	78 3.26	89 -0.1	113 41	107 18.6	98 3.0	98 68	103 28.1	101 83	108 56	96 -30	107 0.7	99 12.1	88 -2.2	69 4.9	92 26.7	107 3	103 16	89 -0.40	94 -0.82	100 -0.05
ZAM 190010 88844980	2	ZAM 140155 ZAM 130067		79 75	103 74	96 73	103 74	78 48	78 63	94 74	91 36	77 58	89 23	89 8	79 3.14	83 0.7	95 15	103 16.5	96 2.5	102 78	103 27.2	93 51	106 51	90 -21	101 0.4	109 18.3	90 -3.3	72 4.4	104 34.5	95 -7	93 8	82 -1.15	95 -0.70	98 -0.23

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Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 190013	1	FCT 120194	1	102	95	93	112	112	100	93	80	95	77	83	101	95	87	95	93	96	89	82	100	80	131	93	112	116	97	87	82	88	93	94
88845011		ZAM 130121		75	73	70	73	45	62	73	36	57	18	0	0.84	-0.9	4	12.0	1.6	62	15.5	11	35	-3	2.0	8.6	-16.0	-3.4	30.0	-13	-2	-0.50	-0.99	-0.53
ZAM 190027	2	ZAM 150149	2	89	104	97	96	93	90	96	93	88	95	100	90	93	103	104	97	99	98	95	94	100	106	102	100	98	87	99	98	109	105	103
88845136		ZAM 120022		72	72	66	71	43	60	71	34	55	9	23	2.00	-0.6	27	16.9	2.7	70	23.4	61	22	-36	0.6	14.2	-9.2	-0.2	24.0	-4	12	1.54	0.81	0.20
ZAM 190038	1	ZAM 160053	1	70	126	126	85	111	125	128	112	124	122	119	72	71	114	126	126	135	124	111	100	104	113	123	123	97	106	109	116	109	108	110
88845243		ZAM 150009		76	73	69	73	46	62	73	36	57	16	49	3.86	2.3	43	28.6	11.8	159	46.0	120	37	-43	1.1	26.4	-22.4	-0.1	35.6	4	28	1.54	1.39	0.80
ZAM 190049	1	ZAM 160053	1	106	100	86	104	91	92	95	85	88	94	90	105	103	94	100	86	91	99	89	92	92	98	120	99	88	98	97	97	102	101	97
88845359		ZAM 150055		75	74	72	73	45	63	73	34	57	12	9	0.46	-1.9	14	15.1	-0.6	51	24.2	37	16	-23	0.2	24.5	-8.8	1.5	30.8	-6	11	0.91	0.14	-0.31
ZAM 190054	1	DAJ 110069	1	83	105	111	90	83	88	101	96	88	92	100	80	100	109	105	111	109	105	99	101	90	94	101	83	91	96	103	97	86	77	97
88845409		ZAM 140027		75	74	73	75	50	64	74	41	59	40	24	3.02	-1.5	35	17.4	7.2	94	29.3	74	39	-20	0.0	13.5	0.9	1.0	29.5	0	11	-0.76	-3.58	-0.31
ZAM 190057	2	FCT 120194	2	74	100	102	120	108	97	96	76	91	81	86	83	53	83	100	102	112	97	80	110	81	117	93	103	117	94	94	92	90	94	89
88845433		ZAM 130174		75	73	70	73	46	62	73	36	57	21	4	2.77	4.7	-3	14.9	4.2	102	21.9	2	60	-5	1.3	8.5	-10.7	-3.7	28.4	-8	7	-0.34	-0.94	-0.95
ZAM 190070	2	ZAM 110061	2	83	111	82	97	79	80	98	94	81	86	97	73	103	102	111	82	94	108	98	121	99	108	86	87	84	94	90	93	101	80	90
88845557		FCT 090206		76	73	70	75	48	63	73	42	59	23	19	3.78	-2.0	25	20.8	-1.7	59	32.1	71	86	-35	0.8	4.3	-1.7	2.2	28.3	-11	7	0.80	-3.12	-0.90
ZAM 190095	5	ZAM 150149	5	93	111	105	84	109	110	108	99	107	102	110	95	102	118	111	105	105	108	103	100	96	114	98	121	106	88	104	106	108	107	97
88936356		ZAM 140119		72	73	70	72	44	61	72	32	55	10	36	1.55	-1.9	49	20.9	5.3	85	32.5	92	35	-30	1.1	11.9	-20.9	-1.6	24.9	0	19	1.48	1.19	-0.33
ZAM 190107	2	ZAM 120094	2	121	89	90	111	107	101	91	70	93	73	84	117	125	88	89	90	87	87	74	92	83	125	113	107	107	99	77	78	97	102	86
89654198		ZAM 160042		72	71	67	71	45	60	70	34	55	22	2	-0.82	-4.9	5	9.3	0.7	42	13.7	-21	17	-9	1.7	20.4	-13.1	-1.8	31.3	-21	-5	0.37	0.32	-1.20
ZAM 190111	2	ZAM 120094	2	132	91	88	129	125	122	102	65	111	75	70	127	120	77	91	88	92	90	71	103	73	135	99	124	122	102	70	75	93	108	94
89654255		ZAM 140207		74	71	70	71	40	60	71	34	55	20	-16	-1.89	-4.3	-12	9.9	0.0	55	16.4	-30	42	8	2.2	12.4	-23.0	-4.4	32.8	-27	-9	-0.02	1.30	-0.55
ZAM 190115	2	ZAM 150149	2	101	104	101	98	110	109	104	94	105	94	97	101	100	100	104	101	104	102	96	94	89	111	93	118	107	94	92	93	97	108	98
89171243		ZAM 120084		74	74	71	73	46	63	73	36	58	21	19	0.86	-1.6	22	17.0	4.0	84	26.9	62	20	-18	0.9	8.5	-19.1	-1.9	28.0	-10	7	0.41	1.36	-0.24
ZAM 190120	2	FCT 120194	2	85	99	124	101	116	111	103	91	107	97	97	90	79	96	99	124	122	101	92	116	99	103	87	114	118	99	121	112	97	104	98
89654362		ZAM 170016		75	70	70	72	41	60	71	34	55	17	20	2.00	1.2	17	14.4	11.0	126	26.0	50	74	-35	0.5	4.9	-16.8	-3.8	31.1	13	24	0.35	0.65	-0.23
														72	77	72	72	70	71	72	70	51	46	13	46	63	43	24	57	60	54	16	18	16

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Animal no	%	Parentage	EBV Acc																															
ZAM 190127				77	118	98	90	101	103	109	100	102	106	111	72	85	110	118	98	109	117	103	108	96	93	106	105	101	102	109	109	99	106	105
89171359	1	ZAM 140155 ZAM 120016		75	74	73	74	47	63	74	38	58	18	38	3.92	0.4	36	24.6	3.1	96	40.0	91	56	-30	-0.1	16.3	-11.9	-0.7	33.2	4	21	0.62	0.94	0.40
														74	77	73	74	74	73	74	74	59	25	14	49	67	51	28	61	65	59	18	19	18
ZAM 190129				86	89	92	105	69	60	75	84	60	80	87	92	77	94	89	92	86	94	84	98	73	113	96	69	83	93	85	81	74	90	98
89171375	1	DAJ 110069 ZAM 110094		75	75	74	75	51	65	75	41	60	42	6	1.81	1.6	13	8.9	1.3	39	19.6	19	32	8	1.0	10.7	8.4	2.5	27.9	-15	-3	-1.90	-1.45	-0.22
														74	77	74	75	75	74	75	75	56	36	25	54	59	55	34	64	58	55	40	43	40
ZAM 190131				113	93	105	110	117	113	100	84	107	83	85	109	118	89	93	105	104	88	90	82	87	103	99	114	118	103	87	92	96	80	83
89171391	1	ZAM 170055 ZAM 160089		73	71	65	71	42	60	70	32	54	14	3	0.04	-4.0	5	11.2	5.2	83	13.9	42	-7	-15	0.5	12.1	-16.9	-3.8	33.6	-14	7	0.29	-3.10	-1.52
														70	75	70	71	71	65	69	70	47	48	11	43	60	45	25	56	58	52	13	14	13
ZAM 190132				81	98	103	113	82	83	95	87	81	87	78	83	73	87	98	103	109	99	91	100	87	98	104	83	90	94	100	90	82	77	97
89171409	1	DAJ 110069 ZAM 140030		75	74	73	75	49	64	74	42	60	40	-7	2.71	2.0	2	13.8	4.8	95	23.7	44	35	-16	0.2	14.9	0.6	1.3	28.4	-3	5	-1.14	-3.62	-0.32
														74	77	73	75	74	73	74	73	58	36	24	52	64	53	31	62	63	58	39	42	40
ZAM 190134				110	112	92	89	106	113	111	94	109	94	106	105	120	111	112	92	98	105	99	96	99	109	117	104	100	114	93	104	117	81	85
89171425	3	ZAM 170055 ZAM 160126		75	70	65	71	43	60	70	34	55	16	31	0.49	-4.3	39	21.5	1.2	70	29.5	75	26	-35	0.8	23.2	-11.6	-0.6	40.3	-9	17	2.34	-3.01	-1.33
														72	77	71	71	70	65	69	70	51	28	13	31	59	47	26	56	57	52	16	17	16
ZAM 190137				86	98	95	103	88	81	90	92	81	84	93	86	89	95	98	95	96	102	95	104	90	96	91	91	94	94	107	95	85	74	92
89171185		DAJ 110069 ZAM 110168		73	72	67	73	52	62	71	42	58	42	14	2.47	-0.1	15	14.1	2.1	64	27.1	59	45	-20	0.1	7.4	-4.2	0.5	28.2	2	9	-0.86	-4.08	-0.69
														70	75	70	73	72	67	71	75	60	32	23	64	65	56	35	65	63	60	40	43	40
ZAM 190139				99	111	103	108	93	111	117	86	106	90	88	100	126	90	111	103	119	97	92	92	94	113	115	96	97	97	99	102	102	83	91
89171201	6	ZAM 170055 ZAM 160140		70	68	57	68	42	57	66	31	52	16	7	1.01	-5.1	7	20.8	4.6	119	22.6	49	17	-27	1.0	21.5	-6.6	-0.1	29.8	-4	16	0.86	-2.68	-0.85
														65	73	66	68	68	57	64	69	46	27	12	31	54	46	24	56	53	47	15	17	15
ZAM 190157				100	99	90	113	102	98	96	97	97	106	81	103	86	87	99	90	98	98	101	98	107	108	125	95	107	97	100	99	102	120	106
89604292		LFR 160001 ZAM 160013		76	74	70	74	49	63	74	40	58	47	-2	0.65	0.3	3	14.6	0.7	68	23.3	83	32	-48	0.8	27.4	-6.4	-1.9	30.1	-3	13	0.88	3.29	0.46
														73	78	74	74	74	70	73	74	55	32	24	59	60	54	32	61	59	56	46	48	46
ZAM 190159				92	103	101	98	65	79	100	93	79	92	96	87	106	100	103	101	103	104	96	82	83	102	98	65	77	96	95	94	83	81	95
89604300	1	DAJ 110069 ZAM 120098		75	74	71	75	51	64	74	42	60	44	17	2.33	-2.4	22	16.4	4.1	82	29.0	63	-7	-8	0.4	11.5	11.1	3.5	29.4	-7	8	-1.04	-3.01	-0.48
														74	77	74	75	74	71	73	74	57	31	25	54	61	56	34	64	60	57	42	45	42
ZAM 190180				110	98	87	99	99	94	93	89	91	93	91	105	115	100	98	87	87	95	91	95	93	111	92	93	107	101	87	91	109	107	109
89604235	2	ZAM 160144 ZAM 160196		72	71	66	71	44	60	70	34	55	17	11	0.42	-3.6	22	13.8	-0.3	41	20.3	43	23	-25	1.0	8.2	-5.0	-1.8	32.2	-13	6	1.55	1.22	0.74
														70	75	69	71	71	66	69	69	48	23	17	30	57	47	26	58	55	50	16	18	16
ZAM 190188				102	103	113	110	99	113	112	110	113	111	85	109	79	89	103	113	122	103	112	103	107	110	118	97	99	103	94	101	104	116	113
90408915		LFR 160001 ZAM 150008		76	74	71	75	48	63	74	43	59	46	3	0.05	1.2	5	16.7	7.8	127	27.7	124	44	-47	0.9	23.5	-7.2	-0.3	33.9	-8	15	1.07	2.58	1.03
														75	78	74	75	74	71	73	75	60	32	23	60	67	53	30	61	65	61	45	47	45
ZAM 190191				93	110	84	113	92	97	105	89	94	95	89	93	88	87	110	84	102	103	89	82	90	112	121	100	95	92	93	90	106	107	98
89604565	1	ZAM 160053 ZAM 150138		75	72	68	73	48	62	72	36	57	22	9	1.71	0.0	3	20.0	-1.3	79	27.8	39	-7	-21	1.0	25.2	-8.9	0.4	27.0	-9	4	1.29	1.08	-0.26
														72	77	72	73	72	68	71	74	54	32	16	48	59	52	30	61	57	53	21	22	21

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 190192	1	LFR 160001		105	105	104	116	92	109	114	94	106	103	84	105	95	85	105	104	117	102	97	103	93	114	110	99	89	98	91	96	99	121	110
89604573		ZAM 140110		76	73	70	75	50	63	73	38	58	46	1	0.50	-0.9	0	17.4	4.8	115	26.4	67	42	-24	1.1	18.6	-8.3	1.4	30.4	-10	10	0.60	3.38	0.83
														74	78	74	75	73	70	73	74	54	33	22	54	57	55	33	61	56	54	45	47	46
ZAM 190193	4	ZAM 150149		100	98	79	109	108	92	88	94	91	90	88	97	101	91	98	79	84	93	96	105	96	111	103	124	102	92	98	89	92	111	100
89604581		ZAM 120066		74	73	70	72	44	62	72	35	57	16	7	1.30	-1.7	9	13.7	-2.7	34	18.6	64	48	-30	0.9	14.8	-22.6	-0.9	27.3	-5	4	-0.11	1.77	-0.05
														72	76	71	72	73	70	72	73	51	32	16	33	56	48	26	59	54	50	15	16	15
ZAM 190202	1	DAJ 110069		92	98	78	119	81	77	89	92	77	86	87	87	100	84	98	78	86	101	93	108	83	106	89	75	98	94	90	88	88	80	96
89604664		FCT 090033		75	74	68	74	52	63	73	45	59	46	6	2.32	-1.5	-1	13.6	-3.1	39	26.2	51	56	-9	0.6	6.0	5.3	-0.2	28.4	-11	3	-0.55	-3.08	-0.40
														73	77	73	74	74	68	72	74	59	31	29	56	63	57	35	64	62	59	44	47	44
ZAM 190220	3	ZAM 160053		89	113	91	85	126	112	103	99	109	103	117	87	105	117	113	91	96	111	99	101	98	100	116	146	110	95	103	103	111	106	98
89604805		ZAM 150042		74	72	67	73	45	61	71	34	56	12	47	2.32	-2.2	47	22.2	1.0	65	34.6	74	39	-33	0.3	22.4	-35.3	-2.3	28.7	-1	16	1.75	0.98	-0.24
														72	76	71	73	72	67	71	74	53	29	11	45	59	50	25	60	56	51	12	13	12
ZAM 190240	1	ZAM 170104		78	128	105	90	84	109	127	118	111	124	108	70	87	109	128	105	124	125	118	119	111	104	106	88	90	91	113	125	128	111	108
89794010		ZAM 170018		68	69	58	68	42	57	67	32	52	18	35	4.13	0.2	35	30.1	5.1	131	46.9	148	82	-55	0.5	16.6	-2.0	1.2	26.6	7	36	3.43	1.73	0.64
														65	73	64	68	69	58	65	71	44	19	17	29	50	46	24	55	49	45	17	18	17
ZAM 190242		DAJ 110069		104	91	105	92	102	92	87	95	91	91	100	105	135	107	91	105	93	95	99	94	88	108	104	98	107	97	88	94	81	77	95
89794051		ZAM 060128		76	73	74	74	47	63	74	42	59	40	24	0.40	-6.3	32	10.1	5.2	55	20.4	74	22	-17	0.8	15.1	-7.8	-1.7	30.1	-12	9	-1.23	-3.62	-0.49
														73	77	74	74	73	74	74	73	58	27	21	57	65	50	30	62	63	58	38	41	38
ZAM 190243	3	ZAM 160144		108	100	88	102	96	95	96	84	91	93	93	106	107	97	100	88	91	97	94	101	92	134	88	107	94	95	93	101	105	112	100
89794069		ZAM 150017		73	72	69	72	44	61	72	31	55	14	14	0.37	-2.5	17	15.1	-0.1	52	22.6	56	39	-24	2.2	5.9	-13.3	0.5	28.7	-9	14	1.16	1.97	-0.09
														72	76	70	72	72	69	71	72	46	21	13	29	52	47	27	58	51	47	13	14	13
ZAM 190262	3	ZAM 140155		92	97	108	103	89	91	96	98	90	98	90	95	88	95	97	108	107	99	99	96	91	94	104	92	94	96	108	100	92	100	104
89794275		ZAM 090009		76	67	72	74	44	61	70	39	57	20	10	1.54	0.0	15	13.4	6.0	89	23.9	76	25	-22	0.0	15.1	-4.5	0.6	29.4	3	14	-0.10	0.05	0.27
														74	78	74	74	67	72	71	62	58	27	17	41	64	42	27	62	63	58	19	20	19
ZAM 200005		LFR 160001		92	109	102	112	100	110	113	86	105	100	89	94	84	87	109	102	119	104	89	89	85	117	101	106	97	101	86	88	100	120	108
91143420		ZAM 170078		75	73	70	74	49	63	73	39	58	46	8	1.63	0.6	3	19.9	4.4	120	28.8	36	8	-12	1.3	13.2	-12.3	-0.1	32.7	-14	3	0.70	3.19	0.60
														73	77	73	74	73	70	72	72	55	38	22	51	62	55	31	61	57	55	45	47	45
ZAM 200006	1	LFR 160001		101	110	124	104	91	119	126	112	119	112	93	99	101	93	110	124	135	107	115	92	110	112	120	101	85	98	97	102	98	116	104
91143438		ZAM 170041		74	72	67	73	48	62	71	40	58	45	14	1.12	-1.8	12	20.3	11.1	158	31.6	136	17	-53	1.0	24.4	-9.7	2.0	30.8	-6	15	0.49	2.54	0.26
														72	76	72	73	72	67	71	74	55	50	21	57	63	54	29	60	59	56	44	46	44
ZAM 200009	1	LFR 160001		82	114	122	94	95	111	120	92	107	101	100	77	98	104	114	122	129	106	97	99	89	114	109	90	99	101	78	93	104	112	108
91143461		ZAM 170084		75	73	70	74	48	63	73	38	58	45	23	3.34	-1.3	28	22.2	10.5	142	30.6	69	32	-18	1.1	18.1	-3.6	-0.4	32.7	-21	7	1.08	1.89	0.63
														73	77	73	74	73	70	72	73	54	32	20	54	58	54	31	60	57	55	44	46	44
ZAM 200010	2	ZAM 120094		92	103	114	97	123	117	105	84	110	98	101	96	89	101	103	114	114	103	86	88	80	115	115	126	117	103	89	86	102	109	98
91143479		ZAM 140008		71	70	66	71	42	59	69	35	54	22	24	1.44	-0.1	23	16.5	7.9	107	28.1	26	6	-4	1.2	21.6	-23.9	-3.5	33.5	-12	1	0.87	1.50	-0.23
														70	73	68	71	70	66	69	70	48	50	17	34	61	45	26	56	53	48	21	22	21

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 200011 91143487	3	ZAM 160053 ZAM 120067		113 73	98 73	88 69	120 73	98 46	103 62	102 72	90 34	99 56	92 17	87 6	109 0.03	107 -2.6	84 -2	98 13.8	88 0.1	96 65	100 25.2	93 52	108 56	100 -37	103 0.5	115 21.6	112 -15.7	97 0.0	92 26.8	105 1	94 9	102 0.92	111 1.85	98 -0.24
ZAM 200012 91143495	1	LTS 150100 ZAM 170048		118 73	91 72	77 68	131 73	90 44	92 61	93 71	93 41	90 57	92 33	70 -18	116 -0.68	103 -2.0	75 -15	91 10.1	77 -3.4	83 31	92 17.5	93 51	99 34	97 -32	92 -0.1	72 -3.9	94 -5.4	93 0.7	96 29.6	103 0	93 8	113 1.95	99 -0.12	114 1.16
ZAM 200019 91143677	1	ZAM 160053 FCT 090186		95 76	92 74	98 66	105 71	104 49	90 62	87 72	88 40	88 58	80 27	98 21	93 1.71	99 -1.4	94 13	92 10.7	98 3.0	94 58	102 26.9	88 33	152 161	99 -35	100 0.3	118 23.3	114 -17.3	107 -1.9	86 23.3	80 -19	84 -1	103 1.01	104 0.65	91 -0.80
ZAM 200030 91143594	3	ZAM 140155 ZAM 130176		74 73	102 73	97 68	104 73	87 45	80 61	91 72	105 36	83 56	103 16	86 5	76 3.46	69 2.6	94 13	102 16.0	97 2.7	103 79	101 26.2	107 105	99 34	101 -39	102 0.4	120 24.6	93 -5.3	89 1.3	96 29.1	113 8	105 18	93 0.03	102 0.42	107 0.56
ZAM 200037 91143727	1	DAJ 110069 ZAM 150009		76 74	104 73	113 71	100 74	79 50	86 63	102 73	105 40	88 58	106 42	95 17	74 3.66	76 1.6	97 18	104 17.3	113 7.6	117 114	109 33.2	104 94	66 -48	87 -15	102 0.5	99 12.4	87 -1.7	79 3.1	101 32.6	95 -7	95 9	90 -0.31	82 -2.85	108 0.60
ZAM 200041 91143768	1	ZAM 160053 ZAM 150235		87 75	116 73	104 69	94 73	97 46	108 62	115 72	95 34	105 56	107 17	103 28	85 2.52	99 -1.4	105 30	116 23.5	104 4.9	115 109	114 37.9	96 65	108 56	94 -27	110 0.9	116 22.6	102 -10.0	95 0.3	103 33.6	101 -2	102 16	111 1.78	108 1.34	99 -0.12
ZAM 200043 91143784		ZAM 160053 ZAM 140223		106 75	101 73	98 69	127 73	104 44	113 62	112 73	83 36	107 57	96 16	74 -11	102 0.81	102 -1.9	78 -11	101 15.2	98 3.2	114 106	100 25.3	85 21	90 11	84 -10	94 0.0	114 21.4	120 -20.5	93 0.8	100 32.0	91 -10	90 5	102 0.86	103 0.55	98 -0.25
ZAM 200045 91143800	1	ZAM 160053 ZAM 150210		102 74	106 72	92 68	103 73	102 44	104 61	104 72	90 32	100 55	98 12	95 17	97 1.33	109 -2.9	96 16	106 17.9	92 1.3	101 75	105 29.4	93 52	98 31	94 -27	98 0.2	115 21.5	108 -13.6	100 -0.6	98 30.8	105 1	104 17	105 1.18	102 0.36	99 -0.11
ZAM 200049 91143826	4	ZAM 160053 ZAM 150281		106 75	100 72	99 68	128 73	78 45	100 61	112 72	84 36	95 56	97 16	80 -3	102 0.81	108 -2.6	77 -13	100 15.1	99 3.3	114 107	98 23.2	87 29	94 22	89 -18	105 0.6	107 16.8	86 -1.3	79 3.2	101 32.2	99 -4	96 10	104 1.13	107 1.22	93 -0.63
ZAM 200058 91143909	1	LFR 160001 ZAM 160042		125 75	93 74	102 71	100 74	86 49	98 63	99 74	89 40	95 58	98 46	86 5	122 -1.37	118 -4.1	98 19	93 11.3	102 4.2	96 63	94 19.4	92 47	100 35	96 -31	113 1.1	111 19.3	79 3.0	91 1.0	101 32.7	89 -12	93 8	101 0.79	117 2.76	109 0.70
ZAM 200062 91143941	1	LFR 160001 ZAM 160047		101 75	97 73	112 70	108 74	83 48	96 63	104 73	88 39	93 58	98 45	85 4	100 0.98	98 -1.2	90 7	97 13.6	112 7.2	114 107	93 19.0	90 43	93 18	85 -12	130 2.0	117 22.7	85 -0.7	82 2.7	103 33.7	91 -10	95 9	98 0.53	105 0.79	102 0.08
ZAM 200063 91143958	1	ZAM 160053 ZAM 150223		95 74	107 72	113 67	95 73	84 46	100 61	110 71	99 36	99 56	105 18	107 33	97 1.29	95 -0.9	103 27	107 18.6	113 7.8	115 111	110 33.8	102 86	106 51	103 -42	92 -0.1	117 22.8	97 -7.4	84 2.3	93 27.7	103 -1	105 18	104 1.10	104 0.66	109 0.72

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 200072 91144022	1	ZAM 160053 ZAM 120099		117 75	91 74	79 73	114 74	103 47	94 63	88 74	77 36	88 58	81 23	86 5	113 -0.33	116 -3.7	87 3	91 10.1	79 -2.7	79 23	95 20.8	79 1	114 70	83 -9	106 0.7	112 19.8	105 -12.1	106 -1.6	95 29.0	81 -18	81 -4	92 -0.13	106 0.93	92 -0.77
ZAM 200092 91144204		DAJ 110069 ZAM 150013		77 75	106 72	90 68	78 74	92 49	75 62	88 72	102 40	78 58	95 40	111 38	73 3.82	94 -0.8	128 63	106 18.0	90 0.5	85 36	112 35.6	102 87	122 89	92 -24	97 0.1	100 13.0	95 -6.4	94 0.5	100 31.8	102 -2	101 14	88 -0.47	80 -3.11	100 -0.04
ZAM 200093 91144212	3	ZAM 160130 ZAM 170124		100 73	112 71	102 64	95 71	96 43	109 60	114 70	86 35	104 55	93 19	101 24	97 1.26	107 -2.5	104 28	112 21.6	102 4.3	111 99	109 33.3	93 54	111 62	100 -37	83 -0.6	108 17.8	109 -14.2	94 0.5	92 26.9	115 8	112 24	104 1.07	92 -1.15	98 -0.20
ZAM 200102 91144295	2	ZAM 140155 ZAM 120126		97 75	98 73	82 68	97 73	86 47	78 62	85 72	80 38	75 57	86 23	96 18	96 1.44	104 -2.1	103 26	98 14.1	82 -1.9	82 29	98 22.9	85 23	96 25	81 -5	101 0.4	112 19.8	92 -4.8	87 1.8	99 31.1	90 -11	88 3	82 -1.16	96 -0.55	97 -0.35
ZAM 200108 91144345	4	ZAM 160130 ZAM 170198		97 72	107 72	96 66	97 72	86 43	94 60	104 71	94 34	92 55	100 19	103 28	95 1.55	103 -2.0	102 24	107 18.5	96 2.6	102 79	106 30.0	96 63	93 20	91 -22	87 -0.4	99 12.1	85 -0.6	91 0.9	97 30.3	107 2	108 21	106 1.32	96 -0.59	104 0.31
ZAM 200113 91144394	1	LFR 160001 ZAM 130139		104 75	105 73	99 70	98 74	104 49	108 63	106 73	101 40	106 58	104 45	96 18	102 0.80	108 -2.7	101 23	105 17.8	99 3.3	103 81	105 29.2	104 93	120 84	102 -39	118 1.3	112 19.9	108 -13.6	99 -0.3	103 33.8	88 -12	95 10	100 0.68	119 3.08	113 1.06
ZAM 200127 91144501	1	LTS 150100 ZAM 160196		110 74	105 73	97 69	100 73	87 45	101 62	108 72	91 42	98 58	95 33	94 16	105 0.48	115 -3.6	98 20	105 17.6	97 2.8	103 80	102 26.7	93 52	104 45	101 -38	89 -0.3	83 2.7	88 -2.2	92 0.9	102 33.3	113 7	103 16	130 3.69	93 -0.97	117 1.39
ZAM 200135 91144568	1	LFR 160001 ZAM 120016		97 75	105 74	83 71	118 75	93 50	97 64	103 74	95 40	95 59	96 46	85 3	96 1.36	90 -0.3	85 -1	105 17.8	83 -1.4	99 71	104 28.4	102 86	106 50	98 -34	91 -0.2	106 16.4	94 -5.6	94 0.5	102 33.3	86 -14	93 7	97 0.37	125 3.99	109 0.70
ZAM 200137 91144584	1	LTS 150100 ZAM 130002		99 73	97 73	72 68	124 73	102 44	89 61	89 72	87 44	87 58	86 32	79 -5	98 1.18	90 -0.3	81 -6	97 13.2	72 -4.8	81 27	97 22.6	88 32	106 51	94 -27	98 0.2	90 6.9	109 -14.2	98 -0.2	99 31.1	94 -8	83 -2	105 1.14	103 0.58	107 0.57
ZAM 200138 91412908	1	LFR 160001 ZAM 170032		97 75	105 73	114 69	107 74	93 49	109 63	115 73	96 40	106 58	98 45	85 4	92 1.78	105 -2.2	91 9	105 17.8	114 7.9	123 128	100 25.1	98 71	101 37	95 -28	125 1.7	108 17.8	101 -9.4	89 1.4	98 30.7	88 -12	95 9	100 0.64	105 0.87	99 -0.12
ZAM 200152 91412684	1	LTS 150100 ZAM 160143		70 73	112 71	106 63	102 71	111 43	105 60	105 70	99 40	103 56	103 32	96 19	79 3.19	62 3.5	96 16	112 21.2	106 5.5	118 118	113 36.3	98 73	97 28	100 -37	103 0.5	94 9.4	115 -17.7	110 -2.3	95 28.9	107 2	99 13	121 2.73	104 0.74	113 1.01
ZAM 200161 91412742	1	ZAM 160026 ZAM 160131		79 71	117 70	105 64	88 70	96 41	103 59	112 69	113 32	105 54	115 16	97 19	74 3.72	91 -0.4	112 39	117 24.2	105 5.2	113 105	119 41.9	114 131	109 58	111 -55	126 1.8	117 23.0	112 -15.9	88 1.6	101 32.7	106 2	111 24	117 2.36	108 1.29	101 0.04

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values									Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 200171 91412833	1	DAJ 110069 ZAM 130143		89 75	100 73	108 71	93 74	79 50	84 63	97 73	100 40	85 58	100 40	102 26 73	85 2.56 77	106 -2.4 73	106 31 74	100 15.2 73	108 6.1 71	104 82 73	104 28.2 74	101 81 56	106 49 50	91 -22 23	101 0.4 54	109 18.2 62	77 4.1 55	89 1.4 33	98 30.7 63	106 2 60	100 14 57	92 -0.08 39	85 -2.35 42	100 -0.08 39
ZAM 200173 91412858	2	ZAM 140155 ZAM 120084		120 75	88 73	82 69	112 73	96 48	89 62	85 73	93 37	88 57	89 24	84 2 73	118 -0.93 77	112 -3.1 72	88 4 73	88 8.6 73	82 -1.8 69	78 21 72	91 16.7 74	94 57 53	103 42 26	88 -17 18	104 0.5 40	105 15.9 57	101 -9.8 52	94 0.6 31	102 33.1 61	89 -12 56	89 4 53	84 -0.87 23	98 -0.26 24	100 -0.08 23
ZAM 200174 91412866		DAJ 110069 ZAM 120229		101 74	92 74	91 71	108 74	93 50	85 63	86 73	90 39	83 58	83 40	83 0 73	99 1.04 76	100 -1.6 72	91 9 74	92 10.4 74	91 1.0 71	89 46 73	98 23.5 74	91 44 54	110 61 49	84 -10 22	112 1.0 52	103 14.7 62	96 -6.6 54	97 -0.1 32	97 29.8 63	88 -13 60	83 -2 57	78 -1.47 39	81 -3.01 41	95 -0.51 39
ZAM 200177 91412890	1	ZAM 160026 ZAM 160064		80 73	116 70	87 65	101 70	95 41	97 59	106 69	90 30	94 53	100 16	93 13 69	73 3.75 76	87 0.2 69	98 19 70	116 23.4 65	87 -0.2 65	105 85 68	111 35.2 70	95 59 43	88 7 46	91 -21 14	107 0.7 30	97 10.9 55	110 -14.7 45	89 1.5 24	100 32.0 54	85 -15 54	97 11 48	107 1.38 16	102 0.39 17	94 -0.57 16
ZAM 200181 91412262	2	ZAM 140155 ZAM 110123		95 74	87 73	89 69	123 73	91 46	79 62	81 72	82 38	76 57	87 18	73 -13 72	97 1.29 76	82 0.8 71	81 -5 73	87 7.7 73	89 0.4 69	87 41 72	89 15.1 74	83 16 56	86 3 27	77 1 17	114 1.1 49	90 6.6 62	104 -11.2 51	85 2.1 28	99 31.3 60	88 -13 60	83 -2 56	87 -0.65 18	106 1.03 19	109 0.70 18
ZAM 200186 91412296	1	ZAM 160026 ZAM 160090		105 73	103 71	97 65	104 70	107 41	108 59	105 70	104 30	107 53	108 16	85 3 69	100 0.93 76	115 -3.5 69	94 13 70	103 16.4 71	97 2.9 65	104 82 69	106 30.5 70	104 95 44	98 31 20	102 -40 13	111 0.9 29	98 11.7 52	117 -18.6 45	96 0.1 24	110 38.0 54	100 -3 49	104 18 45	98 0.51 16	115 2.38 17	102 0.12 16
ZAM 200191 91412338	1	ZAM 160130 ZAM 170197		101 71	116 70	99 64	93 71	93 42	110 59	117 69	105 31	110 53	107 14	100 24 70	99 1.07 74	107 -2.5 68	106 31 71	116 23.4 70	99 3.5 64	111 99 68	112 35.4 71	107 107 47	100 36 25	103 -42 12	103 0.5 31	101 13.4 52	103 -10.8 48	94 0.6 23	93 27.8 56	107 2 50	115 27 47	112 1.89 14	104 0.61 15	104 0.27 14
ZAM 200204 91412429	2	ZAM 140155 ZAM 110014		88 75	110 73	109 69	94 73	116 47	114 62	110 73	96 34	111 56	105 18	100 24 73	84 2.70 77	103 -2.0 72	105 29 73	110 20.3 73	109 6.5 69	114 107 72	107 31.5 73	98 71 53	111 63 20	96 -30 13	108 0.7 39	113 20.4 58	119 -19.9 51	115 -3.2 28	95 28.6 61	122 14 56	112 24 53	98 0.46 18	106 0.94 19	106 0.46 18
ZAM 200209 91412460	2	ZAM 160026 ZAM 100122		81 72	123 71	123 65	85 70	86 42	114 59	129 70	112 30	114 53	115 12	108 35 70	71 4.03 75	97 -1.2 68	114 43 70	123 27.2 71	123 10.8 65	131 148 69	121 43.7 70	114 131 46	103 43 21	113 -58 11	100 0.3 35	108 17.3 52	96 -7.0 45	87 1.8 25	95 28.6 55	125 17 51	121 33 46	109 1.58 12	101 0.29 13	106 0.48 12
ZAM 200212 92091784	1	ZAM 160130 ZAM 170087		86 74	114 72	100 67	94 72	101 43	105 61	109 71	101 34	104 56	108 14	99 21 71	86 2.49 76	94 -0.8 71	105 30 72	114 22.4 72	100 3.6 67	110 96 70	112 35.6 72	103 92 51	99 34 48	99 -35 13	102 0.5 45	103 14.6 62	103 -11.0 48	101 -0.7 26	101 32.5 56	101 -2 60	111 24 55	113 1.95 14	108 1.38 15	110 0.80 14
ZAM 200226 92091792	2	ZAM 160130 ZAM 170076		96 72	109 71	94 66	97 72	92 42	98 60	105 70	97 31	97 54	96 14	103 28 71	94 1.61 75	103 -2.0 69	102 26 72	109 19.9 71	94 1.8 66	102 78 70	108 32.3 70	101 82 47	124 95 32	104 -43 12	98 0.2 32	98 11.7 53	97 -7.5 47	95 0.4 24	98 30.6 56	102 -1 52	107 20 49	104 1.08 14	106 0.99 15	100 -0.06 14
ZAM 210006 92209360	1	LFR 160001 ZAM 180110		99 72	97 69	99 63	128 72	83 48	95 60	104 69	87 37	91 55	89 45	73 -13 70	97 1.32 74	91 -0.3 70	77 -12 72	97 13.3 69	99 3.3 63	110 97 68	95 20.9 70	90 42 53	96 25 33	90 -20 20	107 0.7 52	111 19.5 56	96 -6.6 53	78 3.4 30	99 31.1 60	81 -19 56	84 0 54	91 -0.20 44	108 1.30 46	101 0.04 44

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 210011 92209410	1	LFR 160001 ZAM 180045			99 73	113 72	110 68	92 74	96 48	113 62	118 72	85 40	107 58	98 46	101 25 73	97 1.28 75	122 -4.6 71	107 32 74	113 21.9 72	110 6.7 68	116 112 71	104 28.6 72	87 32 56	88 7 33	81 -5 21	115 1.1 54	102 14.1 60	96 -6.5 54	97 -0.1 31	98 30.8 60	76 -22 59	89 4 57	100 0.66 45	103 0.49 47	99 -0.12 45
ZAM 210013 92593649	1	LTS 150100 ZAM 180111			93 73	100 71	92 63	114 71	101 43	96 60	97 70	81 40	92 56	86 33	84 2 69	95 1.46 76	84 0.6 70	86 2 71	100 15.1 71	92 1.3 63	101 76 68	101 26.0 67	82 12 49	101 39 32	84 -10 30	109 0.8 43	74 -2.7 54	105 -12.1 49	100 -0.5 25	100 32.1 56	97 -6 52	91 5 49	106 1.29 31	102 0.34 35	106 0.43 31
ZAM 210021 92593763	1	LTS 150100 ZAM 180108			101 73	103 72	99 68	105 73	109 43	109 61	104 71	89 41	105 57	94 32	88 8 72	101 0.92 76	98 -1.3 71	93 12 73	103 16.7 72	99 3.5 68	106 88 71	102 26.5 72	89 37 50	107 52 25	91 -22 30	107 0.7 43	80 0.7 54	104 -11.2 49	113 -2.8 25	101 32.5 56	106 2 53	100 13 50	114 2.09 30	101 0.21 34	106 0.44 31
ZAM 210027 92593813		LFR 160001 ZAM 180203			127 74	83 72	95 65	130 72	99 49	102 61	95 71	92 40	99 57	92 49	64 -25 70	122 -1.35 76	118 -4.0 71	75 -15 72	83 6.1 72	95 2.2 65	93 56 70	86 12.8 74	92 50 55	106 51 39	88 -17 23	109 0.8 55	117 22.7 58	99 -8.6 56	96 0.1 32	104 34.0 60	76 -23 57	79 -5 56	85 -0.80 48	111 1.73 50	106 0.46 48
ZAM 210028 92594324	1	LFR 160001 ZAM 180249			113 74	102 72	108 65	117 60	87 48	111 60	116 70	89 40	106 56	99 46	84 2 70	109 0.02 76	108 -2.7 67	85 0 60	102 16.0 72	108 6.3 65	119 120 66	99 24.3 73	91 44 56	99 33 33	87 -15 22	110 0.9 53	101 13.2 60	88 -2.4 55	85 2.1 31	105 35.0 59	83 -17 59	88 3 56	96 0.29 45	114 2.25 47	104 0.24 45
ZAM 210029 92593821	1	LTS 150100 ZAM 180135			110 72	101 70	79 62	129 71	98 43	103 59	103 69	93 41	100 55	95 32	75 -10 69	110 -0.09 75	93 -0.6 69	77 -11 71	101 15.6 70	79 -2.7 62	95 61 68	101 26.0 72	92 50 50	98 30 25	92 -23 30	99 0.3 43	85 3.5 55	104 -11.2 48	93 0.7 24	105 35.0 57	105 1 54	96 10 51	111 1.80 30	104 0.68 34	110 0.78 30
ZAM 210041 92593920		LTS 150100 ZAM 180201			89 73	107 71	88 62	105 71	99 44	96 60	99 70	97 40	95 56	95 32	91 12 69	93 1.70 76	82 0.9 70	94 13 71	107 18.7 71	88 0.2 62	100 73 68	110 33.9 72	97 66 49	107 52 25	101 -38 29	99 0.2 43	85 4.1 53	110 -14.5 50	93 0.6 25	99 31.4 57	110 5 52	100 13 49	117 2.39 30	95 -0.72 35	109 0.67 31
ZAM 210044 92593672	1	LFR 160001 ZAM 170072			111 72	102 72	89 66	115 72	87 48	99 61	105 71	83 40	95 57	86 46	78 -7 70	108 0.18 75	107 -2.5 70	86 1 72	102 15.9 72	89 0.3 66	100 73 70	99 23.9 73	85 24 57	124 93 37	90 -21 21	125 1.7 55	109 18.0 61	93 -4.8 55	86 2.0 30	102 33.1 58	81 -18 60	86 1 57	90 -0.36 45	105 0.90 47	98 -0.22 45
ZAM 210049 92593953		LTS 150100 ZAM 140209			115 72	95 70	66 58	114 57	99 42	87 57	85 66	85 44	85 54	81 31	86 5 69	110 -0.09 75	113 -3.3 64	87 3 57	95 12.1 70	66 -6.8 58	70 1 62	91 16.9 72	80 4 54	95 23 24	83 -8 29	99 0.3 42	57 -12.8 61	110 -14.5 49	95 0.4 22	97 30.0 56	97 -5 59	81 -3 54	106 1.30 29	90 -1.48 33	98 -0.23 29
ZAM 210052 92593979	2	ZAM 140155 ZAM 140130			73 73	114 71	115 63	95 71	93 45	102 60	112 70	108 34	103 55	110 18	98 21 69	78 3.24 76	73 2.0 70	102 26 71	114 22.5 71	115 8.4 63	125 132 68	115 38.1 72	107 107 51	121 86 19	102 -39 15	99 0.3 37	104 15.4 56	108 -13.6 50	85 2.0 26	100 31.9 59	116 9 54	113 25 51	101 0.82 17	99 -0.03 18	112 0.99 17
ZAM 210070 92594100	1	LTS 150100 ZAM 150220			79 73	111 72	86 64	102 71	115 44	102 60	99 71	107 44	102 57	106 31	95 17 69	83 2.71 76	76 1.6 70	97 18 71	111 21.1 72	86 -0.4 64	101 75 69	112 35.7 72	106 101 54	116 74 25	101 -39 29	102 0.4 44	89 6.2 61	123 -22.3 49	106 -1.6 24	102 32.9 58	105 1 59	105 18 54	123 3.00 29	102 0.42 33	116 1.28 29
ZAM 210083 92594209	1	ZAM 170104 ZAM 170018			78 70	122 71	102 64	97 70	93 41	107 59	119 69	117 32	109 54	122 18	102 27 69	75 3.62 74	84 0.6 67	102 25 70	122 26.7 71	102 4.2 64	121 123 68	121 43.8 71	117 143 44	113 67 19	110 -53 17	103 0.5 29	105 15.8 50	95 -6.2 46	94 0.4 22	100 31.6 54	111 5 49	123 34 45	126 3.30 17	111 1.73 18	108 0.63 17

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 210110	1	ZAM 170005	1	74	105	85	100	95	80	88	90	79	91	86	73	71	99	105	85	92	106	94	105	93	86	101	92	101	99	99	102	106	96	111
93457422		ZAM 150013		72	70	60	67	40	58	68	31	53	14	5	3.81	2.3	21	17.9	-0.9	55	30.5	56	47	-25	-0.5	13.6	-4.7	-0.7	31.1	-4	16	1.24	-0.59	0.88
														65	75	67	67	70	60	66	70	44	32	15	30	51	43	21	55	49	45	14	15	14
ZAM 210115	1	DAJ 110069	1	78	114	117	94	83	100	115	115	103	112	103	76	87	104	114	117	124	116	112	98	95	104	107	92	80	104	100	102	94	82	109
93457455		ZAM 150009		74	72	67	73	50	62	72	41	58	42	27	3.50	0.2	29	22.5	8.8	132	39.3	123	32	-28	0.5	17.1	-4.4	3.1	34.1	-3	15	0.11	-2.75	0.72
														70	76	72	73	72	67	71	73	56	31	24	53	61	55	32	62	59	56	40	43	40
ZAM 210122	5	ZAM 160130	5	95	115	101	86	98	107	112	105	107	107	112	94	106	115	115	101	106	111	109	86	106	87	104	96	106	97	118	119	117	99	103
93457505		ZAM 160012		72	70	61	69	41	58	69	32	53	10	39	1.59	-2.4	44	22.8	4.0	88	35.0	112	1	-46	-0.4	15.1	-6.9	-1.6	30.1	11	31	2.34	-0.06	0.19
														67	75	68	69	70	61	67	70	51	25	9	37	59	46	23	55	57	52	10	11	10
ZAM 210123	4	ZAM 140155	4	75	108	107	99	98	96	102	97	95	92	95	80	75	99	108	107	114	107	97	115	95	107	106	106	93	104	107	101	90	90	98
93457265		ZAM 140249		73	71	64	71	46	60	70	34	55	16	17	3.11	1.8	21	19.3	5.7	106	31.4	68	71	-28	0.7	16.1	-12.3	0.6	34.1	2	15	-0.34	-1.56	-0.24
														69	76	70	71	71	64	69	72	53	24	13	38	57	50	27	60	54	51	16	16	16
ZAM 210134	5	ZAM 170104	5	112	105	84	108	96	103	104	95	100	108	86	110	126	91	105	84	95	104	98	95	90	104	93	97	95	105	82	104	114	119	105
92824325		ZAM 160102		71	69	58	68	42	57	67	36	53	21	5	-0.07	-5.0	9	17.7	-1.3	62	28.7	70	24	-20	0.5	8.5	-7.1	0.4	34.7	-17	17	2.06	3.09	0.39
														65	74	67	68	69	58	65	70	51	23	19	30	57	46	25	55	56	51	20	22	21
ZAM 210142	1	ZAM 140155	1	109	97	90	114	109	105	98	92	101	90	78	107	102	86	97	90	96	97	93	106	89	109	110	121	99	100	97	93	86	96	101
93455319		ZAM 120229		72	72	65	71	43	60	70	33	55	16	-6	0.25	-1.9	2	13.5	0.8	64	22.7	53	50	-18	0.8	19.0	-21.2	-0.4	31.7	-5	7	-0.75	-0.51	0.02
														69	75	68	71	72	65	69	73	52	21	12	36	56	49	23	58	55	51	15	16	15
ZAM 210146	1	ZAM 150149	1	106	103	91	104	120	113	102	89	108	99	88	103	107	94	103	91	98	103	96	111	92	111	97	129	109	102	98	99	101	116	113
93455350		ZAM 140207		72	70	61	69	38	58	68	32	53	10	7	0.62	-2.6	13	16.6	0.9	69	27.7	62	63	-23	0.9	10.8	-25.7	-2.2	33.0	-5	13	0.73	2.64	1.08
														66	75	68	69	70	61	67	70	50	24	9	27	59	42	19	54	56	50	9	10	9
ZAM 210162	3	ZAM 190081	3	110	100	92	111	116	113	103	89	108	95	81	105	113	89	100	92	99	96	93	89	97	113	121	125	107	104	86	82	103	121	103
93455517		ZAM 190044		70	59	53	64	33	51	60	28	46	8	-3	0.43	-3.3	5	14.8	1.4	72	21.0	51	9	-32	1.0	25.2	-23.2	-1.7	34.0	-14	-2	0.99	3.41	0.23
														63	74	64	64	59	53	59	58	46	44	7	22	56	31	16	51	53	48	7	8	7
ZAM 220016	2	LFR 160061	2	101	107	82	115	115	111	106	106	111	110	80	98	112	86	107	82	99	108	108	81	102	110	114	125	104	102	109	112	109	95	102
94492311		ZAM 170099		71	71	65	72	47	60	70	44	57	46	-3	1.22	-3.1	1	18.8	-1.7	71	31.7	108	-10	-41	0.9	21.0	-23.6	-1.2	33.1	4	24	1.60	-0.78	0.09
														70	74	69	72	71	65	69	72	56	48	29	58	61	55	28	58	60	57	45	47	45
ZAM 220022	1	LFR 150032	1	94	97	115	109	95	101	104	106	101	102	94	91	98	89	97	115	117	103	105	113	97	85	95	103	90	98	99	98	96	93	96
94492444		ZAM 130033		72	72	66	72	45	61	71	38	56	40	15	1.90	-1.3	6	13.3	8.5	115	27.4	97	68	-31	-0.5	9.5	-10.8	1.2	30.5	-4	12	0.24	-1.08	-0.36
														68	75	69	72	72	66	70	70	52	40	22	51	56	51	25	58	54	52	39	41	39
ZAM 220023	1	LFR 150032	1	107	83	82	124	80	73	80	97	74	88	83	103	109	81	83	82	77	88	94	95	87	94	72	98	72	97	85	82	85	91	88
94492451		ZAM 140093		71	70	65	71	42	59	69	38	55	38	1	0.70	-2.9	-5	6.1	-1.7	17	13.9	56	24	-15	0.0	-3.6	-7.9	4.4	30.2	-15	-2	-0.78	-1.44	-1.05
														68	74	68	71	70	65	69	60	54	40	20	50	57	45	24	58	56	53	37	40	37
ZAM 220025	1	LFR 160061	1	93	104	86	101	116	102	96	102	101	102	94	90	101	98	104	86	93	109	104	127	100	106	122	121	107	103	104	108	96	95	101
94492477		ZAM 180027		74	72	65	58	47	60	69	40	56	46	16	1.98	-1.7	18	17.3	-0.6	57	33.4	95	101	-37	0.7	25.9	-21.2	-1.8	33.9	0	20	0.32	-0.74	0.05
														70	76	66	58	72	65	65	72	51	48	28	51	55	54	28	58	54	52	45	47	45

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Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 220030 94492527	1		LFR 160061 ZAM 170239	102 89	108 89	95 88	112 89	121 86	121 81	112 89	89 86	115 82	98 86	84 2	99 1.04	118 -4.0	87 89	108 19.0	95 2.3	111 99	103 27.4	89 36	72 -33	80 -4	102 0.4	147 41.0	130 -26.3	109 -2.1	104 34.1	93 -9	96 10	118 2.46	78 -3.41	78 -1.95
ZAM 220033 94496320	1		LFR 160061 ZAM 170087	92 90	118 90	83 89	88 89	137 87	121 82	106 90	112 86	120 83	119 86	105 31	92 1.79	128 -5.3	113 89	118 24.4	83 -1.5	95 62	122 44.5	112 123	117 76	101 -38	107 0.7	108 17.8	140 -32.0	125 -5.0	106 35.5	101 -2	117 29	108 1.53	102 0.31	113 1.06
ZAM 220035 94496338	1		LFR 160061 ZAM 170128	96 73	107 71	92 63	103 71	120 46	112 60	104 70	107 40	111 56	107 46	87 6	93 1.73	114 -3.4	95 15	107 18.6	92 1.3	102 78	113 36.4	109 112	110 60	103 -41	99 0.2	124 27.3	125 -23.4	110 -2.3	106 35.3	105 1	107 20	102 0.90	98 -0.30	103 0.20
ZAM 220044 94492410	2		LFR 160061 ZAM 160001	111 72	97 71	76 66	110 72	115 46	100 60	89 70	99 42	99 56	100 46	91 11	108 0.14	123 -4.6	90 7	97 13.1	76 -3.6	81 26	98 23.5	103 91	87 5	98 -34	101 0.4	119 24.0	130 -26.1	104 -1.3	97 30.0	97 -6	103 16	100 0.67	90 -1.49	94 -0.57
ZAM 220045 94492428	1		LFR 160061 ZAM 180052	111 89	97 89	75 88	111 89	125 86	105 81	90 89	87 86	101 82	92 86	84 2	108 0.16	121 -4.5	89 89	97 13.3	75 -3.8	81 26	99 23.9	93 52	116 74	95 -29	116 1.2	133 32.7	137 -30.0	107 -1.8	104 34.5	97 -6	92 6	93 -0.05	81 -2.98	95 -0.48
ZAM 220056 95136909	1		BBM 130156 ZAM 190010	95 71	103 71	84 63	129 71	90 44	95 59	104 69	76 32	90 54	84 38	71 -16	92 1.85	89 -0.1	76 -13	103 16.6	84 -1.2	102 79	96 21.7	78 -3	85 -1	76 3	99 0.3	99 12.2	95 -6.4	91 1.1	101 32.4	89 -12	88 3	94 0.08	95 -0.71	89 -0.96
ZAM 220059 95456141	2		ZAM 180023 ZAM 170249	91 66	108 67	91 50	97 48	103 35	99 51	100 61	84 34	95 48	99 22	97 19	93 1.67	91 -0.4	102 25	108 19.2	91 1.0	99 70	109 33.2	84 18	107 53	88 -16	112 1.0	108 17.3	115 -17.6	94 0.5	103 33.5	100 -3	99 13	106 1.26	96 -0.54	91 -0.80
ZAM 220062 94492600	1		LFR 150032 ZAM 190126	81 71	112 70	104 62	98 71	95 43	101 59	110 69	110 37	102 55	103 38	99 22	71 3.96	89 -0.1	100 22	112 21.5	104 4.9	115 109	112 35.5	110 118	109 57	100 -36	97 0.2	97 10.8	114 -16.9	83 2.5	99 31.4	103 -1	103 17	97 0.40	98 -0.24	92 -0.70
ZAM 220073 95456281	1		ZAM 180023 ZAM 170110	84 88	109 88	98 86	111 87	75 84	90 80	107 88	72 84	84 81	86 82	91 11	89 2.16	74 1.9	88 4	109 19.8	98 3.1	114 108	106 30.6	75 -17	92 16	95 -29	118 1.3	122 26.1	88 -2.3	65 5.7	110 38.1	86 -14	85 0	105 1.23	91 -1.44	85 -1.29
ZAM 220077 95456174	1		ZAM 180023 ZAM 140063	80 88	113 87	105 85	94 85	112 83	109 79	109 87	93 84	106 80	102 82	104 28	80 3.09	91 -0.4	105 29	113 21.9	105 5.2	113 105	110 34.2	97 67	107 52	113 -59	120 1.4	115 21.6	124 -22.6	99 -0.4	109 37.4	125 17	116 28	109 1.55	92 -1.28	93 -0.67
ZAM 220082 95136941	1		BBM 130156 ZAM 190070	105 72	102 71	80 63	110 71	86 44	89 60	97 70	80 34	85 55	82 38	83 1	100 0.98	108 -2.6	89 6	102 16.0	80 -2.3	90 50	98 23.4	82 13	123 91	86 -14	103 0.5	89 6.2	86 -1.2	94 0.4	96 29.6	88 -13	89 4	103 1.00	87 -1.92	85 -1.30
ZAM 220083 94492683	3		LFR 150032 ZAM 190192	103 72	105 71	95 64	116 71	91 45	104 60	110 70	107 38	104 56	105 45	88 8	100 0.99	102 -1.9	85 0	105 17.5	95 2.1	109 95	107 31.3	105 100	95 77	109 -31	98 0.2	99 12.4	101 -9.4	82 2.7	104 34.5	92 -9	96 10	96 0.32	108 1.31	100 -0.04

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 220087 94492691				ZAM 180151 ZAM 180103	90 68	109 67	113 57	98 67	111 35	115 55	113 65	98 28	112 50	107 14	101 25	90 2.02	94 -0.7	99 21	109 19.7	113 7.7	120 121	108 32.0	98 73	122 89	96 -30	100 0.3	92 7.9	109 -14.5	109 -2.2	104 34.1	108 4	108 21	104 1.05	98 -0.32	93 -0.62
ZAM 220089 95456190	1			ZAM 180023 ZAM 170147	111 64	101 66	94 46	104 47	98 34	103 50	102 60	85 31	99 46	94 16	93 14	109 -0.01	106 -2.4	94 14	101 15.7	94 1.8	99 71	101 26.2	86 27	107 54	96 -30	113 1.0	109 18.4	112 -15.8	92 0.8	98 30.9	99 -4	95 10	99 0.60	96 -0.63	88 -1.09
ZAM 220091 94492717	2			ZAM 180026 ZAM 150033	116 70	89 70	89 60	105 68	89 40	86 57	86 68	86 34	83 52	88 21	84 1	112 -0.23	116 -3.8	93 12	89 9.1	89 0.3	83 33	90 15.7	89 36	98 30	85 -12	108 0.8	98 11.3	106 -12.5	83 2.5	96 29.7	88 -13	88 3	89 -0.38	103 0.58	107 0.53
ZAM 220095 94492741	2			ZAM 180026 ZAM 140002	106 70	90 69	93 60	97 68	86 39	79 57	82 67	86 34	77 52	90 21	92 12	105 0.43	105 -2.2	102 26	90 9.6	93 1.7	84 34	91 16.7	88 36	94 22	85 -12	111 0.9	99 11.9	99 -8.6	85 2.1	94 28.1	92 -9	91 5	89 -0.43	102 0.41	108 0.58
ZAM 220101 94492790	1			LAR 180306 ZAM 160123	94 70	109 71	89 60	94 68	90 35	93 57	102 68	107 32	95 52	98 38	107 33	91 1.91	117 -3.9	106 31	109 19.9	89 0.5	97 65	103 27.9	109 112	104 46	115 -61	81 -0.7	90 6.6	87 -1.7	94 0.6	103 33.6	120 51	114 26	105 1.17	82 -2.77	89 -0.97
ZAM 220107 95137006	3			BBM 130156 ZAM 180108	110 72	101 72	98 64	100 71	104 42	107 60	103 70	73 32	99 54	86 37	89 8	108 0.17	109 -2.8	99 20	101 15.6	98 3.2	100 74	93 18.6	75 -16	93 19	74 6	109 0.8	96 10.6	101 -9.6	112 -2.6	97 30.0	92 -10	93 7	101 0.82	98 -0.24	86 -1.21
ZAM 220128 95456018	1			ZAM 180023 ZAM 150170	101 66	101 67	100 51	92 48	111 34	103 51	96 62	84 34	98 48	99 19	99 22	103 0.71	101 -1.7	108 34	101 15.5	100 3.6	96 65	101 26.2	88 33	102 41	98 -33	109 0.8	119 24.4	115 -17.7	107 -1.8	102 32.8	109 4	107 20	107 1.36	93 -1.12	87 -1.15
ZAM 220135 95363297	1			ZAM 180026 ZAM 140249	100 70	93 61	106 59	120 68	101 38	102 54	100 63	87 34	98 50	89 22	79 -5	100 1.02	92 -0.5	83 -3	93 11.3	106 5.5	109 95	95 20.4	87 32	97 29	84 -10	110 0.9	99 12.5	108 -13.4	101 -0.7	98 30.7	94 -8	89 4	89 -0.46	108 -0.22	108 0.60
ZAM 230010 95359089	1			LFB 180524 ZAM 150009	75 89	120 87	120 86	88 86	94 84	111 80	120 87	107 84	110 81	112 84	115 44	86 2.46	73 2.1	112 39	120 25.7	120 9.8	128 140	124 46.7	107 107	119 82	104 -42	111 0.9	108 17.5	111 -15.2	80 2.9	106 35.4	108 3	115 27	109 1.61	88 -1.81	107 0.50
ZAM 230017 95359121	1			JRB 170127 ZAM 180011	105 68	97 58	97 50	102 52	108 36	102 49	96 57	92 28	99 45	96 12	92 12	103 0.64	104 -2.1	97 17	97 13.5	97 2.9	97 66	95 20.5	94 58	98 32	100 -36	105 0.6	95 9.7	123 -22.1	105 -1.4	88 24.4	104 0	101 14	101 0.75	102 0.30	103 0.22
ZAM 230018 95359139	1			JRB 170127 ZAM 180142	96 88	114 87	93 86	97 86	112 84	114 79	111 87	102 84	112 80	111 83	94 15	94 1.62	104 -2.1	102 25	114 22.5	93 1.5	106 87	108 31.7	102 86	93 18	112 -56	93 -0.1	107 17.1	108 -13.7	115 -3.2	99 31.1	126 17	118 29	113 1.99	113 2.13	123 1.88
ZAM 230026 95456398	1			JRB 170127 ZAM 200036	102 89	108 87	107 86	97 86	112 84	118 80	113 87	92 84	114 81	100 83	95 17	101 0.85	104 -2.1	101 23	108 19.5	107 5.8	113 106	105 29.2	97 67	110 60	104 -44	103 0.5	114 21.3	130 -26.0	108 -1.9	85 22.7	111 5	105 18	114 2.12	83 -2.58	109 0.67

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	Sire ID Dam ID																															
ZAM 230028	1		ZAM 190208	95	98	103	98	103	96	94	103	97	106	93	97	93	100	98	103	101	103	102	92	88	98	110	111	97	104	90	96	100	96	110
95456414			ZAM 150127	67	58	48	47	35	48	56	29	44	21	14	1.25	-0.6	22	13.8	4.7	75	27.5	88	17	-16	0.2	18.5	-15.3	0.0	34.1	-11	10	0.73	-0.50	0.76
														46	73	55	47	58	48	51	56	42	41	13	32	54	34	21	50	49	45	20	22	21
ZAM 230030	1		ZAM 190208	114	100	95	102	82	94	102	98	94	102	93	110	115	96	100	95	97	103	97	117	89	99	111	95	75	105	88	95	101	96	103
95456430			ZAM 180132	67	59	48	47	35	48	57	28	44	21	14	-0.04	-3.6	16	14.7	2.2	67	27.8	68	78	-18	0.2	19.2	-6.1	3.8	34.9	-13	9	0.74	-0.63	0.18
														47	73	55	47	59	48	51	56	42	41	12	31	52	34	20	50	50	46	20	22	20
ZAM 230031	1	JRB 170127		97	103	100	106	100	103	105	92	100	98	88	95	100	92	103	100	108	103	89	108	97	115	84	112	98	92	108	101	98	99	94
95456448			ZAM 200018	88	87	85	86	84	79	87	84	80	83	7	1.54	-1.6	10	16.6	3.8	92	27.4	39	55	-31	1.2	3.1	-16.1	-0.2	27.1	3	15	0.50	-0.06	-0.59
														86	89	87	86	87	85	86	86	85	84	83	84	86	84	83	86	86	85	83	83	83
ZAM 230035	1		ZAM 190208	82	109	105	91	83	90	105	103	91	95	98	73	98	108	109	105	108	111	102	125	92	93	108	84	84	109	87	87	89	90	106
95456471			ZAM 180105	69	58	47	47	34	48	56	28	44	21	21	3.79	-1.3	34	20.0	5.2	93	35.2	85	97	-24	-0.1	17.8	0.2	2.3	37.2	-13	2	-0.39	-1.59	0.48
														46	74	58	47	58	47	51	55	41	40	13	34	53	33	20	50	50	46	20	22	20
ZAM 230037	1	JRB 170127		111	112	109	84	127	131	117	112	130	115	112	113	109	117	112	109	109	115	106	113	102	110	93	137	121	89	94	106	116	123	111
95456497			ZAM 200066	87	86	84	85	83	78	86	83	79	82	40	-0.39	-2.7	48	21.4	6.4	94	38.2	101	67	-40	0.8	8.6	-30.1	-4.3	25.4	-8	19	2.24	3.63	0.90
														84	88	86	85	86	84	85	86	84	83	82	83	85	83	82	85	84	84	82	82	82
ZAM 230044	1		ZAM 190208	76	115	98	94	79	88	106	103	89	104	102	64	77	106	115	98	109	116	101	109	93	91	113	87	78	102	89	95	98	96	112
95456547			ZAM 140210	68	60	50	47	35	49	58	30	45	25	26	4.72	1.6	31	23.0	3.0	94	39.5	84	58	-25	-0.2	20.6	-1.7	3.4	33.1	-12	9	0.49	-0.51	1.00
														46	73	56	47	60	50	52	56	40	40	16	36	51	34	21	51	49	45	24	26	24
ZAM 230047			ZAM 190208	84	104	95	103	79	81	97	98	82	99	86	82	91	96	104	95	101	104	98	109	89	87	100	80	82	106	87	94	96	92	111
95456570			ZAM 170048	70	59	49	48	35	49	57	30	45	22	5	2.86	-0.4	16	17.1	2.0	77	29.0	70	58	-19	-0.7	12.8	2.6	2.7	35.7	-13	8	0.26	-1.14	0.90
														47	74	58	48	59	49	52	56	40	41	17	31	51	34	20	52	48	45	22	23	22
ZAM 230048	2		ZAM 190208	94	102	105	97	76	86	100	89	84	91	94	90	104	102	102	105	105	99	89	101	77	99	96	80	82	97	84	89	95	84	100
95456588			ZAM 150078	68	59	50	48	36	49	57	29	45	21	16	2.01	-2.2	25	15.9	5.1	84	24.5	36	39	1	0.3	10.4	2.2	2.6	29.9	-16	4	0.17	-2.43	-0.08
														47	73	56	48	59	50	52	58	43	41	13	35	53	35	21	52	50	47	20	22	20
ZAM 230049	1		ZAM 190208	88	102	89	96	87	80	89	95	80	100	96	89	93	104	102	89	90	103	94	98	81	92	103	93	84	106	93	94	93	92	107
95456596			ZAM 180287	67	59	48	47	35	48	57	28	44	22	18	2.12	-0.7	28	15.8	0.4	50	27.9	56	32	-5	-0.1	14.4	-5.3	2.3	35.2	-9	9	0.01	-1.24	0.58
														47	73	55	47	59	48	51	56	41	40	13	32	51	35	20	50	49	46	21	23	21
ZAM 230054	1	LAR 180306		96	110	99	109	91	105	114	104	105	91	95	91	106	89	110	99	116	108	104	128	118	89	92	94	90	100	115	108	101	84	92
96088224			ZAM 170110	68	69	51	51	36	53	63	32	49	40	17	1.91	-2.4	6	20.3	3.5	111	32.1	94	105	-66	-0.3	8.2	-5.8	1.3	31.7	9	21	0.80	-2.49	-0.75
														48	73	57	51	69	51	57	64	46	23	16	48	51	36	21	50	50	47	38	41	38
ZAM 230068	1		ZAM 190208	95	101	93	96	95	89	93	91	87	94	95	90	111	104	101	93	92	104	91	112	80	98	94	102	93	104	74	86	86	97	103
96088349			ZAM 160171	69	69	51	48	36	53	63	31	49	24	17	2.04	-3.0	28	15.2	1.4	55	28.4	44	65	-4	0.2	9.4	-10.2	0.8	34.5	-24	1	-0.68	-0.48	0.22
														47	74	57	48	69	51	56	62	43	41	16	33	54	35	22	51	51	47	24	25	24
ZAM 230069	1		ZAM 190208	81	109	100	91	67	78	100	103	80	104	102	81	92	109	109	100	104	111	104	119	97	88	113	65	76	105	93	104	103	95	112
96088356			ZAM 180101	70	69	49	47	36	52	63	32	48	23	27	2.94	-0.5	35	19.8	3.8	83	34.4	94	83	-32	-0.4	20.5	10.9	3.8	34.7	-8	17	0.94	-0.73	0.96
														47	74	58	47	69	49	55	63	43	42	17	37	54	35	21	52	51	47	22	24	22

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ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 230081 96088463	2	ZAM 190146 ZAM 200063		113 88	105 88	97 86	98 86	106 85	113 80	108 87	94 84	109 81	96 84	98 85	111 -0.20	111 -3.1	101 23	105 17.8	97 2.9	102 78	102 27.1	105 88	98 31	110 -53	104 0.5	122 25.9 87	110 -14.7 84	104 -1.3 84	100 31.6 86	92 -10 86	107 20 85	95 0.14 84	97 -0.49 84	95 -0.48 84
ZAM 230084 96088497	2	ZAM 190146 ZAM 200032		130 88	104 88	94 85	97 85	110 84	121 79	110 87	87 84	114 80	89 83	99 22	126 -1.79 89	124 -4.8 86	102 26	104 17.1	94 2.0	98 68	103 27.3	89 36	103 44	88 -17	125 1.7 84	110 18.9 86	113 -16.3 84	105 -1.5 83	105 35.0 85	85 -15 85	96 10 85	113 1.99 83	88 -1.79 83	95 -0.45 83
ZAM 230089 96088539	1	ZAM 190146 ZAM 200012		129 64	96 67	82 44	110 44	105 31	107 49	99 59	90 29	103 45	91 18	83 1	125 -1.60 71	123 -4.7 51	89 6	96 13.0	82 -1.8	86 39	95 20.2	95 61	107 52	97 -32	113 1.0 26	87 5.0 49	102 -10.0 31	106 -1.6 16	104 34.5 46	90 -11 45	97 11 41	110 1.65 17	99 -0.18 19	94 -0.57 17
ZAM 230093 96179197	1	CEF 190341 ZAM 200113		114 88	108 89	110 86	102 86	119 85	132 80	121 88	97 86	127 81	99 86	94 15	110 -0.07	115 -3.6	96 15	108 19.4	110 6.9	120 121	107 31.5	100 80	114 70	98 -34	108 0.8 87	89 6.2 87	128 -25.2 85	105 -1.4 84	112 39.4 86	91 -10 87	97 11 86	95 0.16 85	90 -1.47 86	110 0.76 85
ZAM 230095 96179239	1	CEF 190341 ZAM 130074		97 89	112 89	82 87	104 87	109 85	108 81	107 88	85 86	102 82	91 85	91 11	94 1.63	115 -3.6	95 15	112 21.6	82 -1.7	99 71	104 28.8	85 23	89 8	97 -32	124 1.7 86	82 1.8 87	128 -25.2 85	95 0.3 84	101 32.4 86	109 4 87	99 13 86	90 -0.33 85	86 -2.23 85	90 -0.88 85
ZAM 230097 96213293	1	ZAM 190208 ZAM 130199		83 88	114 88	95 86	80 86	83 84	87 80	105 87	86 84	84 81	93 84	114 42	69 4.21	103 -2.0	124 57	114 22.5	95 2.3	97 66	115 38.2	90 42	117 77	78 0	97 0.2 85	102 14.2 86	81 1.5 84	89 1.4 83	101 32.5 86	85 -15 86	95 9 85	93 0.00 84	83 -2.71 84	109 0.71 84
ZAM 230100 96088604	2	LFR 160061 ZAM 200161		82 89	123 89	95 87	88 87	111 86	114 81	117 88	116 86	115 82	125 86	103 28	73 3.83	99 -1.5	112 40	123 27.3	95 2.3	110 98	128 49.7	116 141	113 66	109 -52	125 1.7 87	132 32.0 88	124 -23.0 86	97 0.0 84	108 36.4 87	112 6 87	119 30 87	125 3.19 86	101 0.15 86	96 -0.43 86
ZAM 230105 96179213	1	CEF 190341 ZAM 200123		107 68	102 69	99 51	115 54	102 39	110 54	108 64	92 48	106 53	88 44	85 3	106 0.38	98 -1.3	86 1	102 15.9	99 3.3	109 96	104 28.2	93 52	106 50	95 -29	95 0.1 49	94 9.2 54	120 -20.2 45	89 1.4 22	103 33.5 50	95 -7 52	93 8 50	86 -0.68 43	78 -3.47 45	95 -0.51 43
ZAM 230108 96213830		LFR 190008 ZAM 140173		80 69	103 71	111 55	105 48	104 37	101 54	103 65	101 38	100 51	105 34	90 10	77 3.38	86 0.3	93 11	103 16.6	111 6.9	117 113	105 29.3	103 90	98 32	88 -17	103 0.5 51	105 15.8 58	110 -14.9 40	95 0.4 20	109 37.4 50	81 -18 57	97 11 54	99 0.59 32	94 -0.89 35	95 -0.50 32
ZAM 230109 96179221	2	CEF 190341 ZAM 180052		121 70	102 70	92 56	121 56	110 41	120 56	112 66	91 48	115 54	87 45	84 2	116 -0.74	114 -3.5	83 -3	102 15.8	92 1.4	105 85	101 25.6	92 47	110 60	94 -28	106 0.7 52	97 10.7 54	131 -26.9 45	92 0.9 24	104 34.5 53	94 -8 53	87 2 51	83 -0.98 44	78 -3.37 46	94 -0.56 44
ZAM 230120 96087846	4	ZAM 190146 ZAM 200009		105 88	113 88	100 86	95 86	107 85	117 80	115 87	96 84	113 81	101 84	97 19	102 0.75	124 -4.8	104 29	113 21.9	100 3.6	109 96	108 32.0	108 109	110 61	101 -39	119 1.4 85	108 17.4 86	100 -8.9 84	107 -1.7 84	108 36.8 86	78 -21 86	104 17 85	113 2.00 84	117 2.71 84	103 0.22 84
ZAM 230124 96087887	1	ZAM 190208 ZAM 180227		76 67	110 68	103 46	85 46	83 34	84 51	98 61	98 28	84 46	97 22	106 32	79 3.15	88 0.0	116 45	110 20.1	103 4.5	103 79	114 37.7	97 69	133 115	88 -17	102 0.4 34	104 15.1 51	88 -2.3 33	82 2.6 19	106 35.4 49	86 -14 49	95 9 45	99 0.57 21	95 -0.68 22	108 0.61 21

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 230126 96087903	2	ZAM 170005 ZAM 170239		85 66	109 68	92 50	101 48	89 34	91 51	101 62	86 30	88 47	96 16	95 17 48	86 2.46 72	88 0.1 55	97 18 48	109 19.8 68	92 1.2 50	103 80 55	104 28.7 69	90 41 41	78 -17 32	87 -15 15	99 0.3 27	121 25.3 49	89 -2.6 33	95 0.3 20	96 29.3 49	96 -6 47	101 14 43	117 2.34 15	91 -1.32 16	102 0.09 15
ZAM 230129 96087937	3	ZAM 190081 ZAM 200097		106 88	104 88	90 85	98 85	97 84	100 79	100 87	107 84	101 80	118 84	89 8 85	106 0.37 89	104 -2.1 86	101 23 85	104 17.2 88	90 0.8 85	95 62 86	97 22.3 88	103 90 85	71 -33 85	91 -21 83	98 0.2 84	110 18.6 86	96 -6.6 84	102 -0.9 83	98 30.5 86	78 -20 86	86 1 85	115 2.20 83	135 5.55 84	106 0.46 83
ZAM 230131 96087952	1	LFR 190008 ZAM 160042		117 69	93 71	100 56	99 49	103 38	101 55	94 65	93 38	98 52	97 34	91 12 50	113 -0.39 74	125 -4.9 58	100 22 49	93 11.1 71	100 3.6 56	93 57 59	100 25.2 72	95 62 53	110 59 48	95 -28 21	104 0.6 51	101 13.2 57	101 -9.7 42	101 -0.7 22	105 34.6 51	94 -8 56	100 14 54	98 0.51 32	97 -0.48 35	88 -1.05 32
ZAM 230132 96087960	1	LFR 190008 ZAM 180103		93 88	106 89	119 86	99 86	116 85	119 80	112 88	105 84	117 81	112 84	97 20 85	94 1.60 89	92 -0.5 87	99 20 86	106 18.0 89	119 9.6 86	123 128 87	110 33.8 88	109 113 86	102 40 85	94 -27 83	86 -0.4 86	85 3.7 87	111 -15.1 85	113 -2.9 83	109 37.4 86	99 -4 87	111 23 86	110 1.71 84	93 -0.98 84	79 -1.87 84
ZAM 230134 96087978	1	ZAM 190208 ZAM 180249		81 67	114 69	109 49	89 47	77 35	92 52	110 62	97 29	91 47	101 23	109 35 47	80 3.11 73	97 -1.2 55	111 39 47	114 22.4 69	109 6.4 49	114 106 55	116 39.1 70	97 66 41	110 60 41	85 -13 14	94 0.0 35	98 11.5 51	82 1.2 35	77 3.5 21	107 35.8 50	91 -10 49	97 11 46	96 0.31 22	91 -1.36 24	104 0.25 22
ZAM 230135 96087986	3	ZAM 190081 ZAM 200130		103 64	94 55	92 39	110 39	98 30	92 44	91 51	94 26	91 40	95 8	81 -2 44	105 0.48 71	93 -0.7 50	89 6 39	94 12.0 55	92 1.2 39	93 56 44	93 18.9 56	95 60 41	92 16 44	98 -34 9	111 0.9 22	109 17.9 50	103 -10.8 30	98 -0.2 15	97 29.8 46	85 -15 47	84 0 43	104 1.04 8	118 2.85 8	105 0.38 8
ZAM 230139 96088026	3	ZAM 190081 ZAM 200102		101 66	97 67	91 46	97 46	99 33	89 50	88 60	89 28	87 46	94 12	94 15 46	102 0.80 72	101 -1.7 54	102 25 46	97 13.2 67	91 0.8 46	88 44 53	96 21.8 70	91 45 43	93 18 43	89 -19 10	114 1.1 29	116 22.1 52	103 -10.8 32	96 0.1 18	101 32.4 48	82 -18 49	81 -4 45	94 0.08 12	121 3.33 13	104 0.31 12
ZAM 230140 96088034	4	ZAM 190081 ZAM 200181		108 88	85 88	98 86	123 86	102 84	94 80	89 87	85 84	90 81	95 83	74 -12 85	105 0.44 89	101 -1.7 87	81 -6 86	85 6.8 88	98 3.0 86	93 57 87	86 12.4 88	86 27 85	93 19 85	85 -12 83	129 1.9 85	97 11.2 87	109 -14.1 84	95 0.4 83	104 34.0 86	72 -25 86	70 -13 86	99 0.55 83	133 5.22 83	117 1.36 83
ZAM 230142 96088042	5	ZAM 190081 ZAM 200209		83 65	111 67	112 45	93 45	98 31	105 49	110 60	105 26	104 44	109 8	99 21 45	82 2.81 72	95 -0.8 52	106 31 45	111 20.8 67	112 7.4 45	117 114 52	108 32.3 70	106 102 40	91 14 43	105 -45 8	114 1.1 23	114 21.3 50	105 -11.8 30	96 0.1 16	99 31.3 46	101 -2 47	99 12 43	108 1.50 8	123 3.74 8	109 0.73 8
ZAM 230145 96088067	2	ZAM 190081 ZAM 200186		114 66	96 67	97 45	104 45	109 30	106 49	98 60	101 26	105 44	106 10	86 4 45	111 -0.19 72	111 -3.0 53	95 14 45	96 12.7 67	97 2.8 45	96 65 52	97 21.9 68	101 83 40	96 25 43	101 -38 8	120 1.4 21	109 18.3 50	115 -17.6 29	101 -0.8 16	107 35.8 46	88 -13 47	89 4 43	103 1.00 9	130 4.79 10	107 0.55 9
ZAM 230147 96088083		ZAM 190208 ZAM 170094		96 67	104 68	108 49	100 47	96 34	102 51	106 62	92 27	99 46	96 22	97 19 46	95 1.46 73	98 -1.4 55	98 19 47	104 16.9 68	108 6.0 49	111 100 55	102 26.6 68	91 46 38	99 34 40	84 -11 13	89 -0.3 30	100 12.8 49	95 -6.2 33	97 -0.1 20	103 33.5 50	93 -9 47	95 10 43	90 -0.29 21	90 -1.49 22	104 0.30 21
ZAM 230148 96210083	4	ZAM 190146 ZAM 200149		115 88	102 88	93 85	97 85	100 84	104 79	101 87	85 84	99 80	95 83	95 17 85	115 -0.58 89	110 -2.9 86	102 26 85	102 15.9 88	93 1.5 85	94 59 86	106 30.2 88	87 31 85	105 48 85	92 -24 83	109 0.8 84	100 12.5 86	97 -7.6 84	101 -0.7 83	104 34.3 85	86 -14 85	95 9 85	99 0.54 83	104 0.64 83	87 -1.19 83

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 230152 96213319	1	 ZAM 190208  ZAM 140182			77 88	110 88	102 86	90 85	90 84	90 80	101 87	100 84	90 81	94 83	103 27	80 3.05	87 0.1	110 36	110 20.3	102 4.4	106 87	113 36.2	100 80	123 91	94 -26	89 -0.3	115 21.5	98 -8.1	84 2.3	104 34.0	81 -18	92 7	93 -0.03	81 -2.92	90 -0.87
ZAM 230156 96091921	2	 ZAM 190024  ZAM 190107			110 88	98 88	93 85	103 85	111 84	106 79	97 87	80 84	100 80	90 83	90 10	109 0.05	105 -2.3	96 15	98 14.1	93 1.7	95 61	97 21.9	78 -4	102 42	77 2	124 1.7	131 31.1	116 -18.3	102 -1.0	106 35.2	72 -26	85 1	115 2.20	102 0.39	97 -0.34
ZAM 230160 96088133	4	ZAM 190081 ZAM 200226			108 66	98 67	96 45	102 46	102 31	100 50	97 60	96 26	99 45	98 8	93 14	108 0.16	104 -2.1	97 17	98 13.9	96 2.4	96 64	97 22.3	98 71	102 41	100 -36	112 1.0	108 17.5	106 -12.5	101 -0.7	101 32.3	87 -13	88 3	104 1.07	126 4.10	106 0.45
ZAM 230162 96088158	3	ZAM 190146 ZAM 200030			103 64	105 67	91 44	99 44	104 31	103 49	101 59	97 26	101 44	97 12	93 14	102 0.81	105 -2.2	100 23	105 17.5	91 1.1	97 66	101 25.8	103 89	96 26	98 -33	118 1.3	111 19.4	101 -9.6	104 -1.3	105 34.7	96 -6	105 18	101 0.74	100 0.09	90 -0.86
ZAM 230165 96218466	14	ZAM 180026 ZAM 170198			103 67	97 68	93 51	109 51	98 37	95 53	95 63	90 35	92 49	100 26	88 8	101 0.83	99 -1.5	90 7	97 13.1	93 1.5	96 64	100 25.0	90 41	107 52	79 -2	97 0.2	104 14.9	104 -11.4	97 -0.1	97 29.9	99 -4	98 12	92 -0.08	107 1.12	118 1.45
ZAM 230169 96217385	2	ZAM 190146 ZAM 190220			113 65	104 67	91 43	94 44	124 31	116 49	103 59	93 26	112 44	95 10	102 26	108 0.10	118 -4.0	105 30	104 17.2	91 1.0	94 58	102 26.8	97 70	110 60	97 -32	117 1.3	108 17.8	128 -25.3	114 -3.1	105 34.6	89 -12	101 14	107 1.40	102 0.38	86 -1.27
ZAM 230170 96217393	1	 ZAM 190208  ZAM 180145			95 88	110 89	113 86	90 86	78 84	99 80	114 88	107 84	100 81	115 84	107 33	91 1.93	115 -3.5	109 35	110 20.5	113 7.7	115 110	120 43.0	102 87	124 95	82 -7	116 1.2	89 6.3	74 5.6	80 3.0	115 40.9	90 -11	103 16	105 1.15	104 0.73	107 0.56
ZAM 230174 96235254		 ZAM 190208  ZAM 150048			77 87	123 88	101 85	79 84	95 83	102 79	116 87	108 83	103 80	116 82	112 39	75 3.60	93 -0.7	125 59	123 27.3	101 4.0	108 92	126 48.1	106 102	124 94	93 -25	101 0.4	116 22.2	101 -9.9	86 1.9	115 40.9	85 -15	102 16	102 0.87	93 -1.10	116 1.28
ZAM 230177 96564554	6	ZAM 190024 ZAM 190095			89 54	121 67	98 47	87 46	115 32	118 48	117 59	107 27	117 44	114 8	110 36	86 2.39	104 -2.1	114 42	121 26.1	98 3.1	110 96	117 40.1	107 105	115 73	93 -26	114 1.1	117 23.2	126 -23.7	105 -1.4	99 31.2	99 -4	110 23	117 2.38	107 1.18	107 0.57
ZAM 230180 96564570	1	 ZAM 190024  ZAM 190111			111 88	107 88	73 85	114 85	124 83	117 79	104 87	88 84	111 80	98 83	82 -1	108 0.12	107 -2.5	87 3	107 18.9	73 -4.5	90 50	108 32.0	86 25	107 53	77 1	128 1.9	101 13.5	141 -32.6	108 -1.9	104 34.0	81 -18	91 6	107 1.35	101 0.25	113 1.04
ZAM 230182 96564596	2	ZAM 180026 ZAM 160123			107 67	92 68	87 51	101 49	86 35	80 52	84 62	88 31	79 48	94 21	91 12	105 0.45	107 -2.5	97 18	92 10.5	87 -0.2	82 31	92 18.0	90 42	88 7	84 -11	99 0.3	105 15.9	91 -4.0	92 0.9	94 28.1	98 -5	95 10	87 -0.58	103 0.59	111 0.87
ZAM 230184 96564604	4	ZAM 190081 ZAM 200145			111 66	92 67	101 45	105 46	97 33	97 50	94 60	96 29	96 46	100 23	89 8	112 -0.28	100 -1.5	93 12	92 10.9	101 4.2	98 68	96 21.5	97 66	109 57	98 -33	126 1.7	115 21.9	102 -10.3	96 0.2	99 31.3	79 -20	81 -3	101 0.82	131 4.95	108 0.62

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values												Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
ZAM 230187 96564638	1	ZAM 180026 ZAM 190188			96 67	97 68	103 49	112 50	96 36	97 52	98 62	101 34	97 48	108 30	82 0	100 0.93	79 1.2 56	87 3	97 13.5	103 4.7	108 92	101 26.1	101 84	99 33	91 -21	109 0.8	114 21.0	101 -9.6	95 0.3	99 31.0	94 -8	98 12	97 0.38	115 2.50	122 1.76	
ZAM 230188 96564646	3	ZAM 180026 ZAM 150225			86 89	96 89	93 87	94 86	75 85	68 81	82 88	106 85	72 82	101 84	96 18	86 2.43	93 -0.7 87	106 30	96 13.0	93 1.6	88 45	104 28.2	107 107	115 72	102 -40	73 -1.2 86	78 -0.2	90 -3.2	74 4.0	92 27.3	100 -3	103 16	99 0.58	95 -0.78	129 2.43	
ZAM 230191 96564679		ZAM 180026 ZAM 170016			102 67	91 65	120 48	102 49	105 32	104 50	97 60	98 30	102 46	107 21	94 15	108 0.13	87 0.1 56	95 15	91 10.2	120 9.8	111 101	102 26.5	97 67	108 54	96 -29	95 0.0	104 15.1	115 -17.8	100 -0.6	97 30.0	116 10	108 20	98 0.51	112 1.88	121 1.69	
ZAM 230193 96564695	1	ZAM 180026 ZAM 190157			101 67	94 68	90 49	114 50	98 37	92 52	90 62	94 34	90 48	105 31	80 -4	104 0.51	86 0.3 56	86 2	94 11.8	90 0.6	93 56	97 22.7	95 61	91 14	89 -19	108 0.8	117 22.6	100 -9.3	100 -0.5	96 29.5	96 -6	96 10	96 0.25	118 2.86	118 1.48	
ZAM 240007 97225684		CEF 190341 ZAM 160023			102 70	112 70	108 56	99 56	112 40	123 56	119 66	93 48	118 54	93 44	101 25	99 1.06	107 -2.5 61	99 21	112 21.3	108 6.2	119 118	109 33.1	96 63	101 37	98 -33	95 0.1	95 9.8	118 -19.1	110 -2.3	101 32.4	111 6	104 17	93 -0.03	82 -2.74	98 -0.22	
ZAM 240009 97225700	1	LFR 160001 ZAM 150033			116 71	89 71	106 62	121 60	81 46	95 58	101 68	86 39	92 54	86 44	74 -11	111 -0.18	113 -3.3 65	82 -5	89 9.0	106 5.5	105 86	86 12.8	90 41	115 71	94 -27	112 1.0	102 13.8	92 -4.5	78 3.4	97 30.2	77 -22	82 -2	91 -0.20	113 2.06	98 -0.20	
ZAM 240010 97225718	1	CEF 190341 ZAM 150151			106 70	101 71	87 56	112 56	121 41	112 56	101 66	92 48	108 54	86 46	87 6	104 0.60	104 -2.1 62	88 4	101 15.6	87 -0.1	97 66	101 25.7	94 58	128 104	104 -43	94 0.0	100 12.6	135 -29.3	108 -2.0	100 31.8	106 2	97 11	87 -0.60	78 -3.43	98 -0.22	
ZAM 240011 97225726		CEF 190341 ZAM 160012			88 70	123 70	110 56	91 56	116 41	129 56	127 66	95 48	123 54	100 44	112 39	87 2.34	100 -1.6 62	108 34	123 27.2	110 6.8	124 132	115 38.3	100 78	59 -62	96 -30	91 -0.2	99 12.5	122 -21.5	112 -2.8	104 34.1	110 5	107 20	101 0.79	83 -2.67	97 -0.32	
ZAM 240012 98963465	3	CEF 190341 ZAM 150235			93 70	105 71	107 57	109 56	104 42	110 56	109 66	94 48	106 54	93 45	88 7	94 1.58	86 0.3 62	89 6	105 17.6	107 5.9	118 117	106 29.9	94 55	105 48	92 -24	103 0.5	87 5.0	117 -19.0	96 0.1	104 34.1	97 -6	92 6	87 -0.60	84 -2.41	98 -0.19	
ZAM 240015 97225759	1	CEF 190341 ZAM 180011			101 70	102 70	99 55	105 56	117 40	112 55	102 65	92 48	108 54	90 44	90 11	101 0.89	97 -1.2 61	93 12	102 15.9	99 3.3	104 84	102 26.5	93 51	105 48	90 -21	104 0.6	98 11.6	133 -28.2	102 -1.0	103 33.9	98 -5	94 8	85 -0.82	82 -2.75	97 -0.28	
ZAM 240016 97225767	1	LFR 190008 ZAM 190243			126 68	99 70	89 51	101 47	106 36	109 53	101 63	93 35	105 49	102 32	94 15	121 -1.20	125 -4.9 56	98 20	99 14.4	89 0.2	90 49	101 26.3	99 74	98 30	88 -17	117 1.2	94 9.0	113 -16.4	99 -0.3	103 33.5	89 -12	101 15	102 0.85	102 0.42	86 -1.23	
ZAM 240022 97225791	1	LFR 190008 ZAM 190115			96 68	110 70	100 51	95 47	112 36	113 53	109 63	100 36	110 50	104 34	99 22	92 1.82	108 -2.6 56	104 27	110 20.4	100 3.6	107 90	112 36.1	102 85	104 46	89 -18	106 0.6	98 11.5	117 -18.9	105 -1.5	102 33.1	91 -11	101 14	99 0.59	100 0.11	85 -1.30	

Breeding Values and Accuracies: Cows & Heifers

				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																										
Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 240028 97225833	1	LFR 190008 ZAM 190193		115 68	98 70	87 51	105 47	112 36	105 53	97 63	100 36	104 50	101 32	90 10	110 -0.08	119 -4.2	94 13	98 13.9	87 -0.3	90 48	101 25.9	101 83	119 83	93 -25	105 0.6	102 14.2	121 -21.1	103 -1.0	101 32.7	92 -9	97 11	95 0.20	102 0.32	86 -1.21
ZAM 240041 97225593	4	LFR 160001 ZAM 180109		100 70	102 70	121 59	109 59	103 45	116 57	114 67	87 38	110 53	98 45	83 1	101 0.88	91 -0.4	89 5	102 15.8	121 10.0	127 139	98 23.1	89 39	80 -12	84 -11	114 1.1	109 18.0	105 -11.8	104 -1.3	95 28.9	87 -13	94 8	98 0.46	111 1.84	100 -0.02
ZAM 240043 97225619		LFR 160001 ZAM 150049		119 71	94 71	104 61	113 60	97 44	108 58	105 68	94 38	105 54	97 44	76 -9	115 -0.58	114 -3.4	86 2	94 11.9	104 5.1	107 89	91 17.0	97 68	114 69	99 -34	104 0.6	116 22.0	98 -7.8	98 -0.3	95 29.0	91 -10	95 9	94 0.08	113 2.03	107 0.55
ZAM 240045 97227342	5	ZAM 170005 ZAM 190010		76 66	110 68	88 49	101 48	74 36	77 52	97 62	89 30	76 48	93 18	94 15	71 4.04	75 1.8	98 20	110 20.2	88 0.0	100 73	111 34.5	92 51	101 37	89 -19	93 -0.1	112 19.7	79 3.1	79 3.2	98 30.6	94 -8	100 13	100 0.71	97 -0.46	109 0.72
ZAM 240046 97225635	1	ZAM 200089 ZAM 180215		78 66	120 67	99 48	97 47	100 34	107 51	115 61	95 30	104 47	105 24	95 16	69 4.19	81 1.0	102 25	120 25.5	99 3.3	116 112	111 34.9	97 68	96 25	89 -18	115 1.2	97 10.7	102 -10.4	96 0.1	104 34.5	101 -2	106 19	103 0.96	107 1.16	94 -0.60
ZAM 240048 97577035	1	ZAM 200089 ZAM 190003		78 65	116 67	103 47	93 47	84 34	95 50	110 60	98 30	94 46	103 24	102 26	74 3.66	86 0.3	106 30	116 23.4	103 4.6	114 106	110 34.0	100 80	104 45	94 -27	115 1.2	96 10.3	92 -4.8	81 2.8	101 32.5	101 -3	106 19	99 0.60	108 1.38	93 -0.65
ZAM 240053 97577068	1	ZAM 200089 ZAM 170110		96 66	106 67	105 48	113 47	91 34	106 51	113 61	86 30	101 47	92 26	86 5	95 1.48	93 -0.6	86 2	106 18.4	105 5.1	119 119	102 27.1	90 40	100 37	94 -27	114 1.1	99 12.3	94 -5.7	88 1.6	103 33.5	93 -9	97 11	95 0.19	109 1.43	92 -0.77
ZAM 240056 97577084	2	ZAM 170005 ZAM 150009		71 68	108 69	111 52	102 50	87 37	92 53	104 63	99 32	92 49	104 18	96 18	70 4.14	59 3.9	95 15	108 19.4	111 7.0	120 122	111 35.2	101 84	91 13	97 -33	93 -0.1	106 16.4	97 -7.1	86 2.0	99 31.3	98 -4	104 17	109 1.57	98 -0.33	119 1.53
ZAM 240064 97577407	1	ZAM 170005 ZAM 190036		77 66	109 68	91 48	103 48	75 37	79 52	98 61	88 32	78 48	94 25	92 13	66 4.53	72 2.1	95 15	109 19.8	91 0.9	103 80	110 33.9	92 50	90 12	85 -12	96 0.1	112 19.9	73 6.3	90 1.3	92 26.7	95 -7	98 12	103 0.96	90 -1.52	112 0.94
ZAM 240071 97577183	5	ZAM 200089 ZAM 190207		80 64	122 66	100 42	96 46	95 33	109 49	120 59	94 30	106 45	100 24	100 23	73 3.78	90 -0.2	102 25	122 26.8	100 3.8	120 121	112 35.6	97 68	93 18	92 -24	121 1.5	96 10.4	95 -6.0	95 0.2	103 34.0	87 -14	102 15	108 1.44	105 0.90	86 -1.22
ZAM 240072 97577191	1	ZAM 200089 ZAM 170247		88 66	114 67	112 48	99 48	103 34	116 51	119 61	99 30	113 47	107 24	97 19	88 2.25	93 -0.7	99 20	114 22.5	112 7.5	124 132	110 33.5	101 84	111 63	94 -27	109 0.8	102 14.1	104 -11.6	97 0.0	106 35.4	103 -1	110 22	102 0.90	108 1.38	96 -0.37
ZAM 240085 97577316	1	TMB 200231 ZAM 210021		105 68	120 70	93 53	92 47	107 38	121 53	120 64	126 40	123 50	128 48	108 34	103 0.67	111 -3.0	109 35	120 25.6	93 1.5	107 91	123 45.9	120 154	113 67	119 -67	111 1.0	109 18.1	109 -14.0	102 -0.9	103 33.4	122 14	117 29	118 2.46	125 3.94	121 1.73

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 240086	2	ZAM 200089	0.97577324	101	118	102	92	106	120	121	98	117	109	102	100	104	107	118	102	114	116	99	127	94	115	105	109	102	101	97	109	110	118	95
97577324		ZAM 200066		65	66	44	47	34	50	59	30	46	26	27	0.93	-2.1	32	24.7	4.2	107	39.4	74	101	-27	1.1	15.8	-14.1	-0.9	32.3	-6	22	1.70	2.82	-0.51
ZAM 240087	1	ZAM 170005	0.97577332	73	110	84	101	78	76	94	94	77	99	99	69	66	98	110	84	97	112	97	106	98	92	115	82	85	93	98	101	109	102	116
97577332		ZAM 140210		68	69	51	48	36	53	63	31	49	20	21	4.25	3.0	19	20.4	-1.2	66	35.4	69	51	-34	-0.1	21.8	1.1	2.1	27.5	-5	15	1.61	0.31	1.30
ZAM 240089	1	CEF 200410	0.97577357	84	106	102	105	128	114	104	89	109	94	95	81	93	93	106	102	111	109	93	108	93	113	95	134	120	101	89	97	101	107	90
97577357		ZAM 160064		67	70	50	47	35	52	63	35	49	35	17	2.94	-0.6	12	17.9	4.3	99	33.1	54	56	-25	1.0	10.0	-28.4	-4.2	32.5	-12	11	0.77	1.20	-0.91
ZAM 240091	2	ZAM 200089	0.97911994	104	100	97	126	100	109	109	91	105	98	74	102	95	79	100	97	111	98	94	105	89	113	101	102	94	108	93	99	97	115	93
97911994		ZAM 180135		66	66	48	48	34	50	60	30	46	24	-11	0.78	-0.9	-10	15.1	2.8	100	23.2	55	49	-19	1.1	13.4	-10.1	0.5	36.9	-8	12	0.34	2.39	-0.66
ZAM 240097	1	ZAM 190024	0.97912042	77	116	106	96	107	110	113	109	110	113	100	76	83	102	116	106	119	116	106	116	93	105	117	121	95	104	101	109	110	103	115
97912042		ZAM 210052		65	66	44	46	32	49	59	28	45	11	23	3.47	0.7	25	23.5	5.5	118	39.3	101	74	-25	0.6	23.2	-21.0	0.3	34.2	-3	22	1.68	0.58	1.20
ZAM 240103	1	ZAM 190024	0.97912109	87	111	100	101	108	108	108	111	109	115	97	86	91	97	111	100	112	114	109	121	97	107	116	116	100	104	95	110	119	109	112
97912109		ZAM 210083		65	66	45	45	31	49	59	27	45	11	19	2.39	-0.3	17	20.6	3.7	102	37.2	112	85	-32	0.7	22.4	-18.3	-0.5	34.2	-7	22	2.54	1.48	0.99
ZAM 240108	1	CEF 200410	0.97912141	109	102	99	94	111	110	102	87	105	96	106	104	117	105	102	99	98	103	93	83	92	108	94	114	110	98	99	103	100	96	88
97912141		ZAM 130199		69	70	53	48	37	53	64	37	50	38	31	0.56	-3.9	29	16.1	3.4	70	27.6	54	-6	-23	0.8	9.2	-17.0	-2.3	30.9	-4	16	0.69	-0.51	-1.09
ZAM 240111	4	ZAM 190081	0.97912174	93	108	103	95	113	110	106	99	108	108	97	91	102	104	108	103	107	103	100	97	98	118	118	115	110	99	101	97	105	125	109
97912174		ZAM 200204		66	67	46	46	33	50	60	27	45	10	20	1.88	-1.9	28	19.2	4.5	91	27.7	78	29	-33	1.3	23.7	-17.5	-2.4	31.2	-2	11	1.23	4.06	0.74
ZAM 240114	6	ZAM 190024	0.97912208	83	112	92	101	110	105	105	101	104	104	96	84	87	98	112	92	106	113	98	97	89	104	106	122	99	104	95	99	116	101	113
97912208		ZAM 210041		65	66	44	45	32	49	59	30	45	17	19	2.64	0.2	19	21.5	1.2	87	36.3	73	29	-19	0.6	16.3	-21.9	-0.4	34.0	-7	12	2.32	0.24	1.03
ZAM 240116	1	CEF 200410	0.97912224	111	97	105	104	118	116	103	84	109	92	94	109	109	94	97	105	105	100	89	102	90	120	99	121	115	102	95	99	96	105	89
97912224		ZAM 180111		67	69	50	47	34	52	62	34	48	35	15	0.06	-2.8	13	13.5	5.1	85	25.1	39	40	-19	1.4	12.0	-20.9	-3.2	32.8	-7	12	0.24	0.87	-1.02
ZAM 240117	3	ZAM 190024	0.97912232	78	112	102	99	110	107	108	102	106	103	97	76	83	99	112	102	114	112	100	117	89	109	117	121	99	106	95	101	103	99	107
97912232		ZAM 210123		65	66	45	46	33	49	59	28	45	10	19	3.48	0.7	20	21.5	4.4	107	35.4	78	78	-19	0.8	23.0	-20.9	-0.4	35.2	-7	14	0.94	-0.18	0.57
ZAM 240126	1	LFR 190008	0.97980379	99	104	92	104	122	112	102	99	109	105	89	94	108	94	104	92	100	106	99	114	91	109	106	126	113	105	84	99	99	104	86
97980379		ZAM 170160		69	70	53	48	38	54	64	38	51	34	9	1.61	-2.6	14	17.2	1.2	73	30.7	76	70	-22	0.8	16.5	-24.0	-2.9	34.6	-16	13	0.60	0.73	-1.26
														48	74	58	48	70	53	57	72	54	48	20	51	58	41	22	51	57	55	33	35	33

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 240131	1	LFR 190008	1	100	102	87	92	116	100	92	101	100	101	95	98	108	109	102	87	87	107	102	107	92	93	96	118	109	107	97	104	98	93	87
97980403		ZAM 150013		69	70	55	49	36	54	65	36	50	32	16	1.24	-2.6	35	16.2	-0.3	42	31.0	86	52	-24	-0.1	10.4	-19.4	-2.1	36.2	-5	18	0.47	-1.06	-1.12
ZAM 240133	1	CEF 200410	1	118	95	112	109	122	124	107	93	119	98	90	115	111	89	95	112	113	101	97	111	102	98	97	132	111	102	109	105	101	101	92
97980429		ZAM 140223		68	70	52	47	33	52	63	35	49	34	10	-0.61	-3.1	5	12.1	7.5	104	25.9	67	62	-40	0.2	10.7	-27.4	-2.4	33.1	4	18	0.81	0.26	-0.77
ZAM 240134	1	CEF 200410	1	113	98	93	103	119	111	98	89	106	95	98	109	113	95	98	93	94	105	93	103	95	111	109	120	115	101	95	97	102	106	88
98252638		ZAM 200072		67	69	49	46	34	52	62	34	48	34	20	0.01	-3.4	15	13.7	1.7	60	29.5	54	43	-29	0.9	17.9	-20.7	-3.2	32.5	-7	11	0.89	1.08	-1.04
ZAM 240136	1	CEF 200410	1	102	113	103	93	115	121	116	100	118	110	108	99	110	107	113	103	111	114	103	91	100	113	112	117	109	105	107	111	114	108	92
98252653		ZAM 200041		67	69	48	46	33	51	62	34	48	34	34	1.08	-2.9	32	22.0	4.6	99	37.9	92	15	-37	1.0	20.1	-18.8	-2.2	34.8	2	23	2.07	1.27	-0.69
ZAM 240137	2	ZAM 200089	2	115	104	96	113	95	112	113	94	108	101	86	112	111	87	104	96	109	104	97	124	98	118	102	105	86	105	97	103	105	113	89
98252661		ZAM 180132		66	67	48	48	34	51	61	30	47	24	4	-0.23	-3.0	2	17.3	2.5	94	28.6	66	93	-33	1.3	14.2	-12.1	2.0	34.7	-6	17	1.21	2.09	-0.99
ZAM 240138	1	LFR 190008	1	89	111	106	101	116	117	113	94	113	101	98	84	101	97	111	106	117	110	95	100	90	98	97	114	113	102	100	104	94	92	84
98252679		ZAM 170094		68	70	52	47	36	53	63	35	49	33	21	2.60	-1.7	18	20.9	5.5	115	33.6	61	35	-20	0.2	11.0	-17.3	-2.8	32.8	-3	17	0.07	-1.14	-1.40
ZAM 240141	2	ZAM 200089	2	96	103	106	106	89	99	107	85	95	90	87	93	98	92	103	106	113	97	88	104	86	119	88	91	92	97	93	96	100	101	86
98252703		ZAM 150078		67	68	50	48	36	52	62	31	48	24	5	1.67	-1.3	10	16.7	5.5	106	22.4	33	46	-13	1.4	5.3	-3.8	0.8	29.8	-9	11	0.67	0.29	-1.25
ZAM 240144	1	CEF 200410	1	86	109	101	91	112	105	102	98	103	99	111	87	95	109	109	101	104	113	103	124	105	113	108	115	108	99	110	111	100	103	95
98252729		ZAM 180027		67	69	50	46	34	52	62	34	48	34	38	2.33	-0.9	35	19.8	4.0	84	36.6	90	94	-46	1.0	17.5	-17.9	-2.0	31.4	5	23	0.68	0.46	-0.49
ZAM 250005	1	LFR 190008	1	105	100	89	103	107	100	96	95	98	104	91	101	109	96	100	89	93	106	95	109	84	101	95	112	101	102	94	101	99	97	91
98958424		ZAM 170249		68	69	53	48	36	53	63	38	50	36	12	0.90	-2.7	16	15.1	0.5	56	30.5	61	57	-11	0.4	9.8	-15.8	-0.7	33.3	-8	14	0.54	-0.37	-0.78
ZAM 250010	1	TMB 200231	1	82	145	102	74	93	127	149	142	133	147	131	75	109	132	145	102	122	144	137	107	130	109	127	101	88	99	138	136	123	125	122
98970791		ZAM 200209		68	69	52	46	37	53	63	38	50	46	66	3.59	-2.7	70	39.0	4.3	127	64.4	219	52	-86	0.8	28.9	-9.5	1.5	31.4	27	46	2.96	3.95	1.81
ZAM 250011	1	TMB 200231	1	114	112	96	91	95	112	115	125	116	129	105	112	117	110	112	96	103	119	120	111	121	114	124	96	91	103	112	112	111	133	123
98970809		ZAM 200058		68	70	54	48	40	54	64	40	51	50	30	-0.24	-3.8	36	21.6	2.4	80	41.8	156	63	-71	1.1	26.9	-6.7	1.0	33.5	6	24	1.80	5.21	1.86
ZAM 250015	1	TMB 200231	1	114	113	93	93	106	118	115	133	123	132	103	110	119	106	113	93	103	122	126	111	123	113	117	116	94	107	117	117	108	131	119
98970841		ZAM 200186		68	70	52	46	37	53	63	38	50	46	28	-0.05	-4.1	31	21.9	1.5	79	44.5	179	62	-74	1.1	22.9	-18.2	0.6	36.0	10	29	1.52	5.02	1.56
														45	73	56	46	70	52	56	60	50	26	23	50	54	41	22	48	53	51	45	47	45

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250021 98970908	1	TMB 200231 ZAM 200171			88 68	121 70	100 53	85 48	91 40	106 54	118 64	132 40	112 51	131 49	116 45	84 2.70	108 -2.6	116 46	121 26.3	100 3.6	110 97	128 49.6	126 179	113 66	118 -67	109 0.8	124 27.2	95 -6.1	90 1.2	101 32.3	122 15	118 30	108 1.46	116 2.65	118 1.48
ZAM 250025 98970940	2	TMB 200231 ZAM 200177			81 68	131 70	89 52	87 46	100 37	113 53	123 63	128 38	117 50	132 46	113 41	76 3.51	99 -1.5	114 43	131 31.6	89 0.3	111 100	133 54.5	124 168	104 45	119 -67	112 1.0	118 23.6	111 -15.4	90 1.3	102 33.3	112 7	117 29	115 2.23	125 4.02	115 1.23
ZAM 250028 98970973	1	LFR 190008 ZAM 180261			107 68	96 70	94 51	100 48	97 37	94 53	93 63	98 37	93 50	99 38	95 17	103 0.68	118 -4.0	98 19	96 13.0	94 1.8	92 54	104 28.9	98 72	111 62	85 -13	100 0.3	97 10.9	100 -9.4	95 0.3	102 33.3	89 -12	95 9	90 -0.32	86 -2.12	85 -1.32
ZAM 250031 98971005	1	TMB 200231 ZAM 200174			92 68	114 70	93 54	95 48	99 40	103 54	109 64	126 40	108 51	120 49	102 26	89 2.09	102 -1.9	105 29	114 22.2	93 1.6	104 83	123 45.6	120 154	117 76	115 -61	113 1.1	120 24.6	105 -12.1	94 0.4	100 32.0	111 6	107 20	99 0.54	114 2.33	115 1.25
ZAM 250036 6020433345	1	TMB 200231 ZAM 200032			109 68	121 70	91 53	90 47	98 38	117 53	121 64	127 38	121 50	128 46	113 41	107 0.20	113 -3.3	111 38	121 25.9	91 1.0	106 87	127 48.9	121 157	119 82	119 -68	117 1.3	130 30.5	111 -15.6	89 1.3	98 30.5	115 9	115 27	116 2.24	123 3.71	119 1.51
ZAM 250037 98971039	1	LFR 190008 ZAM 160123			99 69	101 70	93 53	94 47	97 35	93 53	94 64	95 35	92 49	98 32	100 23	96 1.35	120 -4.3	106 30	101 15.7	93 1.5	92 55	103 27.2	98 73	102 40	92 -24	95 0.0	102 13.8	97 -7.6	98 -0.1	102 33.1	96 -7	102 16	92 -0.11	92 -1.20	82 -1.56
ZAM 250041 98971070	1	TMB 200231 ZAM 200173			117 68	107 70	86 53	97 48	100 39	107 54	105 64	127 39	112 51	123 46	103 27	114 -0.53	116 -3.7	103 26	107 18.6	86 -0.6	93 56	115 38.4	121 159	113 68	116 -64	109 0.8	120 24.9	108 -13.8	92 0.8	103 33.5	111 5	109 21	101 0.82	123 3.70	118 1.46
ZAM 250042 98971088	1	TMB 200231 ZAM 200037			84 68	115 70	104 54	93 48	92 40	102 54	112 64	133 40	108 51	131 50	106 32	84 2.64	94 -0.7	106 30	115 22.7	104 5.0	113 106	125 47.0	126 176	95 24	115 -62	109 0.8	117 23.0	101 -9.8	85 2.1	102 33.3	114 8	111 24	104 1.04	115 2.41	122 1.79
ZAM 250050 98971161	2	LFR 190008 ZAM 170101			95 69	125 70	105 52	83 47	107 37	124 53	127 64	99 37	120 50	110 34	117 47	92 1.78	121 -4.4	118 47	125 28.1	105 5.1	115 110	118 41.3	101 85	95 23	88 -17	110 0.9	101 13.1	104 -11.3	108 -2.0	102 32.9	100 -3	115 27	102 0.87	95 -0.71	81 -1.70
ZAM 250055 98971211	1	LFR 190008 ZAM 180201			102 68	98 70	94 52	111 48	108 37	102 53	98 64	98 35	101 49	96 34	88 2	99 1.03	100 -1.6	88 4	98 13.8	94 1.9	99 72	106 30.3	99 74	111 62	93 -25	101 0.4	104 15.2	120 -20.5	97 -0.1	102 32.8	92 -9	96 10	95 0.21	91 -1.36	85 -1.35
ZAM 250056 98971229		TMB 200231 ZAM 200009			82 68	133 70	105 53	82 48	99 40	122 54	135 64	130 39	126 51	135 50	120 50	78 3.27	106 -2.3	120 52	133 32.8	105 5.2	122 126	133 54.0	127 181	107 52	118 -67	116 1.2	126 28.3	100 -9.1	95 0.3	103 33.4	112 6	118 30	117 2.34	130 4.76	123 1.85
ZAM 250057 98971237	1	LFR 190008 ZAM 160047			94 69	108 70	106 54	90 48	99 36	104 53	108 64	98 35	102 49	104 32	104 29	90 2.06	114 -3.4	110 36	108 19.5	106 5.5	107 91	107 31.4	100 79	99 33	87 -16	112 1.0	109 18.0	102 -10.0	96 0.1	102 32.8	97 -5	107 20	101 0.76	84 -2.45	82 -1.62

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 250063 98971294	1	CEF 200410 ZAM 200012		118 66	91 69	94 47	120 46	113 32	109 51	97 62	95 36	106 48	96 37	83 1 46	115 -0.61 72	108 -2.7 53	83 -2 46	91 10.2 69	94 1.8 47	95 61 54	98 23.3 54	98 70 46	101 38 20	101 -39 22	103 0.5 47	87 4.8 51	116 -18.4 33	109 -2.1 19	102 32.8 44	103 -1 50	99 13 47	109 1.55 35	103 0.57 39	99 -0.10 35
ZAM 250065 98971302	1	LFR 190008 ZAM 180213		94 68	106 70	97 52	101 48	98 36	100 53	104 64	101 36	100 50	106 32	94 16 48	90 2.01 73	104 -2.1 56	98 19 48	106 18.4 70	97 2.9 52	105 85 57	112 36.1 60	102 85 52	112 64 52	93 -25 17	102 0.4 50	105 15.9 56	107 -13.0 40	89 1.3 20	105 35.2 47	93 -9 55	102 15 53	101 0.76 31	101 0.15 34	93 -0.63 31
ZAM 250066 98971310		LFR 190008 ZAM 160056		96 69	92 70	96 54	103 48	108 36	92 53	86 64	94 36	90 50	93 33	88 8 48	97 1.26 74	93 -0.6 58	95 15 48	92 10.9 70	96 2.4 54	92 53 57	100 25.3 58	94 58 53	103 44 51	91 -21 17	100 0.3 50	95 9.8 58	116 -18.2 40	99 -0.4 20	105 34.6 48	92 -9 57	96 10 54	91 -0.18 32	89 -1.62 34	80 -1.79 32
ZAM 250069 98971344	1	CEF 200410 ZAM 160196		113 69	97 70	99 52	103 48	112 35	109 53	100 64	92 36	105 50	95 35	92 13 48	107 0.21 74	116 -3.7 57	95 15 48	97 13.1 70	99 3.5 52	99 70 57	101 26.0 53	96 65 48	102 41 25	102 -40 21	103 0.5 47	103 14.4 54	109 -14.3 36	114 -3.0 22	103 33.5 48	101 -2 53	101 14 49	107 1.37 33	100 0.08 37	96 -0.40 34
ZAM 250070 98971351	1	CEF 200410 ZAM 190054		86 67	108 69	111 49	93 47	108 34	108 52	108 62	99 36	106 49	100 38	104 29 46	83 2.78 73	101 -1.7 55	106 31 47	108 19.4 69	111 7.1 49	113 106 55	112 35.9 54	104 93 48	99 33 21	99 -35 20	105 0.6 49	104 15.0 53	109 -14.1 35	107 -1.8 22	101 32.7 46	107 2 52	106 19 49	99 0.54 37	92 -1.17 40	91 -0.81 37
ZAM 250074 98971393	1	CEF 200410 ZAM 190115		119 67	105 69	99 49	93 46	121 33	124 51	109 62	99 34	120 48	103 34	107 32 46	117 -0.84 73	116 -3.8 54	106 30 46	105 17.8 69	99 3.5 49	101 76 55	108 31.8 54	103 91 47	94 21 22	99 -35 18	113 1.1 45	100 13.1 53	126 -23.6 33	115 -3.3 20	100 31.9 45	102 -1 51	106 19 48	106 1.31 33	108 1.29 36	92 -0.76 33
ZAM 250077 98971427	1	CEF 200410 ZAM 160013		105 69	90 70	90 51	110 47	129 34	104 53	85 63	95 36	101 50	96 36	86 5 47	104 0.54 74	100 -1.5 56	89 6 47	90 9.4 70	90 0.6 51	86 40 56	98 22.9 54	100 79 46	99 33 19	111 -54 22	103 0.5 49	108 17.6 52	130 -26.3 32	125 -5.0 21	99 31.3 48	106 2 51	101 14 48	101 0.74 35	107 1.18 38	91 -0.85 35
ZAM 250078 98971435	2	CEF 200410 ZAM 150235		87 68	109 70	108 51	93 47	108 35	108 53	106 63	102 35	106 49	106 35	106 32 47	88 2.22 73	94 -0.8 56	106 31 47	109 19.5 70	108 6.2 51	111 100 56	114 37.5 56	105 97 47	112 64 25	103 -42 20	113 1.1 48	97 11.2 52	110 -14.8 34	108 -2.0 22	102 33.1 48	105 1 51	107 20 48	105 1.22 33	106 1.08 37	94 -0.56 34
ZAM 250083 98971484	1	CEF 200410 ZAM 150033		116 69	89 70	102 52	104 47	104 35	100 53	93 64	89 36	97 50	86 34	92 13 47	112 -0.23 74	122 -4.5 56	94 13 47	89 9.3 70	102 4.3 52	95 60 56	93 18.7 56	96 63 47	105 47 21	102 -40 18	111 1.0 47	94 9.5 55	116 -18.5 35	97 0.0 22	100 31.7 47	94 -8 52	95 9 49	97 0.41 32	100 -0.01 35	84 -1.40 32
ZAM 250084 98971492	1	LFR 190008 ZAM 180052		116 69	100 70	89 53	105 48	105 36	105 53	100 64	98 36	104 50	99 34	90 10 48	113 -0.36 74	126 -5.1 57	94 12 48	100 14.8 70	89 0.3 53	94 58 57	104 28.4 60	99 77 52	119 83 47	93 -25 18	109 0.8 52	103 14.5 55	116 -18.4 40	93 0.6 21	103 33.9 48	89 -12 54	95 9 53	93 -0.06 32	93 -1.06 35	83 -1.48 32
ZAM 250086 98975972	1	CEF 200410 ZAM 180108		102 67	98 70	110 50	103 47	121 33	115 52	103 63	88 34	110 48	93 34	93 14 47	100 0.98 73	101 -1.8 55	94 14 47	98 14.1 70	110 6.7 50	110 98 56	101 25.7 54	92 47 47	96 27 21	92 -23 19	117 1.2 46	100 12.8 52	120 -20.7 33	119 -4.0 21	102 32.8 46	99 -4 51	100 14 47	98 0.48 33	104 0.76 36	88 -1.06 33
ZAM 250088 98975998		LFR 190008 ZAM 150034		105 69	97 71	95 55	101 47	113 35	103 54	95 65	100 36	102 50	100 32	88 7 48	100 0.96 74	113 -3.3 57	97 18 47	97 13.3 71	95 2.1 55	94 59 58	101 25.9 60	102 87 53	114 69 51	95 -28 16	94 0.0 50	96 10.6 58	116 -17.9 38	110 -2.3 19	100 32.1 48	103 -1 57	105 18 54	94 0.04 30	92 -1.25 33	86 -1.26 31

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 250091	1	LFR 190008		104	95	91	107	105	96	91	99	95	93	84	101	103	91	95	91	92	101	99	110	91	99	93	111	100	103	87	88	86	95	87
98976020		ZAM 180083		68	70	52	47	35	53	63	36	50	34	1	0.85	-2.0	9	12.3	0.9	53	26.2	75	60	-23	0.3	8.7	-15.6	-0.6	33.5	-13	3	-0.74	-0.68	-1.15
														47	73	56	47	70	52	56	59	52	47	18	52	56	39	20	47	55	53	32	35	32
ZAM 250092	1	CEF 200410		88	120	104	90	113	120	120	105	118	110	109	85	103	110	120	104	116	120	109	97	106	109	105	118	108	100	110	117	114	105	95
98976038		ZAM 200191		66	68	46	45	32	50	61	32	46	34	36	2.59	-2.0	36	25.7	5.1	113	42.8	114	28	-46	0.8	15.6	-19.4	-2.1	31.8	5	29	2.11	0.91	-0.51
														45	72	53	45	68	46	53	54	46	20	17	45	51	33	18	44	50	46	32	35	32
ZAM 250094	1	CEF 200410		100	101	108	100	112	110	103	99	108	101	98	100	100	98	101	108	108	106	103	97	99	104	104	114	109	101	108	106	101	104	94
99049678		ZAM 190262		67	68	49	46	32	51	62	35	48	34	21	1.00	-1.6	19	15.3	6.1	93	30.4	91	28	-35	0.6	15.4	-17.1	-2.1	32.6	3	19	0.76	0.64	-0.53
														46	73	55	46	68	49	54	51	49	21	18	47	54	30	20	46	53	49	33	36	33
ZAM 250099	1	LFR 190008		116	90	104	106	105	103	95	84	98	88	85	112	120	92	90	104	98	94	88	103	86	113	100	107	103	101	91	95	89	87	81
99049702		ZAM 180061		69	71	53	48	37	54	65	36	50	32	4	-0.28	-4.3	10	9.5	4.8	68	19.3	34	43	-14	1.1	12.5	-13.0	-1.1	32.4	-10	9	-0.43	-1.93	-1.70
														48	74	58	48	71	53	57	60	53	47	17	52	57	40	22	49	56	54	31	34	31
ZAM 250102	1	CEF 200410		103	99	105	97	112	108	101	102	106	95	99	98	112	101	99	105	103	105	105	117	107	109	106	113	110	102	103	98	96	99	92
99049728		ZAM 180105		67	69	48	46	32	51	62	34	48	34	22	1.19	-3.3	23	14.5	5.2	80	29.8	99	77	-48	0.8	16.5	-16.5	-2.3	33.2	0	12	0.30	-0.04	-0.72
														46	73	55	46	69	48	54	54	47	19	17	48	53	32	20	45	52	48	32	35	32
ZAM 250106	1	CEF 200410		96	101	99	94	135	114	96	93	110	99	107	93	106	105	101	99	97	105	97	104	96	114	98	134	127	104	101	103	100	108	90
99049769		ZAM 170202		67	69	49	46	33	51	62	34	48	34	33	1.71	-2.4	30	15.5	3.3	66	29.5	68	47	-29	1.1	11.6	-28.8	-5.3	34.4	-3	16	0.69	1.38	-0.92
														46	73	55	46	69	49	55	52	47	19	19	44	54	32	20	46	53	49	33	36	33
ZAM 250108	1	CEF 200410		88	100	108	107	109	104	101	93	101	94	89	88	88	91	100	108	113	106	98	100	97	106	104	110	107	100	102	100	94	92	91
99049785		ZAM 190132		67	69	49	47	34	52	62	36	49	38	9	2.26	0.0	9	15.0	6.2	104	30.2	71	35	-31	0.7	14.9	-14.9	-1.8	32.1	-1	13	0.04	-1.19	-0.84
														46	73	55	47	69	49	55	54	49	24	20	49	54	35	21	46	53	49	37	40	37
ZAM 250110	1	CEF 200410		107	105	97	103	116	116	107	96	112	101	100	103	110	96	105	97	105	109	101	102	104	109	111	123	110	99	108	105	108	109	92
99049801		ZAM 200011		66	69	48	46	33	51	62	34	48	34	23	0.62	-2.9	16	17.5	2.9	85	33.3	81	41	-43	0.8	19.1	-22.3	-2.4	31.2	3	18	1.45	1.54	-0.77
														46	72	54	46	69	48	54	54	48	22	17	46	52	34	20	45	51	47	32	36	32
ZAM 250112				79	107	108	99	97	97	104			84	103	71	83	99	107	108	114	104	83	102	80	98	86	100	109	81	100	94	85	90	98
99694127		ZAM 180249		59	59	38	37	25	43	52			12	27	4.05	0.7	21	18.8	6.2	107	28.1	16	42	-4	0.2	4.5	-8.8	-2.2	20.5	-3	8	-0.83	-1.50	-0.26
														37	65	46	37	59	38	45	37	26	14	10	23	28	26	16	34	28	26	11	12	11
ZAM 250113	1	LFR 190008		120	91	94	110	112	106	94	85	101	88	84	117	126	89	91	94	92	96	87	104	84	112	105	114	105	105	79	88	94	97	79
99049827		ZAM 190107		68	69	50	46	35	52	62	36	49	34	2	-0.83	-5.1	5	10.0	2.0	54	21.2	32	46	-11	1.0	15.8	-17.2	-1.5	34.9	-20	3	0.13	-0.40	-1.81
														46	73	55	46	69	50	55	58	51	47	19	50	54	39	20	46	53	51	32	35	32
ZAM 250114		CEF 200410		111	87	105	110	125	109	91	84	103	85	88	110	104	88	87	105	98	92	88	100	89	107	91	125	123	101	93	90	89	101	86
99049835		ZAM 160089		67	69	51	46	32	51	63	34	48	34	7	-0.05	-2.1	5	7.8	5.3	68	17.9	32	35	-19	0.7	7.1	-23.1	-4.7	32.6	-8	5	-0.41	0.26	-1.26
														47	73	55	46	69	51	55	52	47	21	17	46	54	32	19	46	52	48	32	35	32
ZAM 250115	1	CEF 200410		108	101	103	107	116	116	107	96	113	101	97	103	110	91	101	103	109	106	99	108	94	111	105	118	108	109	86	95	102	104	90
99049843		ZAM 180272		67	69	49	46	32	51	62	34	48	34	19	0.64	-2.9	9	15.5	4.7	95	30.4	76	55	-26	0.9	16.0	-19.3	-2.0	37.1	-14	9	0.93	0.61	-0.87
														46	73	55	46	69	49	55	54	48	20	18	46	54	32	20	45	52	48	33	36	33

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250116 99049850	1	CEF 200410 ZAM 190129			94 67	97 69	101 50	101 47	102 35	94 52	93 62	92 36	92 49	93 39	96 18	95 1.47	93 -0.6	97 18	97 13.4	101 3.9	99 72	104 28.8	95 61	98 32	90 -20	114 1.1	100 13.0	103 -10.7	103 -1.1	100 31.8	96 -6	96 10	92 -0.10	99 -0.11	92 -0.77
ZAM 250120 99049892	1	CEF 200410 ZAM 170145			89 67	116 70	125 50	90 46	107 33	124 52	125 63	111 36	123 49	117 34	113 40	88 2.25	99 -1.5	108 34	116 23.5	125 11.3	130 147	122 44.3	116 141	103 44	108 -50	117 1.3	114 21.3	111 -15.3	104 -1.3	102 33.2	112 6	118 29	113 1.97	109 1.50	100 -0.02
ZAM 250123 99695991	1	CEF 200410 ZAM 180109			90 67	114 69	116 49	91 46	125 33	127 51	118 62	94 34	122 48	104 34	108 35	88 2.25	101 -1.7	108 34	114 22.5	116 8.6	121 125	113 36.8	99 77	85 1	97 -32	114 1.1	106 16.1	127 -24.4	123 -4.6	97 30.3	110 5	114 26	109 1.55	98 -0.24	87 -1.18
ZAM 250124 99696007	1	ZAM 210026 ZAM 220050			99 64	121 66	108 44	92 41	110 33	128 49	127 58	107 30	125 45	115 32	104 29	97 1.32	107 -2.5	107 33	121 26.1	108 6.1	121 125	120 42.4	106 102	105 47	95 -29	116 1.2	121 25.2	110 -14.6	101 -0.8	109 37.0	105 1	114 26	109 1.62	96 -0.55	104 0.30
ZAM 250127 99696031		CEF 200410 ZAM 180248			118 67	83 69	99 49	110 46	118 32	102 51	86 62	96 34	100 48	96 34	90 9	115 -0.61	111 -3.0	89 5	83 5.9	99 3.5	89 46	96 21.3	98 71	115 72	95 -28	111 0.9	105 15.5	123 -22.5	110 -2.3	103 33.7	100 -3	97 11	93 -0.01	104 0.67	102 0.10
ZAM 250134 99696080	1	ZAM 210026 ZAM 220034			103 64	114 66	107 44	98 41	99 33	118 49	121 58	102 30	116 45	109 32	97 19	100 0.95	107 -2.5	100 22	114 22.2	107 5.8	119 118	111 35.0	103 89	99 34	95 -28	117 1.2	113 20.7	100 -8.8	98 -0.3	101 32.4	98 -4	107 20	104 1.10	99 -0.17	100 -0.08
ZAM 250137 99696098	1	CEF 200410 ZAM 200019			99 67	102 69	102 47	98 45	119 34	111 51	101 62	96 35	108 48	96 36	105 31	96 1.42	106 -2.3	101 23	102 16.0	102 4.3	103 81	110 34.2	99 76	141 136	104 -43	108 0.8	113 20.5	124 -22.8	115 -3.3	97 29.9	96 -6	101 15	109 1.58	106 0.94	88 -1.05
ZAM 250140 99696114	1	LFR 190008 ZAM 170076			99 69	101 70	91 53	104 48	116 37	104 53	97 64	96 36	102 50	100 34	98 20	95 1.55	107 -2.5	95 14	101 15.3	91 1.0	96 63	106 30.5	99 76	110 61	91 -21	103 0.5	93 8.8	119 -19.9	110 -2.3	106 35.4	88 -13	99 13	95 0.20	105 0.92	85 -1.35
ZAM 250144 99696155	1	ZAM 210026 ZAM 220027			105 64	97 66	107 45	124 41	106 33	114 49	109 59	98 30	111 45	104 32	78 -6	106 0.40	89 -0.1	80 -8	97 13.6	107 6.0	117 115	102 26.5	97 67	104 45	91 -21	114 1.1	116 22.6	109 -14.2	99 -0.4	105 35.2	89 -12	94 8	98 0.49	106 0.99	104 0.24
ZAM 250146 99696171	1	CEF 200410 ZAM 190003			98 67	103 69	102 49	93 46	102 33	101 51	100 62	101 34	100 48	101 34	108 34	97 1.28	102 -1.9	106 31	103 16.7	102 4.3	101 77	107 30.9	104 94	103 43	101 -39	111 0.9	102 14.0	112 -15.9	97 0.1	99 31.4	108 3	108 20	100 0.66	101 0.21	93 -0.68
ZAM 250147 99696189	1	LFR 190008 ZAM 190095			103 67	110 70	100 51	89 47	112 35	115 52	110 63	103 35	113 49	108 32	104 29	100 1.02	114 -3.4	111 39	110 20.5	100 3.7	103 81	112 35.9	105 100	105 48	92 -23	107 0.7	101 13.1	119 -19.8	104 -1.3	100 31.8	97 -6	107 20	104 1.12	100 0.02	85 -1.34
ZAM 250148 99696197	1	CEF 200410 ZAM 160171			119 68	89 70	93 51	106 47	126 35	109 53	90 63	89 36	105 50	92 36	92 12	114 -0.54	123 -4.6	93 11	89 9.2	93 1.7	88 43	97 22.4	93 53	105 49	95 -28	113 1.0	91 7.4	132 -27.4	119 -3.8	102 33.0	88 -12	94 8	93 -0.06	106 1.07	89 -0.98

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250149 99696205	1	LFR 190008 ZAM 160143			112 69	91 70	102 53	115 48	116 35	110 53	98 64	98 35	108 49	100 32	82 0 48	111 -0.22 74	102 -1.8 57	85 1 48	91 10.4 70	102 4.2 53	102 77 57	100 24.7 58	98 72 51	111 62 48	92 -23 17	105 0.6 49	111 19.3 56	123 -22.3 39	105 -1.4 19	105 35.1 47	85 -15 55	91 5 52	95 0.13 31	100 0.12 33	88 -1.04 31
ZAM 250152 99317687	1	ZAM 210026 ZAM 220091			121 64	89 66	103 43	122 45	87 31	100 49	100 59	88 28	96 45	93 25	77 -8 44	120 -1.08 70	106 -2.4 51	82 -5 45	89 8.9 66	103 4.5 43	102 78 51	90 15.8 48	88 33 40	99 33 25	83 -8 14	115 1.2 33	99 12.2 46	95 -6.0 32	84 2.3 18	102 32.9 42	84 -16 44	86 2 40	91 -0.24 24	107 1.24 26	106 0.47 24
ZAM 250157 99317729	1	CEF 200410 ZAM 160122			106 67	95 68	91 50	103 46	129 32	108 51	90 62	95 34	105 48	96 34	94 15 47	103 0.62 72	106 -2.4 55	95 15 46	95 12.1 68	91 1.0 50	90 48 55	100 25.2 51	98 73 47	105 47 20	98 -33 19	116 1.2 45	97 11.1 53	132 -27.1 30	124 -4.7 20	100 31.6 47	94 -8 52	98 12 48	99 0.53 33	110 1.62 36	91 -0.83 33
ZAM 250158 99317737	1	LFR 190008 ZAM 220056			109 67	94 69	93 49	124 46	104 35	103 52	100 62	87 35	99 49	92 36	75 -10 46	104 0.54 73	108 -2.6 55	81 -6 46	94 11.7 69	93 1.5 49	98 70 55	98 23.3 59	88 35 52	103 42 46	80 -3 17	99 0.2 53	97 10.9 55	109 -14.3 40	97 -0.1 19	106 35.4 46	83 -17 54	90 4 52	91 -0.17 35	94 -0.91 38	81 -1.70 35
ZAM 250159 99317745	1	ZAM 210026 ZAM 220062			82 64	111 66	111 43	107 46	90 32	104 49	115 59	102 30	103 45	104 30	90 11 44	82 2.87 70	85 0.5 52	91 8 46	111 20.6 66	111 7.1 43	126 136 52	108 32.6 48	101 83 41	102 -23 15	92 0.9 38	110 0.9 38	101 13.2 46	97 -7.3 34	84 2.3 18	103 33.9 43	94 -8 45	99 12 42	98 0.46 29	105 0.82 31	99 -0.13 29
ZAM 250160 99317752	8	ZAM 210026 ZAM 220083			109 64	97 66	107 44	128 46	88 32	107 49	112 59	98 30	105 45	101 32	78 -6 44	108 0.11 70	93 -0.7 52	77 -12 46	97 13.4 66	107 5.9 44	119 120 52	99 24.2 48	96 64 41	109 57 26	89 -18 15	110 0.9 40	100 12.6 46	92 -4.6 35	83 2.4 19	106 35.5 43	85 -15 45	90 5 42	94 0.07 31	110 1.60 33	103 0.18 31
ZAM 250165 99482739		CEF 200410 ZAM 170048			114 67	91 69	94 51	112 47	109 33	102 52	94 63	96 35	100 49	97 34	86 4 47	111 -0.18 73	108 -2.6 55	87 3 47	91 10.4 69	94 2.0 51	94 58 56	97 22.0 54	100 78 46	103 43 22	103 -42 21	103 0.5 45	96 10.7 51	110 -14.5 33	108 -1.9 20	100 31.8 46	101 -2 50	101 14 47	101 0.83 33	102 0.41 36	97 -0.30 33
ZAM 250167 99482754	1	ZAM 210026 ZAM 220095			109 64	94 66	105 43	110 45	86 30	95 48	99 59	89 28	92 44	96 25	84 1 44	110 -0.09 70	98 -1.3 51	89 5 45	94 11.7 66	105 5.2 43	105 85 51	94 19.4 46	89 36 39	96 27 25	83 -9 14	117 1.2 33	100 12.9 45	91 -3.7 31	85 2.1 18	100 32.1 42	87 -13 44	90 4 40	92 -0.16 24	107 1.15 26	107 0.50 24
ZAM 250168 99482762	2	ZAM 210026 ZAM 220107			111 64	100 66	107 44	112 46	95 31	109 49	110 59	83 28	103 45	94 29	82 -1 45	111 -0.14 70	100 -1.5 52	87 3 46	100 14.9 66	107 5.9 44	114 108 52	95 20.6 48	82 11 41	96 25 19	78 0 12	116 1.2 38	99 12.4 46	91 -4.1 31	98 -0.3 18	102 33.1 43	87 -14 45	91 6 41	98 0.51 28	105 0.82 30	96 -0.39 28
ZAM 250171 99482796	1	ZAM 210026 ZAM 220135			115 64	91 64	110 43	126 45	93 30	107 48	106 58	90 28	103 44	96 26	76 -8 44	116 -0.72 70	95 -1.0 51	78 -10 45	91 10.1 64	110 6.9 43	114 108 51	92 18.1 42	89 36 39	97 29 26	83 -8 14	116 1.2 34	101 13.4 46	95 -6.0 29	93 0.7 18	103 33.4 42	88 -13 44	89 4 40	92 -0.08 25	105 0.83 26	107 0.52 25
ZAM 250176 99482838	2	LFR 190008 ZAM 170110			104 68	109 70	97 52	103 48	98 35	109 53	112 64	94 35	106 49	99 33	95 17 48	99 1.04 73	114 -3.5 57	96 15 48	109 19.6 70	97 2.9 52	108 94 57	109 32.8 60	97 66 50	106 50 47	94 -26 18	104 0.5 50	106 16.7 54	102 -10.2 39	93 0.7 20	103 33.9 47	94 -8 53	102 15 51	95 0.22 32	94 -0.94 34	85 -1.29 32
ZAM 250177 99482846	1	ZAM 190208 ZAM 180111			103 67	96 69	104 49	100 48	88 34	92 52	96 62	84 28	88 47	89 24	91 11 47	102 0.75 73	104 -2.1 56	98 20 48	96 12.6 69	104 5.0 49	100 74 55	98 23.0 56	85 21 40	112 66 46	74 6 14	104 0.5 33	100 12.6 52	93 -4.8 34	89 1.3 21	104 34.3 48	77 -21 49	86 1 45	86 -0.75 23	95 -0.67 24	102 0.15 23

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 250178 99482853	1	LFR 190008 ZAM 180042		96 68	110 70	98 52	91 48	97 36	102 53	107 64	97 36	100 50	100 32	106 31 48	91 1.89 73	114 -3.4 57	109 36 48	110 20.5 70	98 3.0 52	103 79 57	111 34.6 60	100 79 53	108 54 47	94 -27 17	106 0.6 52	107 16.7 57	102 -10.2 40	95 0.4 21	102 32.8 48	103 -1 56	105 18 54	101 0.75 31	86 -2.17 34	82 -1.62 31
ZAM 250184 99482895	1	ZAM 190208 ZAM 180132		107 67	106 69	94 48	100 47	82 34	97 51	107 62	99 28	96 46	102 21	95 17 47	102 0.75 73	113 -3.3 55	99 20 47	106 18.3 69	94 2.0 48	102 77 55	108 32.0 56	98 71 42	117 76 41	89 -19 12	99 0.3 31	111 19.6 52	94 -5.8 34	75 3.8 20	105 35.0 48	89 -12 50	97 11 46	101 0.78 20	96 -0.64 22	103 0.19 20
ZAM 250185 99631145		ZAM 190208 ZAM 170094		86 67	109 69	108 49	95 47	96 34	102 52	108 62	93 27	99 47	97 22	102 26 46	85 2.51 73	95 -0.9 55	103 27 47	109 19.8 69	108 6.3 49	114 106 55	107 31.1 56	92 48 38	99 34 40	85 -11 13	90 -0.3 30	100 13.0 49	95 -6.0 33	97 -0.1 20	102 33.1 48	94 -8 47	96 10 43	91 -0.22 21	90 -1.50 22	104 0.30 21
ZAM 250186 99631152	2	ZAM 190208 ZAM 130074		99 69	104 71	98 53	95 49	81 37	89 54	101 65	85 30	86 49	90 20	95 17 48	93 1.69 74	111 -3.1 58	103 27 49	104 16.9 71	98 3.0 53	100 72 58	101 25.8 57	85 24 45	98 31 42	81 -6 12	106 0.7 33	95 9.7 56	96 -6.7 37	75 3.8 22	103 33.5 51	88 -12 54	91 6 50	92 -0.15 20	90 -1.55 21	99 -0.16 20
ZAM 250188 99631178	1	ZAM 190208 ZAM 180284		80 67	104 69	94 49	94 47	91 34	83 52	92 62	95 28	83 47	92 22	100 24 46	78 3.26 73	94 -0.8 55	105 29 47	104 17.2 69	94 1.9 49	96 64 55	104 28.4 56	98 70 41	114 70 40	94 -27 13	100 0.3 30	97 10.7 53	96 -6.9 33	90 1.3 20	102 33.2 48	105 1 50	102 15 46	89 -0.40 21	90 -1.58 22	99 -0.18 21
ZAM 250189 99631186	1	ZAM 190208 ZAM 200152		76 66	122 68	106 45	88 46	92 33	104 50	116 61	103 30	103 46	109 25	107 33 44	65 4.60 72	80 1.1 54	112 40 46	122 26.5 68	106 5.4 45	117 114 53	121 43.9 55	102 86 40	103 42 41	90 -21 18	94 0.0 33	104 15.3 51	95 -6.0 34	90 1.1 19	105 34.7 47	95 -7 48	100 14 45	111 1.79 24	96 -0.57 26	113 1.06 24
ZAM 250191 99631202	2	ZAM 210026 ZAM 220082		107 64	96 66	101 44	127 46	86 32	100 49	106 59	85 28	95 45	90 29	75 -10 45	106 0.38 70	94 -0.8 52	78 -11 46	96 12.6 66	101 3.9 44	110 98 52	95 20.5 47	85 21 41	112 64 19	83 -9 13	113 1.0 39	95 9.5 46	85 -0.5 33	90 1.2 18	102 32.9 44	83 -17 45	87 2 42	97 0.43 28	100 -0.01 30	95 -0.45 29
ZAM 250195 99631236	7	ZAM 190208 ZAM 140223		115 68	87 69	112 51	112 48	93 34	99 52	97 63	91 30	96 48	92 22	80 -3 47	114 -0.53 73	105 -2.3 56	87 3 48	87 7.9 69	112 7.5 51	106 88 56	94 19.2 54	89 39 41	114 69 42	84 -10 15	81 -0.7 34	95 10.0 53	105 -12.0 33	85 2.1 20	105 34.6 49	88 -13 51	88 3 46	89 -0.45 22	92 -1.27 23	105 0.38 22
ZAM 250196 99631244	1	CEF 200410 ZAM 190180		115 66	95 68	98 47	103 45	117 32	110 50	97 61	93 34	107 47	97 34	94 15 45	111 -0.16 72	114 -3.5 53	96 15 45	95 12.1 68	98 3.2 47	96 63 53	100 24.8 53	97 68 53	98 31 20	99 -35 18	113 1.0 45	97 11.0 52	116 -18.0 32	115 -3.3 20	104 34.4 45	95 -7 51	98 12 47	107 1.39 32	107 1.24 36	97 -0.31 32
ZAM 250198 99631251	2	ZAM 190208 ZAM 160199		108 68	94 68	98 50	108 47	91 33	93 51	95 62	91 30	91 47	97 23	82 -1 47	103 0.68 73	114 -3.4 56	91 9 47	94 11.7 68	98 3.0 50	97 66 55	97 22.1 52	91 47 42	97 28 40	78 0 14	94 0.0 32	97 11.1 53	96 -7.0 32	91 1.0 19	103 33.4 49	82 -18 51	91 6 47	93 -0.01 22	102 0.32 24	102 0.14 22
ZAM 250199 99631269	1	ZAM 190208 ZAM 170010		92 68	104 70	104 51	97 48	80 35	89 53	102 63	96 31	88 49	99 24	93 14 47	89 2.13 73	101 -1.7 56	101 24 48	104 17.0 70	104 4.9 51	106 88 56	104 28.8 55	97 69 43	105 49 45	89 -18 16	90 -0.2 35	110 18.6 55	83 0.4 32	82 2.6 22	103 33.4 50	85 -15 53	93 8 49	92 -0.08 23	94 -0.81 24	107 0.50 23
ZAM 250200 99631277	1	CEF 200410 ZAM 170038		102 67	103 70	88 50	98 47	124 35	109 52	97 63	95 36	106 49	101 37	101 25 47	98 1.14 73	110 -2.9 55	101 24 47	103 16.4 70	88 0.0 50	92 53 56	106 30.7 54	98 73 47	105 47 21	100 -36 22	107 0.7 49	102 14.1 53	130 -26.0 34	117 -3.6 22	97 30.0 48	106 1 52	107 20 48	105 1.18 35	106 0.94 39	97 -0.35 36

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 250205 99631285	1	CEF 200410 ZAM 150277			92 68	106 70	100 52	94 47	108 35	104 53	101 63	101 36	103 50	104 34	106 32	93 1.71	97 -1.2	105 29	106 18.1	100 3.8	103 81	112 35.3	105 98	104 46	107 -47	112 1.0	94 9.1	113 -16.5	104 -1.3	99 31.5	112 6	108 21	104 1.10	103 0.55	90 -0.87
ZAM 250207 99631293	1	ZAM 190208 ZAM 200072			107 67	98 69	91 49	99 47	89 35	89 52	94 62	89 29	87 47	92 23	94 15	104 0.54	110 -3.0	100 21	98 13.8	91 1.0	91 51	103 27.5	89 37	115 72	80 -4	95 0.0	110 18.7	92 -4.6	89 1.4	104 34.2	77 -21	85 0	92 -0.07	97 -0.46	102 0.14
ZAM 250208 99633851	4	LFR 190008 ZAM 220023			108 67	91 69	91 49	113 47	98 34	91 52	89 62	99 36	91 49	97 37	85 3	104 0.51	116 -3.8	87 3	91 9.9	91 0.9	89 48	98 23.2	98 70	106 50	86 -13	96 0.1	85 3.8	109 -14.5	88 1.6	104 34.4	83 -17	90 5	89 -0.39	92 -1.28	80 -1.73
ZAM 250209 99631301	1	ZAM 190208 ZAM 180028			99 67	103 69	93 50	98 47	88 34	91 52	98 62	98 29	91 47	97 22	96 18	96 1.42	107 -2.5	101 23	103 16.6	93 1.6	96 64	104 28.6	99 75	108 55	89 -18	96 0.1	110 18.7	95 -6.0	89 1.5	100 32.1	88 -13	92 6	89 -0.45	91 -1.33	107 0.53
ZAM 250210 99631319	1	CEF 200410 ZAM 160028			82 67	115 70	109 50	91 47	126 34	122 52	114 63	102 36	119 49	104 36	109 36	80 3.10	98 -1.2	108 33	115 23.2	109 6.4	117 114	114 37.6	108 109	93 19	115 -61	103 0.5	108 17.7	126 -23.7	122 -4.5	102 33.2	117 11	116 28	110 1.66	103 0.60	94 -0.54
ZAM 250213 99697153	1	ZAM 190208 ZAM 160042			103 69	98 70	104 53	93 49	81 37	87 54	96 64	93 31	86 49	95 23	96 18	99 1.07	112 -3.1	106 32	98 13.8	104 4.8	98 67	102 26.3	94 55	111 62	91 -22	97 0.1	106 16.2	80 2.1	85 2.1	104 34.4	89 -12	95 9	97 0.43	94 -0.84	109 0.68
ZAM 250217 99697187	1	ZAM 190208 ZAM 200204			91 67	105 68	108 48	93 47	96 34	99 51	104 62	99 28	98 46	103 22	97 20	88 2.22	102 -1.9	105 30	105 17.6	108 6.1	108 93	107 31.6	98 70	114 69	86 -14	95 0.1	110 18.7	99 -8.6	94 0.6	104 34.3	97 -6	100 13	94 0.09	97 -0.45	109 0.74
ZAM 250220 6020087265	8	ZAM 190208 ZAM 150013			80 69	105 69	93 52	88 48	96 34	83 52	89 63	99 29	84 47	96 20	97 19	82 2.89	93 -0.7	113 41	105 17.5	93 1.5	92 54	107 31.6	98 71	106 51	87 -15	85 -0.5	99 12.3	99 -8.3	93 0.6	108 36.4	90 -11	96 10	94 0.13	91 -1.41	108 0.59
ZAM 250221 6020087273	1	ZAM 190208 ZAM 170239			81 67	114 69	107 50	90 47	90 33	99 52	111 62	96 28	97 47	100 20	102 27	79 3.20	97 -1.2	109 35	114 22.6	107 5.9	114 107	111 35.1	96 62	100 35	85 -11	98 0.2	120 25.0	93 -5.3	88 1.6	105 34.8	89 -12	97 11	105 1.17	86 -2.14	98 -0.21
ZAM 250223 6020087281	1	ZAM 190208 ZAM 130199			83 69	106 60	103 52	91 49	82 37	85 50	99 59	86 32	83 46	91 27	101 25	77 3.38	101 -1.7	109 35	106 18.3	103 4.6	103 82	107 31.2	87 30	108 54	77 1	92 -0.1	94 9.2	87 -1.9	84 2.3	101 32.4	78 -20	87 2	88 -0.55	87 -2.04	101 0.07
ZAM 250224 6020087299	1	CEF 200410 ZAM 190070			93 67	108 59	95 48	97 47	107 34	103 48	103 57	98 35	102 45	97 35	101 25	88 2.27	107 -2.5	101 24	108 19.0	95 2.3	102 79	111 34.5	102 88	109 58	103 -42	111 1.0	95 10.0	111 -15.6	104 -1.3	101 32.3	99 -4	102 16	107 1.35	94 -0.95	88 -1.11
ZAM 250226 6020087307	1	ZAM 190208 ZAM 170160			80 68	109 59	97 49	97 48	101 36	96 49	101 57	97 31	95 45	102 24	94 15	76 3.52	90 -0.2	101 24	109 19.7	97 2.9	105 86	109 33.0	96 63	108 56	85 -12	100 0.3	110 18.6	106 -12.5	97 -0.1	105 34.9	77 -21	91 6	98 0.45	102 0.36	106 0.46

Breeding Values and Accuracies: Cows & Heifers

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	%	Parentage	EBV Acc																															
ZAM 260007	3	ZAM 190081	0.3	99	101	92	111	102	99	99	92	97	99	85	99	92	89	101	92	100	97	92	81	93	120	119	107	101	97	82	80	106	126	105
6020576168		ZAM 190191		66	56	45	46	32	46	54	28	42	12	3	1.03	-0.5	5	15.4	1.3	74	22.0	49	-9	-25	1.4	24.2	-13.2	-0.7	29.9	-17	-5	1.29	4.14	0.36
														46	72	54	46	56	45	49	56	43	45	10	28	52	32	18	45	49	45	11	12	11
ZAM 260008	2	ZAM 190081	0.2	132	80	96	121	105	102	89	93	99	97	72	130	116	82	80	96	86	82	93	93	92	118	117	107	101	103	73	74	96	128	109
6020576176		ZAM 210027		66	56	44	46	33	46	54	30	43	25	-14	-2.20	-3.7	-4	4.4	2.5	40	9.2	54	19	-23	1.3	23.0	-13.1	-0.8	33.4	-24	-9	0.25	4.47	0.72
														45	72	54	46	56	44	49	56	43	46	13	31	51	34	19	45	49	46	24	26	24
ZAM 260009	1	ZAM 190081	0.1	109	95	89	109	92	91	93	91	90	98	85	107	106	90	95	89	91	95	91	93	93	112	103	99	95	94	82	82	104	117	100
6020576184		ZAM 180015		66	53	42	45	29	44	52	28	41	14	3	0.23	-2.3	8	12.3	0.5	52	20.3	46	18	-26	1.0	14.5	-8.3	0.4	28.1	-18	-2	1.10	2.78	-0.02
														45	72	53	45	53	42	47	52	41	43	11	27	51	27	16	45	48	44	13	14	13
ZAM 260010	2	ZAM 190081	0.2	127	89	103	112	99	105	98	92	102	101	83	126	112	87	89	103	98	88	93	90	91	118	109	102	96	103	77	79	101	130	108
6020581333		ZAM 210028		66	56	44	41	32	46	53	29	43	24	0	-1.72	-3.2	3	8.8	4.5	69	14.4	51	11	-22	1.3	18.2	-10.0	0.2	33.9	-21	-5	0.79	4.73	0.61
														45	72	52	41	56	44	47	56	43	45	12	30	52	33	19	44	49	46	23	24	23
ZAM 260012	1	ZAM 190081	0.1	122	94	91	108	103	104	97	95	101	105	84	118	116	91	94	91	91	93	96	88	93	115	105	106	101	103	77	87	110	132	109
6020576200		ZAM 210134		65	55	42	44	30	45	53	28	42	12	1	-0.92	-3.8	8	11.7	1.0	52	19.2	64	6	-24	1.2	15.9	-12.3	-0.7	33.7	-22	2	1.68	5.15	0.68
														43	72	52	44	55	42	47	56	42	44	11	21	51	30	16	43	48	44	11	12	11
ZAM 260013	1	CEF 190341	0.1	119	96	105	122	121	126	111	87	119	85	81	115	111	82	96	105	112	94	90	94	89	99	94	131	109	106	91	90	88	72	88
6020833825		ZAM 190131		68	60	52	55	38	51	59	48	50	44	-2	-0.58	-3.1	-5	12.8	5.2	102	19.4	40	21	-18	0.3	8.9	-27.0	-2.2	35.7	-10	5	-0.55	-4.43	-1.03
														54	73	60	55	60	52	56	60	49	42	43	51	55	44	22	48	54	51	43	45	43
ZAM 260014	5	ZAM 190081	0.5	108	100	100	96	104	104	99	100	102	105	96	108	105	102	100	100	98	98	102	83	101	107	111	105	106	99	95	94	111	122	108
6020576218		ZAM 210122		66	56	43	45	30	46	54	26	42	8	18	0.11	-2.3	26	14.7	3.7	69	22.9	85	-6	-38	0.7	19.2	-12.2	-1.7	31.4	-7	9	1.82	3.57	0.58
														44	72	53	45	56	43	48	56	42	44	7	24	52	30	16	43	49	45	7	8	7
ZAM 260016	2	ZAM 190081	0.2	120	86	98	120	97	98	92	91	95	96	77	120	104	84	86	98	93	86	92	88	93	117	114	105	92	100	76	77	99	127	107
6020576234		ZAM 210006		66	55	43	46	32	46	53	28	42	24	-8	-1.07	-2.1	-2	7.5	3.0	57	12.7	50	7	-24	1.3	21.4	-12.1	0.8	31.9	-22	-7	0.55	4.25	0.51
														45	72	53	46	55	43	48	56	42	45	11	30	51	33	18	44	48	45	23	24	23
ZAM 260017	1	ZAM 190081	0.1	110	88	91	108	105	92	84	90	90	98	84	112	99	91	88	91	85	90	90	93	88	115	103	111	103	98	86	83	101	124	111
6020576242		ZAM 170249		66	57	48	47	31	47	55	30	44	18	2	-0.25	-1.4	8	8.6	0.8	37	16.3	40	19	-18	1.1	14.7	-15.5	-1.0	30.4	-14	-2	0.82	3.81	0.88
														47	72	55	47	57	48	51	56	42	44	15	27	51	30	18	46	49	45	17	19	17
ZAM 260018	1	CEF 190341	0.1	103	107	98	102	125	122	109	94	117	95	98	102	103	96	107	98	108	106	94	103	95	97	102	147	105	102	99	96	95	84	96
6020576259		ZAM 190220		68	60	53	55	39	51	59	48	50	44	20	0.80	-2.0	16	18.9	3.1	92	30.5	56	44	-28	0.2	14.0	-35.7	-1.4	33.2	-4	10	0.18	-2.40	-0.39
														54	73	60	55	60	53	56	60	51	38	43	51	55	45	23	49	53	50	43	45	43
ZAM 260019	4	ZAM 190081	0.4	89	103	94	105	113	102	97	101	101	104	88	92	84	94	103	94	101	102	100	98	98	114	103	119	106	102	88	87	115	124	114
6020576267		ZAM 210070		66	56	44	45	30	46	54	30	43	16	8	1.83	0.6	13	16.7	1.8	76	26.8	80	31	-34	1.1	14.7	-19.9	-1.7	32.8	-13	2	2.15	3.81	1.13
														45	72	53	45	56	44	48	56	43	44	15	27	52	31	16	44	49	45	15	17	15
ZAM 260022	1	CEF 190341	0.1	104	105	105	108	119	121	111	92	116	94	91	103	98	90	105	105	115	104	93	106	102	107	101	136	99	109	110	102	94	77	93
6020576291		ZAM 220077		68	59	48	48	37	49	57	48	49	44	11	0.63	-1.3	7	17.4	5.1	108	28.5	52	50	-40	0.7	13.7	-29.8	-0.4	37.5	5	16	0.08	-3.53	-0.61
														52	73	57	48	59	48	52	59	49	36	43	50	54	41	22	47	53	50	43	45	43

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260025 6020576325	1	CEF 190341 ZAM 230010			92 68	113 57	113 49	104 50	109 37	122 49	120 56	99 47	118 49	99 45	97 19	96 1.39	82 0.9	93 12	113 21.9	113 7.7	128 141	115 38.0	98 72	112 65	97 -32	103 0.5	98 11.6	130 -26.1	90 1.2	108 36.5	102 -2	102 15	94 0.11	76 -3.79	100 -0.03
ZAM 260026 6020576333	1	CEF 190341 ZAM 170101			108 70	99 61	117 54	117 55	115 40	125 52	115 60	84 48	117 51	85 46	88 7	106 0.38	103 -2.0	84 -1	99 14.2	117 9.0	125 133	97 22.3	85 24	99 34	86 -13	105 0.6	87 5.1	125 -23.2	107 -1.9	101 32.6	93 -8	93 7	81 -1.19	81 -2.99	90 -0.87
ZAM 260027 6020576341	1	CEF 190341 ZAM 200113			109 69	104 61	102 54	111 56	114 40	121 52	113 60	96 49	117 51	95 49	87 6	107 0.29	103 -2.0	88 4	104 17.3	102 4.4	113 106	104 28.5	96 65	113 66	96 -31	106 0.7	100 12.8	128 -25.3	99 -0.4	107 35.8	92 -9	92 7	90 -0.35	91 -1.34	104 0.26
ZAM 260032 6020576382		CEF 190341 ZAM 150035			97 70	107 61	114 57	99 55	114 39	120 52	114 61	95 49	115 51	99 43	96 18	96 1.35	98 -1.3	99 20	107 18.9	114 8.1	120 121	104 28.5	98 70	94 22	99 -34	97 0.2	98 11.8	128 -25.0	101 -0.7	103 33.7	109 4	107 20	93 -0.04	78 -3.36	99 -0.17
ZAM 260033 6020576390	1	CEF 190341 ZAM 160123			107 70	102 61	96 56	103 55	102 39	104 52	103 61	89 47	100 51	87 44	94 16	103 0.69	111 -3.1	96 16	102 15.9	96 2.4	100 74	98 23.2	91 47	97 28	95 -28	92 -0.1	96 10.6	112 -15.9	96 0.2	102 33.0	102 -2	96 10	84 -0.93	77 -3.52	93 -0.64
ZAM 260037 6020576424	1	CEF 190341 ZAM 230026			112 67	104 56	106 47	111 49	118 37	126 48	115 55	91 46	120 48	93 44	87 5	111 -0.15	103 -2.0	88 4	104 17.0	106 5.5	117 113	102 27.1	93 53	108 55	98 -33	99 0.3	101 13.5	139 -31.5	104 -1.2	97 30.2	103 -1	97 11	97 0.36	73 -4.17	101 0.06
ZAM 260038 6020576432	2	ZAM 190081 ZAM 210115			99 66	99 56	108 45	101 46	97 33	99 46	100 54	105 30	100 43	107 21	92 13	100 0.98	96 -1.0	97 18	99 14.4	108 6.0	107 90	100 24.8	103 91	89 10	95 -28	116 1.2	112 20.2	103 -10.9	93 0.7	103 33.4	85 -15	86 1	100 0.70	114 2.23	111 0.85
ZAM 260041 6020576465	3	ZAM 190081 ZAM 210041			101 66	98 56	94 43	106 45	105 30	98 46	94 54	96 30	97 43	99 17	86 5	104 0.58	91 -0.4	92 10	98 13.7	94 1.9	97 65	98 23.6	96 62	94 20	98 -33	113 1.0	101 13.7	112 -16.0	100 -0.5	100 32.1	91 -10	85 0	112 1.84	120 3.24	110 0.82
ZAM 260042 6020576473	1	CEF 190341 ZAM 180201			110 69	100 61	95 54	123 56	112 40	116 52	108 60	92 48	111 51	87 45	82 -1	111 -0.17	93 -0.7	81 56	100 15.0	95 2.1	107 89	102 27.1	93 52	105 47	96 -30	99 0.2	100 12.5	134 -28.4	95 0.3	101 32.4	100 -3	92 7	89 -0.46	76 -3.68	96 -0.42
ZAM 260044 6020576499	1	CEF 190341 ZAM 200063			94 68	110 60	110 53	109 55	104 39	117 51	118 59	95 48	113 50	96 44	92 13	94 1.58	90 -0.3	89 6	110 20.2	110 6.9	126 136	110 34.0	95 62	106 50	97 -32	93 -0.1	102 14.3	123 -22.2	92 0.9	101 32.7	99 -4	97 11	92 -0.14	83 -2.56	102 0.08
ZAM 260048 6020576515	14	ZAM 190081 ZAM 210146			109 66	96 56	95 43	106 45	115 28	107 45	96 54	92 26	104 41	101 7	84 3	108 0.18	103 -2.0	92 10	96 13.0	95 2.3	97 65	95 21.0	95 60	96 26	93 -26	119 1.4	107 17.0	122 -21.6	108 -2.0	102 32.9	85 -15	84 0	103 1.01	131 4.92	113 1.03
ZAM 260053 6020695521	2	ZAM 190081 ZAM 210029			101 66	100 56	90 43	120 45	104 30	103 46	101 54	94 30	100 43	99 17	78 -6	101 0.82	90 -0.3	84 -2	100 14.9	90 0.7	100 75	98 23.2	93 55	89 9	94 -26	113 1.0	101 13.4	109 -14.3	100 -0.5	103 33.9	88 -12	83 -2	109 1.55	125 3.94	111 0.88

Breeding Values and Accuracies: Cows & Heifers

														Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ZAM 260054 6020695539	1	CEF 190341 ZAM 230018		110 67	106 56	99 47	111 49	118 36	124 48	114 55	96 46	119 48	99 44	86 4	108 0.16	104 -2.1	88 5	106 18.3	99 3.3	112 102	103 28.1	95 62	99 33	102 -39	94 0.0	98 11.4	128 -25.3	107 -1.9	104 34.4	111 5	103 16	96 0.30	88 -1.82	109 0.67
ZAM 260055 6020695547	4	ZAM 190081 ZAM 200138		112 66	94 57	106 46	108 47	102 32	105 47	100 55	95 28	102 43	100 22	83 1	110 -0.06	106 -2.4	91 8	94 11.6	106 5.5	105 84	91 17.2	96 65	90 13	95 -28	126 1.8	113 20.5	108 -13.5	98 -0.1	100 31.7	80 -19	82 -2	103 0.97	125 4.04	106 0.43
ZAM 260056 6020695554	2	ZAM 190081 ZAM 200041		101 66	102 56	102 45	100 46	104 31	104 46	102 54	95 27	102 42	105 10	92 13	100 0.95	100 -1.5	98 19	102 16.0	102 4.2	104 84	101 25.5	95 62	94 22	95 -28	119 1.4	117 22.9	108 -13.7	101 -0.7	102 33.2	86 -14	86 1	109 1.54	127 4.27	106 0.43
ZAM 260058 6020695562	1	LFR 190008 ZAM 150008		116 69	97 61	111 54	99 48	107 35	113 50	105 59	111 38	113 48	111 34	92 13	115 -0.57	110 -2.9	98 19	97 13.2	111 7.2	108 92	104 29.0	111 121	107 53	100 -36	95 0.0	105 15.7	113 -16.3	100 -0.6	104 34.0	94 -8	103 17	102 0.86	95 -0.73	92 -0.77
ZAM 260068 6020695620		LFR 190008 ZAM 150170		98 69	101 61	99 53	96 47	115 35	105 50	98 59	94 38	103 48	104 34	93 15	93 1.67	110 -2.9	102 26	101 15.5	99 3.5	99 71	104 28.4	98 73	104 47	94 -27	98 0.2	106 16.4	113 -16.5	114 -3.1	100 32.1	102 -2	107 20	99 0.62	94 -0.94	87 -1.13
ZAM 260069 6020695638	1	LFR 190008 ZAM 190134		111 68	105 60	95 49	95 46	111 34	112 49	106 57	99 36	110 46	103 32	98 21	108 0.17	123 -4.7	104 28	105 17.8	95 2.1	98 69	107 31.2	101 84	105 48	93 -24	104 0.5	108 17.8	112 -15.8	102 -0.9	112 39.1	89 -12	103 16	107 1.43	87 -2.07	79 -1.85
ZAM 260070 6020833833	1	CEF 200410 ZAM 200177		95 66	108 58	97 46	99 45	115 31	111 47	105 55	96 33	108 44	104 34	99 22	93 1.72	101 -1.7	99 21	108 19.0	97 2.9	105 86	111 34.5	101 82	93 19	99 -35	111 0.9	101 13.3	123 -22.1	106 -1.6	103 33.9	96 -6	105 18	110 1.64	105 0.81	90 -0.94
ZAM 260072 6020833858		LFR 190008 ZAM 170016		92 68	106 56	125 50	96 46	116 31	121 47	114 56	103 34	118 44	110 32	100 24	92 1.85	98 -1.3	102 24	106 17.9	125 11.3	125 134	113 36.9	103 92	117 77	101 -39	90 -0.2	99 12.0	122 -21.8	106 -1.6	104 34.5	111 6	111 24	102 0.92	100 0.09	92 -0.74
ZAM 260074 6020833874	1	LFR 190008 ZAM 180052		111 69	100 61	90 52	107 48	105 36	104 50	100 59	98 36	103 47	100 34	88 8	108 0.15	122 -4.6	92 10	100 14.9	90 0.8	96 64	104 28.7	99 75	120 84	93 -25	108 0.8	102 14.2	117 -18.6	94 0.6	103 33.7	88 -12	94 8	93 -0.03	93 -1.06	83 -1.48
ZAM 260075 6020833882	1	LFR 190008 ZAM 170198		107 69	101 61	98 53	103 48	108 37	107 51	102 59	96 38	105 48	106 36	95 16	103 0.70	117 -3.9	96 16	101 15.2	98 3.0	101 75	106 30.4	98 70	111 63	86 -13	93 -0.1	99 12.4	110 -14.8	103 -1.1	105 34.6	96 -6	104 17	99 0.55	95 -0.67	89 -0.97
ZAM 260076 6020833890	1	CEF 200410 ZAM 180163		97 67	105 59	96 48	106 46	115 33	112 48	105 56	93 34	108 45	101 34	95 17	95 1.51	99 -1.5	92 10	105 17.8	96 2.6	106 89	110 34.2	96 63	107 54	96 -31	113 1.1	108 17.3	126 -23.8	105 -1.4	104 34.3	97 -6	101 14	107 1.37	109 1.44	90 -0.90
ZAM 260078 6020833916	1	ZAM 190208 ZAM 190262		81 67	106 56	108 48	95 47	82 33	87 47	101 55	100 30	88 44	102 22	95 17	81 2.96	90 -0.3	104 27	106 18.0	108 6.1	110 97	108 32.4	99 75	105 49	84 -10	88 -0.3	106 16.4	85 -0.7	83 2.5	104 34.5	91 -11	95 9	93 0.00	94 -0.90	108 0.66

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	Sire ID	Dam ID																																
ZAM 260079 6020833924	1	CEF 200410 ZAM 160056		95 67	99 60	98 50	95 46	117 33	101 49	91 57	95 34	99 46	98 34	102 27	99 1.11	92 -0.6	104 27	99 14.2	98 3.1	95 61	104 28.9	98 73	93 19	102 -40	108 0.8	100 12.6	123 -22.0	109 -2.1	102 33.2	107 3	105 18	104 1.04	97 -0.45	86 -1.22
ZAM 260081 6020833940	1	ZAM 190208 ZAM 180183		102 67	100 59	95 48	97 47	77 35	83 48	95 57	91 30	82 44	93 23	95 16	99 1.13	108 -2.6	102 25	100 14.8	95 2.1	94 59	100 25.2	91 43	109 58	81 -5	105 0.6	102 13.7	83 0.8	80 3.0	102 33.2	80 -19	89 4	92 -0.12	85 -2.25	94 -0.54
ZAM 260084 6020833973	1	CEF 200410 ZAM 200173		119 67	93 59	95 47	104 46	115 33	108 48	95 56	97 34	106 45	99 35	95 17	116 -0.74	114 -3.5	94 14	93 11.3	95 2.1	92 54	100 24.9	100 81	100 36	97 -32	109 0.8	105 15.8	119 -19.7	109 -2.1	104 34.4	98 -5	100 14	98 0.51	103 0.48	92 -0.69
ZAM 260085 6020833981	1	LFR 190008 ZAM 140207		112 69	99 60	100 53	102 47	119 32	115 49	102 58	88 36	109 46	100 32	89 9	108 0.13	120 -4.3	96 16	99 14.2	100 3.6	101 75	104 28.2	93 52	108 54	86 -14	110 0.9	102 14.1	117 -18.9	115 -3.2	107 36.1	83 -17	94 8	100 0.65	105 0.91	91 -0.83
ZAM 260086 6020833999	1	CEF 200410 ZAM 180215		80 67	112 60	100 49	93 46	118 33	108 48	104 57	99 34	106 45	104 34	104 29	80 3.02	91 -0.4	106 31	112 21.2	100 3.7	107 91	113 36.8	101 85	99 33	97 -32	111 0.9	103 14.7	122 -21.5	112 -2.6	103 33.5	109 4	108 20	105 1.14	100 -0.02	93 -0.63
ZAM 260087 6020834005	1	LFR 190008 ZAM 180108		114 69	94 61	103 52	105 48	112 36	109 50	100 59	90 36	105 47	97 33	86 5	110 -0.07	113 -3.4	93 12	94 12.0	103 4.6	101 76	97 22.6	90 43	104 46	81 -6	109 0.8	98 11.4	112 -15.7	109 -2.2	103 33.9	87 -13	96 10	93 -0.01	97 -0.43	82 -1.58
ZAM 260088 6020834013	1	LFR 190008 ZAM 160196		101 69	103 62	94 54	101 49	102 37	101 51	100 60	95 38	99 48	101 34	90 9	98 1.15	119 -4.2	98 19	103 16.7	94 1.7	99 70	106 30.0	97 66	108 56	93 -25	95 0.1	102 13.8	99 -8.7	104 -1.2	104 34.6	92 -9	99 13	104 1.04	93 -1.11	90 -0.91
ZAM 260090 6020834039	1	LFR 190008 ZAM 180105		108 68	97 60	98 50	98 47	102 34	99 49	96 58	104 36	99 46	99 32	93 14	105 0.46	123 -4.6	100 23	97 13.3	98 3.2	95 62	103 27.9	104 95	125 96	97 -31	101 0.4	104 15.2	104 -11.4	100 -0.5	104 34.4	93 -9	94 8	91 -0.19	92 -1.23	86 -1.24
ZAM 260092 6020834054	1	ZAM 190208 ZAM 180061		92 68	102 59	107 49	94 48	84 35	90 49	100 57	85 29	87 45	90 21	96 18	88 2.19	104 -2.1	105 29	102 16.2	107 6.0	106 87	101 25.9	87 30	101 39	82 -8	106 0.6	106 16.1	85 -0.6	87 1.8	102 33.2	88 -13	92 7	91 -0.20	85 -2.30	101 0.04
ZAM 260103 6020834146	1	LFR 190008 ZAM 180249		95 68	108 61	106 52	98 48	98 36	106 50	110 59	96 36	103 47	102 34	100 23	91 1.95	106 -2.4	100 22	108 19.0	106 5.5	112 102	112 35.8	98 70	117 76	90 -20	101 0.4	92 8.2	103 -11.1	93 0.7	105 34.7	94 -8	100 14	97 0.35	93 -1.00	83 -1.48
ZAM 260104 6020834153	1	ZAM 190208 ZAM 160171		104 68	97 59	91 50	95 48	95 35	89 49	90 57	92 31	87 45	95 24	95 17	99 1.07	116 -3.7	104 28	97 13.2	91 1.1	87 43	101 25.6	91 46	112 64	81 -5	98 0.2	95 9.6	102 -10.1	93 0.8	105 34.7	74 -23	87 2	88 -0.55	97 -0.49	103 0.23
ZAM 260111 6020834211	1	CEF 200410 ZAM 220035		95 66	109 59	101 45	100 45	127 33	121 47	110 56	104 35	119 45	108 40	97 19	90 2.06	108 -2.6	98 19	109 19.8	101 4.1	111 99	116 39.2	108 108	104 45	105 -44	107 0.7	115 21.5	131 -26.5	117 -3.5	106 35.5	106 2	109 22	107 1.40	103 0.47	94 -0.56

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ZAM 260112	1	ZAM 190208				89	106	96	95	95	93	98	102	93	104	98	87	100	105	106	96	100	111	101	121	89	95	115	100	90	108	89	99	95	91	107
6020834294		ZAM 220025					66	58	45	41	34	47	55	30	44	30	20	2.38	-1.6	29	18.0	2.6	72	34.8	84	87	-18	0.0	21.8	-9.0	1.3	36.8	-12	12	0.21	-1.29
ZAM 260114	1	LFR 190008				92	115	109	86	112	118	116	101	115	111	113	87	111	114	115	109	114	116	106	91	97	93	105	108	115	104	103	112	109	97	86
6020834229		ZAM 160012					69	61	53	48	36	50	59	36	47	32	40	2.38	-3.0	43	23.1	6.6	106	39.2	102	14	-32	0.0	15.7	-13.9	-3.1	34.2	-1	24	1.56	-0.35
ZAM 260115	1	LFR 190008				98	109	106	92	107	112	110	100	109	106	105	94	118	107	109	106	109	111	103	114	96	98	101	103	112	101	105	110	103	97	87
6020834237		ZAM 160023					69	61	53	48	36	50	59	36	47	32	30	1.57	-4.0	32	19.7	5.5	95	34.9	91	71	-31	0.2	13.2	-10.7	-2.7	32.4	1	23	1.00	-0.42
ZAM 260401	2	ZAM 190024				99	110	99	105	107	115	114	96	111	102	92	95	112	93	110	99	113	105	97	103	88	112	121	116	101	101	91	101	109	95	104
6020576549		ZAM 190139					54	54	41	44	30	42	50	26	39	10	13	1.52	-3.1	12	20.4	3.5	104	29.0	67	43	-18	1.0	25.5	-18.0	-0.7	32.7	-11	14	1.60	-0.74
ZAM 260402	2	ZAM 190024				99	110	99	105	107	115	114	96	111	102	92	95	112	93	110	99	113	105	97	103	88	112	121	116	101	101	91	101	109	95	104
6020580731		ZAM 190139					54	54	41	44	30	42	50	26	39	10	13	1.52	-3.1	12	20.4	3.5	104	29.0	67	43	-18	1.0	25.5	-18.0	-0.7	32.7	-11	14	1.60	-0.74
ZAM 260410	1	ZAM 220047				97	108	86	115	118	113	106	91	108	102	82	95	117	86	108	86	103	107	93	92	92	103	118	123	108	106	93	97	109	102	93
6020576564		ZAM 200043					64	51	46	47	32	45	51	30	42	24	-1	1.49	-3.8	1	19.1	-0.7	81	31.2	52	17	-24	0.5	23.5	-22.1	-1.9	35.6	-9	11	1.56	0.35
																47	69	53	47	51	46	48	48	42	36	16	32	48	34	20	41	46	42	24	25	24

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Italics: DNA Test				Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★★																			
1	ZAM 230062	ZAM230062	ZAM 190146	ZAM 200006	6	0.8	HH(c)	0	0	0		118	88	119	88	110	85	90	85	111	84	137	79	132	87	112	84	135	80	114	84
												★★★★★																			
1	CEF 200410	CEF200410	CEF 180338	CEF 180021	8	5.0	HH(c)	0	0	0		106	94	104	95	109	89	97	88	134	87	128	84	109	93	101	89	124	85	108	88
2	ZAM 230023	ZAM230023	LAR 180306	ZAM 160028	6	0.8						84	68	125	60	104	52	96	51	110	36	124	50	127	59	109	35	122	47	102	40
3	ZAM 230065	ZAM230065	ZAM 190146	ZAM 200010	7	3.5	HH(c)	0	0	0		118	88	109	88	108	85	94	85	117	84	129	79	119	87	85	84	122	80	104	84
4	ZAM 240008	ZAM240008	CEF 190341	ZAM 140207	7	0.2						116	70	97	70	105	56	114	55	125	37	124	55	107	66	86	54	117	55	92	44
5	ZAM 240021	ZAM240021	CEF 190341	ZAM 150008	8	1.1						110	70	101	71	115	57	114	56	112	40	125	56	116	66	102	56	121	56	99	45
6	ZAM 240066	ZAM240066	ZAM 200089	ZAM 160090	8	6.9	HH(c)	0	0	0		112	88	95	88	104	85	120	85	129	84	124	79	105	87	94	84	119	80	110	83
7	ZAM 240112	ZAM240112	LFR 190008	ZAM 170223	7	1.5	HH(c)	0	0	0		121	89	99	89	78	87	124	87	132	86	122	81	103	88	85	87	115	82	97	86
8	ZAM 240148	ZAM240148	CEF 200410	ZAM 200010	7	0.8	HH(c)	0	0	0		90	88	111	88	110	85	91	85	128	84	123	79	111	87	101	85	120	80	114	84
												★★★★★																			
1	LFR 190008	LFR 190008	LFR 160061	LFR 160067	7	0.5	HH(c)	0	0	0		108	98	101	98	98	95	102	95	115	95	112	89	102	97	103	96	110	90	112	95
2	ZAM 190024	ZAM190024	ZAM 160053	ZAM 150220	8	2.4	HH(c)	0	0	0		92	92	110	92	96	88	102	88	122	87	115	83	107	91	107	88	114	84	114	85
3	ZAM 200089	ZAM200089	LFR 160001	ZAM 160145	8	0.3	HH(c)	0	0	0		94	92	110	93	107	89	111	89	99	88	113	83	117	92	92	88	109	84	106	88
4	ZAM 220042	ZAM220042	LFR 150032	ZAM 130144	8	0.6	HH(c)	0	0	0		118	89	88	89	117	87	115	87	102	85	111	81	103	88	123	86	114	82	116	85
5	ZAM 230008	ZAM230008	LAR 180306	ZAM 160023	7	0.6	HH(c)	0	1	0		99	87	108	86	113	85	93	85	104	83	113	79	112	86	108	84	113	80	100	83
6	ZAM 230021	ZAM230021	LAR 180306	ZAM 160012	6	0.6	HH(c)	0	0	0		90	87	119	86	98	85	84	85	109	83	112	79	115	86	117	84	114	80	108	83
7	ZAM 230074	ZAM230074	ZAM 190146	ZAM 200062	7	3.7						125	65	95	67	100	45	105	45	103	32	110	50	103	60	86	28	105	46	95	24
8	ZAM 230077	ZAM230077	ZAM 190146	ZAM 200041	7	1.9						119	65	103	67	95	44	99	44	110	32	115	49	107	60	88	26	109	44	100	12
9	ZAM 230082	ZAM230082	ZAM 190146	ZAM 200043	8	1.3	HH(c)	0	0	0		124	88	105	88	83	85	101	85	114	84	116	79	105	87	97	84	113	80	103	83
10	ZAM 230087	ZAM230087	ZAM 190146	ZAM 200005	6	4.3	HH(c)	0	0	0		124	88	98	88	99	86	116	86	109	84	119	80	109	87	83	84	112	81	93	84
11	ZAM 230117	ZAM230117	CEF 190341	ZAM 200137	7	1.5	HH(c)	0	0	0		107	88	99	89	89	86	126	86	113	85	111	80	104	88	82	86	105	81	86	85
12	ZAM 230118	ZAM230118	CEF 190341	ZAM 200127	7	1.5	HH(c)	0	0	0		109	88	108	88	101	86	114	86	102	85	118	80	118	87	85	86	112	81	85	85
13	ZAM 230161	ZAM230161	ZAM 190146	ZAM 190038	7	1.6	HH(c)	0	0	0		88	88	114	88	107	85	90	85	118	84	118	79	112	87	104	84	116	80	110	83
14	ZAM 240003	ZAM240003	ZAM 190024	ZAM 190057	7	1.1						76	65	119	65	101	47	104	46	115	33	116	49	117	59	94	28	112	45	101	12
15	ZAM 240017	ZAM240017	CEF 190341	ZAM 160196	7	0.8						112	70	102	71	97	57	110	57	108	42	114	56	108	66	92	56	109	56	91	45

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value															
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc															
				Italics: DNA Test																											
							★★★★																								
16	ZAM 240027	ZAM240027	LFR 190008	ZAM 190127	8	1.3	HH(c)	0	0	0		97	89	112	89	85	86	96	86	118	85	111	80	105	88	97	86	109	81	114	85
17	ZAM 240033	ZAM240033	LFR 160001	ZAM 170145	8	0.4	HH(c)	0	0	0		98	89	103	89	126	87	100	87	102	85	116	81	115	88	109	86	116	82	120	85
18	ZAM 240069	ZAM240069	LFR 160061	ZAM 170087	7	1.5						97	71	108	71	90	61	99	60	130	44	117	58	104	68	100	48	114	56	114	47
19	ZAM 240078	ZAM240078	TMB 200231	ZAM 210146	8	0.5	HH(c)	0	0	0		107	89	116	89	83	87	93	86	109	85	113	81	111	88	131	86	118	82	132	86
20	ZAM 240107	ZAM240107	CEF 200410	ZAM 130074	7	0.8	HH(c)	0	0	0		120	89	102	89	105	86	106	86	104	84	119	80	113	88	72	86	109	81	88	84
21	ZAM 240120	ZAM240120	ZAM 190024	ZAM 210134	7	1.2	HH(c)	0	0	0		105	88	101	88	99	85	105	85	112	84	110	79	103	87	92	85	106	80	109	83
22	ZAM 240129	ZAM240129	LFR 190008	ZAM 170078	8	1.0	HH(c)	0	0	0		112	89	106	89	84	87	107	87	116	86	114	81	105	88	88	87	109	82	104	85
23	ZAM 240143	ZAM240143	ZAM 190024	ZAM 210028	6	1.1						107	65	103	66	102	45	111	41	104	33	112	49	110	59	95	38	109	47	106	24
							★★★★☆																								
1	ZAM 190081	ZAM190081	ZAM 150149	ZAM 090059	8	3.5	HH(c)	0	0	0		119	95	86	94	99	90	108	89	111	88	101	84	88	93	95	89	99	85	103	87
2	ZAM 220064	ZAM220064	LFR 150032	ZAM 190134	7	0.8	HH(c)	0	0	0		118	89	101	88	97	87	102	87	93	86	105	81	106	88	93	86	102	82	90	86
3	ZAM 220100	ZAM220100	ZAM 190031	ZAM 190054	6	0.3						102	65	101	65	108	48	100	47	94	33	102	50	105	60	92	39	99	48	99	22
4	ZAM 230009	ZAM230009	LFB 180524	ZAM 140207	7	0.4						115	69	97	59	104	53	102	52	99	34	106	50	102	58	80	32	100	46	92	23
5	ZAM 230014	ZAM230014	JRB 170127	ZAM 180042	7	2.0						89	68	109	59	102	51	101	52	95	37	102	50	109	58	93	28	99	46	88	13
6	ZAM 230016	ZAM230016	LFB 180524	ZAM 150008	6	1.3						88	70	109	60	119	54	99	53	86	37	104	51	114	59	107	35	104	48	103	25
7	ZAM 230043	ZAM230043	ZAM 190208	ZAM 160090	8	0.5	HH(c)	0	0	0		94	89	96	88	109	86	103	86	108	85	101	80	96	88	88	85	98	81	95	84
8	ZAM 230045	ZAM230045	ZAM 190208	ZAM 180135	7	1.7	HH(c)	0	0	0		104	88	99	87	103	85	111	85	100	84	105	79	104	87	90	84	101	80	101	83
9	ZAM 230052	ZAM230052	ZAM 190208	ZAM 170247	7	0.7						79	68	113	59	115	48	92	47	92	35	102	49	113	57	103	28	102	45	106	22
10	ZAM 230053	ZAM230053	ZAM 190208	ZAM 180272	8	0.3	HH(c)	0	0	0		102	89	99	88	113	86	113	86	97	85	109	80	110	88	104	85	108	81	106	84
11	ZAM 230106	ZAM230106	CEF 190341	ZAM 170079	6	2.2						92	70	104	70	99	57	116	56	98	42	103	56	106	66	91	49	99	55	90	46
12	ZAM 230114	ZAM230114		ZAM 170010		0.0	HH(c)	0	0	0		101	85	103	85	110	83	90	83	95	82	101	77	103	84	78	82	95	78	93	81
13	ZAM 230116	ZAM230116	CEF 190341	ZAM 200177	8	1.8	HH(c)	1	0	0		87	89	110	89	92	86	115	86	98	85	103	80	110	88	76	86	96	81	88	85
14	ZAM 230130	ZAM230130	ZAM 190081	ZAM 200212	7	3.2	HH(c)	0	0	0		99	88	106	88	107	85	89	85	103	84	106	79	105	87	107	84	107	80	120	83
15	ZAM 230133	ZAM230133	LFR 190008	ZAM 170109	7	1.5						105	69	95	70	105	53	107	48	112	37	107	53	99	64	94	36	104	50	92	32
16	ZAM 230166	ZAM230166	ZAM 190146	ZAM 200037	7	0.7						116	65	99	67	98	45	101	45	100	33	106	50	102	60	94	28	103	46	101	22
17	ZAM 240024	ZAM240024	LFR 190008	ZAM 190126	7	0.7						113	67	93	60	101	48	110	46	111	34	108	48	98	57	103	42	107	47	98	32
18	ZAM 240026	ZAM240026	LFR 190008	ZAM 190070	7	1.3	HH(c)	0	1	0		84	89	115	89	102	87	95	87	94	86	103	81	112	88	107	87	103	82	105	85
19	ZAM 240032	ZAM240032	LFR 190008	ZAM 190132	7	0.5						91	68	107	70	99	52	102	48	99	37	101	53	106	64	94	44	99	51	101	38

Selection List on Cow Value

Bulls 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score		Horned / Polled	Myostatin				Genomic test	Calving Ease Value		Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value																													
Sorted on ID						% Inbreeding			Q204X	nt821	F94L			Acc	Acc																																						
							Italics: DNA Test																																														
														★★★★☆																																							
20	ZAM 240035	ZAM240035	LFR 190008	ZAM 190262	7	1.1								93	68	105	69	104	52	98	48	103	35	103	53	104	63	102	43	102	51	109	33																				
21	ZAM 240039	ZAM240039	LFR 190008	ZAM 180008	6	0.7								96	68	97	70	105	52	103	47	118	35	106	53	97	63	98	42	104	51	100	32																				
22	ZAM 240044	ZAM240044	LFR 160001	ZAM 130208	6	0.3								108	71	91	71	113	62	117	60	98	45	105	58	103	68	88	44	100	55	98	44																				
23	ZAM 240051	ZAM240051	ZAM 200089	ZAM 190134	7	4.3	HH(c)	0	0	0	🇬🇧	79	88	122	88	106	85	87	85	94	84	107	79	118	87	109	85	107	80	113	84																						
24	ZAM 240067	ZAM240067	ZAM 200089	ZAM 180248	8	0.7	HH(c)	0	0	0	🇬🇧	110	87	101	87	94	85	99	85	103	83	103	79	99	86	102	84	102	80	112	83																						
25	ZAM 240070	ZAM240070	LFR 160061	ZAM 160171	8	1.8	HH(c)	0	0	0	🇬🇧	101	90	110	89	72	88	95	88	118	86	104	81	97	89	108	87	105	82	115	86																						
26	ZAM 240076	ZAM240076	TMB 200231	ZAM 210049	6	0.8								116	68	107	60	78	49	103	42	102	37	105	49	104	57	121	47	109	49	114	48																				
27	ZAM 240081	ZAM240081	TMB 200231	ZAM 210044	7	0.8	HH(c)	0	0	0	🇬🇧	124	89	109	89	75	87	102	86	98	86	108	81	107	88	117	86	110	82	119	86																						
28	ZAM 240110	ZAM240110	ZAM 190024	ZAM 210122	6	2.3								93	65	108	66	101	44	93	45	111	30	108	49	104	59	114	36	109	46	115	8																				
29	ZAM 240115	ZAM240115	LFR 190008	ZAM 170188	6	1.3								103	68	102	70	91	52	97	47	117	36	105	53	96	64	105	42	105	51	109	34																				
30	ZAM 240119	ZAM240119	LFR 190008	ZAM 170010	7	1.5								109	69	95	71	99	54	115	48	101	36	104	54	102	65	91	44	101	52	97	34																				
31	ZAM 240121	ZAM240121	LFR 190008	ZAM 160199	8	0.9	HH(c)	0	0	0	🇬🇧	101	89	104	89	91	87	112	86	96	85	101	81	104	88	94	86	99	82	112	85																						
32	ZAM 240135	ZAM240135	CEF 200410	ZAM 180144	7	1.1								96	67	109	69	106	49	98	46	101	33	109	51	112	62	102	42	108	49	109	34																				
														★★★★																																							
1	ZAM 210039	ZAM210039	ZAM 170104	ZAM 150017	7	2.0								86	67	125	68	94	51	83	52	68	38	93	53	119	63	83	42	89	51	114	16																				
2	ZAM 220019	ZAM220019	LFR 150032	ZAM 160056	7	0.4	HH(c)	0	0	0	🇬🇧	89	88	104	88	90	86	95	86	112	84	97	80	92	87	114	84	99	81	105	84																						
3	ZAM 230025	ZAM230025	LAR 180306	ZAM 160013	6	1.2								87	69	107	60	82	53	104	52	112	37	98	51	97	59	108	34	100	48	101	42																				
4	ZAM 230027	ZAM230027	ZAM 190208	ZAM 160196	6	0.6								84	69	113	60	99	51	94	49	83	37	92	50	108	58	93	31	91	46	98	23																				
5	ZAM 230034	ZAM230034	ZAM 190208	ZAM 170202	7	0.2								94	67	96	58	98	48	91	47	106	34	90	48	86	56	96	29	90	44	97	23																				
6	ZAM 230055	ZAM230055	ZAM 190208	ZAM 180111	8	0.8	HH(c)	0	0	0	🇬🇧	104	88	92	88	112	86	107	85	90	84	96	80	98	87	71	84	89	81	87	84																						
7	ZAM 230094	ZAM230094		ZAM 180160		0.0								125	58	87	59	86	38	110	37	109	22	99	42	87	52				81	6																					
8	ZAM 230107	ZAM230107	LFR 190008	ZAM 160001	7	1.2	HH(c)	0	0	0	🇬🇧	109	89	96	88	86	87	94	86	101	85	91	80	88	88	102	86	92	81	94	85																						
9	ZAM 230113	ZAM230113	LFR 190008	ZAM 170090	7	0.6	HH(c)	0	0	0	🇬🇧	99	89	108	89	99	87	90	86	89	85	97	81	104	88	119	86	101	82	121	85																						
10	ZAM 230121	ZAM230121	ZAM 170005	ZAM 170223	7	2.6								79	67	108	68	78	50	116	49	104	36	93	52	96	62	82	32	89	48	97	18																				
11	ZAM 230136	ZAM230136	ZAM 190081	ZAM 200171	7	2.8								110	66	92	67	102	47	101	47	95	34	94	51	92	61	95	30	92	47	103	20																				
12	ZAM 230138	ZAM230138	ZAM 190081	ZAM 200174	6	2.3								110	66	90	67	94	47	107	47	102	34	94	51	88	61	91	29	92	47	95	20																				
13	ZAM 230146	ZAM230146	ZAM 190081	ZAM 200135	7	2.5	HH(c)	0	0	0	🇬🇧	118	88	98	88	84	86	109	85	95	84	98	80	97	87	105	84	98	81	108	84																						
14	ZAM 230158	ZAM230158	ZAM 190081	ZAM 170076	7	2.2								97	67	94	68	93	49	109	48	114	34	98	51	89	62	96	28	96	46	98	14																				

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★																			
15	ZAM 230176	ZAM230176	ZAM 180026	ZAM 140008	7	2.0	HH(c)	0	0	0		94	87	93	88	104	85	110	85	108	83	98	79	91	87	95	84	96	80	108	82
16	ZAM 230181	ZAM230181	ZAM 180026	ZAM 190120	6	0.6						93	67	92	67	108	49	107	49	105	34	95	51	90	61	91	32	93	47	102	22
17	ZAM 230192	ZAM230192	ZAM 190081	ZAM 170154	6	0.4						108	66	86	68	101	49	117	47	96	32	91	51	88	62	98	29	91	47	105	12
18	ZAM 230195	ZAM230195	ZAM 190081	ZAM 200108	7	3.4						109	66	95	67	97	45	101	46	99	31	97	50	94	60	93	27	95	45	104	10
19	ZAM 240030	ZAM240030	LFR 160001	ZAM 170249	7	0.5	HH(c)	0	0	0		96	89	103	89	101	87	108	87	90	85	98	81	104	88	91	86	95	82	105	85
20	ZAM 240038	ZAM240038	LFR 160001	ZAM 180105	7	1.0						103	71	100	70	108	59	104	59	88	44	99	57	105	67	104	44	100	54	101	45
21	ZAM 240063	ZAM240063	ZAM 200089	ZAM 190159	7	1.0						88	65	108	67	105	47	104	48	83	36	96	51	109	61	95	40	94	49	100	32
22	ZAM 240122	ZAM240122	LFR 190008	ZAM 140173	7	0.5	HH(c)	0	0	0		118	89	84	89	94	87	107	86	104	85	92	81	83	88	92	86	90	82	97	85
23	ZAM 240147	ZAM240147	LFR 190008	ZAM 200043	7	0.7	HH(c)	0	0	0		94	89	94	89	91	87	130	86	94	85	92	81	95	88	84	86	88	82	96	85
												★★★★☆																			
1	ZAM 180026	ZAM180026	DDJ 070221	ZAM 120207	8	0.9	HH(c)	0	0	0		105	94	86	93	91	89	120	89	93	88	84	84	83	92	90	88	83	85	102	86
2	ZAM 190208	ZAM190208	DAJ 110069	ZAM 150260	8	0.2	HH(c)	0	0	0		81	96	109	95	107	91	88	91	74	90	84	86	102	94	102	90	85	87	105	90
3	ZAM 230004	ZAM230004	ZAM 170005	ZAM 180203	6	1.2						79	67	105	57	91	48	108	49	89	38	85	49	96	56	91	32	84	46	93	25
4	ZAM 230041	ZAM230041	ZAM 190208	ZAM 180110	6	0.8						92	66	102	55	93	45	98	47	78	35	81	47	94	54	98	28	82	43	92	22
5	ZAM 230046	ZAM230046	ZAM 190208	ZAM 180248	7	0.5						103	67	92	58	96	48	98	47	89	34	83	48	86	56	102	28	85	44	99	21
6	ZAM 230067	ZAM230067	ZAM 190208	ZAM 180212	6	1.3						85	67	109	69	105	49	92	47	81	35	89	52	104	62	97	29	89	47	103	21
7	ZAM 230123	ZAM230123	ZAM 190208	ZAM 180213	7	4.1	HH(c)	1	0	0		78	89	115	89	107	86	86	86	69	85	87	80	109	88	109	85	89	81	116	84
8	ZAM 230179	ZAM230179	ZAM 180026	ZAM 150034	6	1.2						109	67	90	69	89	53	103	50	102	35	89	53	84	63	94	32	88	49	100	20
9	ZAM 240049	ZAM240049	ZAM 170005	ZAM 180033	6	2.4						99	66	99	68	94	49	102	48	84	34	86	51	94	62	101	40	87	49	101	16
10	ZAM 240058	ZAM240058	ZAM 170005	ZAM 160089	6	0.4						76	67	100	68	95	50	109	48	92	34	82	52	90	62	83	40	79	50	92	16
												★★★																			
1	ZAM 240001	ZAM240001	ZAM 170005	ZAM 170053	7	1.3						72	67	108	65	93	48	101	47	75	35	75	50	94	60	92	30	75	46	89	17

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin				Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value									
Sorted on ID								Q204X	n1821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
					Italics: DNA Test							★★★★★★																			
1	ZAM 230037	ZAM230037	JRB 170127	ZAM 200066	6	1.3	HH(c)	1	0	0		111	87	112	86	109	84	84	85	127	83	131	78	117	86	112	83	130	79	115	82
2	ZAM 230093	ZAM230093	CEF 190341	ZAM 200113	7	0.7	HH(c)	0	0	0		114	88	108	89	110	86	102	86	119	85	132	80	121	88	97	86	127	81	99	86
												★★★★★★☆																			
1	ZAM 140223	ZAM140223	AG 060051	ZAM 030207	8	0.0						114	78	94	75	117	79	121	75	110	46	121	65	112	76	85	39	114	60	92	20
2	ZAM 160012	ZAM160012	ZAM 110022	ZAM 120016	6	1.9						80	79	125	75	120	77	73	75	109	47	122	65	130	76	99	36	119	59	110	17
3	ZAM 160090	ZAM160090	ZAM 130013	ZAM 130144	7	0.3						112	79	88	76	106	79	116	76	138	49	121	66	96	77	91	40	116	61	99	24
4	ZAM 170016	ZAM170016		ZAM 140223	7	0.0	HH(c)	0	0	0		97	88	98	85	149	86	90	86	116	82	125	78	113	86	103	82	122	79	108	81
5	ZAM 180109	ZAM180109	FCT 120194	ZAM 150005	6	1.9						84	75	107	73	127	71	96	73	118	46	121	62	114	73	82	35	113	57	91	20
6	ZAM 190038	ZAM190038	ZAM 160053	ZAM 150009	8	0.9						70	76	126	73	126	69	85	73	111	46	125	62	128	73	112	36	124	57	122	16
7	ZAM 190111	ZAM190111	ZAM 120094	ZAM 140207	7	0.2						132	74	91	71	88	70	129	71	125	40	122	60	102	71	65	34	111	55	75	20
8	ZAM 220030	ZAM220030	LFR 160061	ZAM 170239	7	1.1	HH(c)	0	0	0		102	89	108	89	95	88	112	89	121	86	121	81	112	89	89	86	115	82	98	86
9	ZAM 220033	ZAM220033	LFR 160061	ZAM 170087	7	1.5	HH(c)	0	0	0		92	90	118	90	83	89	88	89	137	87	121	82	106	90	112	86	120	83	119	86
10	ZAM 230084	ZAM230084	ZAM 190146	ZAM 200032	7	1.7	HH(c)	0	0	0		130	88	104	88	94	85	97	85	110	84	121	79	110	87	87	84	114	80	89	83
11	ZAM 230109	ZAM230109	CEF 190341	ZAM 180052	7	1.9						121	70	102	70	92	56	121	56	110	41	120	56	112	66	91	48	115	54	87	45
12	ZAM 240007	ZAM240007	CEF 190341	ZAM 160023	6	0.5						102	70	112	70	108	56	99	56	112	40	123	56	119	66	93	48	118	54	93	44
13	ZAM 240011	ZAM240011	CEF 190341	ZAM 160012	6	0.4						88	70	123	70	110	56	91	56	116	41	129	56	127	66	95	48	123	54	100	44
14	ZAM 240085	ZAM240085	TMB 200231	ZAM 210021	6	1.1						105	68	120	70	93	53	92	47	107	38	121	53	120	64	126	40	123	50	128	48
15	ZAM 240086	ZAM240086	ZAM 200089	ZAM 200066	6	1.6						101	65	118	66	102	44	92	47	106	34	120	50	121	59	98	30	117	46	109	26
16	ZAM 240133	ZAM240133	CEF 200410	ZAM 140223	7	1.0						118	68	95	70	112	52	109	47	122	33	124	52	107	63	93	35	119	49	98	34
17	ZAM 240136	ZAM240136	CEF 200410	ZAM 200041	6	1.1						102	67	113	69	103	48	93	46	115	33	121	51	116	62	100	34	118	48	110	34
												★★★★★																			
1	ZAM 140063	ZAM140063	FCT 110316	ZAM 060076	6	0.8						75	81	117	78	133	81	77	75	93	50	110	67	123	79	108	43	110	62	114	23
2	ZAM 140207	ZAM140207		ZAM 120109	6	0.0	HH(c)	0	0	0		125	88	91	87	100	88	103	87	124	82	117	79	97	87	72	82	107	80	88	80
3	ZAM 150008	ZAM150008	FCT 110316	ZAM 120071	7	0.8						93	80	104	76	127	79	97	76	98	45	112	65	113	77	119	44	114	61	110	24
4	ZAM 150009	ZAM150009	FCT 110316	ZAM 120176	7	0.8						69	80	119	76	134	80	89	78	102	51	118	67	124	78	118	39	120	61	119	23
5	ZAM 160023	ZAM160023	ZAM 110022	ZAM 110155	7	1.3						89	79	116	75	114	77	84	75	99	48	112	65	118	76	96	34	109	59	101	13

Selection List on Cow Value
Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Q204X nt821 F94L	Myostatin nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
										★★★★																			
6	ZAM 160028	ZAM160028	WVZ 110021	ZAM 110107	7	0.6				84	78	114	75	107	76	92	75	118	48	116	65	111	76	101	42	113	60	99	28
7	ZAM 170078	ZAM170078	ZAM 130013	ZAM 110179	7	0.6				86	78	110	76	105	78	97	76	116	50	113	66	108	77	83	40	106	61	97	23
8	ZAM 170094	ZAM170094	ZAM 140050	ZAM 140153	6	0.5				88	75	106	72	113	72	109	72	117	45	117	62	111	72	81	31	110	56	86	18
9	ZAM 170101	ZAM170101	FCT 120194	FCT 090256	7	1.6				97	77	97	75	130	72	103	73	105	50	113	64	111	74	78	40	106	59	83	28
10	ZAM 170145	ZAM170145	AG 110493	ZAM 140073	7	0.8				86	75	109	74	145	74	94	73	82	47	113	63	125	74	116	41	114	59	121	24
11	ZAM 170223	ZAM170223	ZAM 130013	ZAM 120176	7	0.6				100	77	107	76	73	77	126	75	135	49	119	65	103	76	83	40	112	60	98	24
12	ZAM 170239	ZAM170239	ZAM 140038	ZAM 130180	7	3.0				94	75	109	74	108	75	98	73	106	42	112	63	111	74	89	32	107	57	93	11
13	ZAM 170247	ZAM170247	ZAM 140155	ZAM 130033	7	0.4				83	77	109	74	121	72	95	74	106	46	112	63	113	74	103	34	111	57	106	17
14	ZAM 180103	ZAM180103	FCT 120194	ZAM 080447	7	0.0				82	76	102	71	125	72	91	74	125	42	114	61	102	72	92	33	110	55	103	16
15	ZAM 180142	ZAM180142	ZAM 160144	ZAM 160028	6	1.6				107	74	104	70	93	65	99	72	113	40	110	59	102	70	99	34	108	54	102	18
16	ZAM 190095	ZAM190095	ZAM 150149	ZAM 140119	7	4.5				93	72	111	73	105	70	84	72	109	44	110	61	108	72	99	32	107	55	102	10
17	ZAM 190120	ZAM190120	FCT 120194	ZAM 170016	7	0.2				85	75	99	70	124	70	101	72	116	41	111	60	103	71	91	34	107	55	97	17
18	ZAM 190131	ZAM190131	ZAM 170055	ZAM 160089	7	0.6				113	73	93	71	105	65	110	71	117	42	113	60	100	70	84	32	107	54	83	14
19	ZAM 190134	ZAM190134	ZAM 170055	ZAM 160126	8	2.8				110	75	112	70	92	65	89	71	106	43	113	60	111	70	94	34	109	55	94	16
20	ZAM 190139	ZAM190139	ZAM 170055	ZAM 160140	7	6.0				99	70	111	68	103	57	108	68	93	42	111	57	117	66	86	31	106	52	90	16
21	ZAM 190188	ZAM190188	LFR 160001	ZAM 150008	7	0.4				102	76	103	74	113	71	110	75	99	48	113	63	112	74	110	43	113	59	111	46
22	ZAM 190220	ZAM190220	ZAM 160053	ZAM 150042	6	3.0				89	74	113	72	91	67	85	73	126	45	112	61	103	71	99	34	109	56	103	12
23	ZAM 200005	ZAM200005	LFR 160001	ZAM 170078	7	0.4				92	75	109	73	102	70	112	74	100	49	110	63	113	73	86	39	105	58	100	46
24	ZAM 200006	ZAM200006	LFR 160001	ZAM 170041	8	0.8				101	74	110	72	124	67	104	73	91	48	119	62	126	71	112	40	119	58	112	45
25	ZAM 200009	ZAM200009	LFR 160001	ZAM 170084	7	0.9				82	75	114	73	122	70	94	74	95	48	111	63	120	73	92	38	107	58	101	45
26	ZAM 200010	ZAM200010	ZAM 120094	ZAM 140008	8	2.3				92	71	103	70	114	66	97	71	123	42	117	59	105	69	84	35	110	54	98	22
27	ZAM 200043	ZAM200043	ZAM 160053	ZAM 140223	7	0.3				106	75	101	73	98	69	127	73	104	44	113	62	112	73	83	36	107	57	96	16
28	ZAM 200191	ZAM200191	ZAM 160130	ZAM 170197	7	1.4				101	71	116	70	99	64	93	71	93	42	110	59	117	69	105	31	110	53	107	14
29	ZAM 200204	ZAM200204	ZAM 140155	ZAM 110014	6	1.7				88	75	110	73	109	69	94	73	116	47	114	62	110	73	96	34	111	56	105	18
30	ZAM 200209	ZAM200209	ZAM 160026	ZAM 100122	7	2.1				81	72	123	71	123	65	85	70	86	42	114	59	129	70	112	30	114	53	115	12
31	ZAM 210011	ZAM210011	LFR 160001	ZAM 180045	8	1.1				99	73	113	72	110	68	92	74	96	48	113	62	118	72	85	40	107	58	98	46
32	ZAM 210028	ZAM210028	LFR 160001	ZAM 180249	6	1.2				113	74	102	72	108	65	117	60	87	48	111	60	116	70	89	40	106	56	99	46
33	ZAM 210146	ZAM210146	ZAM 150149	ZAM 140207	7	0.3				106	72	103	70	91	61	104	69	120	38	113	58	102	68	89	32	108	53	99	10
34	ZAM 210162	ZAM210162	ZAM 190081	ZAM 190044	8	2.5				110	70	100	59	92	53	111	64	116	33	113	51	103	60	89	28	108	46	95	8
35	ZAM 220016	ZAM220016	LFR 160061	ZAM 170099	7	1.7				101	71	107	71	82	65	115	72	115	47	111	60	106	70	106	44	111	57	110	46

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
									Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								Italics: DNA Test																								
													★★★★★																			
36	ZAM 220035	ZAM220035	LFR 160061	ZAM 170128	7	1.3							96	73	107	71	92	63	103	71	120	46	112	60	104	70	107	40	111	56	107	46
37	ZAM 220087	ZAM220087	ZAM 180151	ZAM 180103	7	0.3							90	68	109	67	113	57	98	67	111	35	115	55	113	65	98	28	112	50	107	14
38	ZAM 230010	ZAM230010	LFB 180524	ZAM 150009	8	1.2	HH(c)	0	0	0			75	89	120	87	120	86	88	86	94	84	111	80	120	87	107	84	110	81	112	84
39	ZAM 230018	ZAM230018	JRB 170127	ZAM 180142	7	0.6	HH(c)	0	0	0			96	88	114	87	93	86	97	86	112	84	114	79	111	87	102	84	112	80	111	83
40	ZAM 230026	ZAM230026	JRB 170127	ZAM 200036	7	1.3	HH(c)	0	0	0			102	89	108	87	107	86	97	86	112	84	118	80	113	87	92	84	114	81	100	83
41	ZAM 230081	ZAM230081	ZAM 190146	ZAM 200063	7	1.8	HH(c)	0	0	0			113	88	105	88	97	86	98	86	106	85	113	80	108	87	94	84	109	81	96	84
42	ZAM 230100	ZAM230100	LFR 160061	ZAM 200161	7	1.5	HH(c)	0	0	0			82	89	123	89	95	87	88	87	111	86	114	81	117	88	116	86	115	82	125	86
43	ZAM 230105	ZAM230105	CEF 190341	ZAM 200123	7	1.4							107	68	102	69	99	51	115	54	102	39	110	54	108	64	92	48	106	53	88	44
44	ZAM 230120	ZAM230120	ZAM 190146	ZAM 200009	7	3.7	HH(c)	0	0	0			105	88	113	88	100	86	95	86	107	85	117	80	115	87	96	84	113	81	101	84
45	ZAM 230132	ZAM230132	LFR 190008	ZAM 180103	7	0.6	HH(c)	0	0	0			93	88	106	89	119	86	99	86	116	85	119	80	112	88	105	84	117	81	112	84
46	ZAM 230169	ZAM230169	ZAM 190146	ZAM 190220	7	2.4							113	65	104	67	91	43	94	44	124	31	116	49	103	59	93	26	112	44	95	10
47	ZAM 230177	ZAM230177	ZAM 190024	ZAM 190095	7	5.6							89	54	121	67	98	47	87	46	115	32	118	48	117	59	107	27	117	44	114	8
48	ZAM 230180	ZAM230180	ZAM 190024	ZAM 190111	8	1.0	HH(c)	0	0	0			111	88	107	88	73	85	114	85	124	83	117	79	104	87	88	84	111	80	98	83
49	ZAM 240010	ZAM240010	CEF 190341	ZAM 150151	7	0.6							106	70	101	71	87	56	112	56	121	41	112	56	101	66	92	48	108	54	86	46
50	ZAM 240012	ZAM240012	CEF 190341	ZAM 150235		2.7							93	70	105	71	107	57	109	56	104	42	110	56	109	66	94	48	106	54	93	45
51	ZAM 240015	ZAM240015	CEF 190341	ZAM 180011	7	0.7							101	70	102	70	99	55	105	56	117	40	112	55	102	65	92	48	108	54	90	44
52	ZAM 240022	ZAM240022	LFR 190008	ZAM 190115	6	1.1							96	68	110	70	100	51	95	47	112	36	113	53	109	63	100	36	110	50	104	34
53	ZAM 240041	ZAM240041	LFR 160001	ZAM 180109	6	4.4							100	70	102	70	121	59	109	59	103	45	116	57	114	67	87	38	110	53	98	45
54	ZAM 240072	ZAM240072	ZAM 200089	ZAM 170247	6	0.8							88	66	114	67	112	48	99	48	103	34	116	51	119	61	99	30	113	47	107	24
55	ZAM 240089	ZAM240089	CEF 200410	ZAM 160064	6	1.0							84	67	106	70	102	50	105	47	128	35	114	52	104	63	89	35	109	49	94	35
56	ZAM 240097	ZAM240097	ZAM 190024	ZAM 210052	6	1.5							77	65	116	66	106	44	96	46	107	32	110	49	113	59	109	28	110	45	113	11
57	ZAM 240108	ZAM240108	CEF 200410	ZAM 130199	6	1.0							109	69	102	70	99	53	94	48	111	37	110	53	102	64	87	37	105	50	96	38
58	ZAM 240111	ZAM240111	ZAM 190081	ZAM 200204	6	3.7							93	66	108	67	103	46	95	46	113	33	110	50	106	60	99	27	108	45	108	10
59	ZAM 240116	ZAM240116	CEF 200410	ZAM 180111	6	0.8							111	67	97	69	105	50	104	47	118	34	116	52	103	62	84	34	109	48	92	35
60	ZAM 240126	ZAM240126	LFR 190008	ZAM 170160	6	1.1							99	69	104	70	92	53	104	48	122	38	112	54	102	64	99	38	109	51	105	34
61	ZAM 240134	ZAM240134	CEF 200410	ZAM 200072	6	1.0							113	67	98	69	93	49	103	46	119	34	111	52	98	62	89	34	106	48	95	34
62	ZAM 240137	ZAM240137	ZAM 200089	ZAM 180132	6	2.1							115	66	104	67	96	48	113	48	95	34	112	51	113	61	94	30	108	47	101	24
63	ZAM 240138	ZAM240138	LFR 190008	ZAM 170094	6	1.2							89	68	111	70	106	52	101	47	116	36	117	53	113	63	94	35	113	49	101	33

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Acc	Calf Growth Value	Acc	Milk Value	Acc	Maint. Value	Acc	Fertility Value	Acc	Cow Value	Acc	Weaner Calf Value	Acc	Growth Value	Acc	Prod Value	Acc	Carcass Value	Acc
																★★★★☆																	
1	ZAM 140182	ZAM140182	VOG 070058	ZAM 070053	6	1.2								81	78	104	77	94	79	111	75	112	49	100	66	97	77	90	37	96	60	85	14
2	ZAM 150035	ZAM150035	ZAM 110134	ZAM 040164	6	0.0								85	78	109	75	123	79	79	73	103	45	107	64	111	76	99	36	105	58	111	5
3	ZAM 150220	ZAM150220	ZAM 120092	ZAM 110456	7	1.3								86	80	94	77	100	78	120	75	133	46	108	66	92	77	104	37	108	60	101	10
4	ZAM 160064	ZAM160064	ZAM 130013	ZAM 130104	8	0.4								87	78	99	75	91	76	124	76	121	49	106	65	97	76	75	40	98	60	82	25
5	ZAM 160143	ZAM160143	ZAM 140035	ZAM 140008	6	3.1								102	78	90	74	105	77	126	74	115	44	108	64	96	75	93	32	104	58	94	12
6	ZAM 160199	ZAM160199	ZAM 130013	ZAM 130186	8	0.4								106	78	93	69	88	76	127	74	107	44	101	62	95	72	82	40	96	58	97	23
7	ZAM 170087	ZAM170087	ZAM 130013	ZAM 090146	7	0.8								98	78	103	77	93	79	97	77	118	51	107	67	98	77	90	41	103	62	101	26
8	ZAM 170109	ZAM170109	ZAM 140050	ZAM 140249	7	1.2								105	77	92	74	109	75	115	74	107	47	105	64	100	74	77	34	99	58	74	18
9	ZAM 170110	ZAM170110	ZAM 140050	ZAM 140238	8	1.5								98	76	104	73	102	73	123	74	82	46	101	63	112	74	80	32	95	57	79	20
10	ZAM 170160	ZAM170160	ZAM 130013	ZAM 090036	7	0.9								87	78	102	76	86	76	108	75	128	51	105	66	93	76	92	43	102	61	99	26
11	ZAM 170198	ZAM170198	DDJ 070221	ZAM 130208	7	1.1								100	79	102	76	98	77	104	76	101	51	102	66	102	77	89	44	98	62	100	35
12	ZAM 180008	ZAM180008	ZAM 140155	ZAM 060209	7	0.0								77	75	101	72	108	73	95	73	119	44	101	62	93	73	94	34	98	56	95	14
13	ZAM 180033	ZAM180033	DDJ 100056	ZAM 090059	8	1.0								110	75	95	74	111	74	100	72	95	43	103	62	102	74	109	36	104	57	97	14
14	ZAM 180108	ZAM180108	FCT 120194	ZAM 120049	7	0.5								109	78	90	75	108	76	108	76	108	47	104	65	95	76	76	37	97	59	83	20
15	ZAM 180111	ZAM180111	FCT 120194	ZAM 130038	7	1.1								111	76	88	74	104	75	117	75	103	48	100	64	94	75	66	36	92	58	74	25
16	ZAM 180132	ZAM180132	ZAM 160053	ZAM 150252	7	1.4								121	76	100	74	85	72	125	74	90	47	106	63	109	74	94	35	103	57	99	15
17	ZAM 180135	ZAM180135	ZAM 140155	ZAM 120028	7	1.4								117	76	89	67	87	73	134	75	100	44	101	61	96	70	88	36	97	56	90	18
18	ZAM 180145	ZAM180145	ZAM 160053	ZAM 150190	7	1.5								110	74	99	73	103	71	118	74	85	45	103	62	110	73	89	36	100	57	97	16
19	ZAM 180192	ZAM180192	ZAM 160053	ZAM 150165	7	1.2								107	75	110	74	80	74	112	74	87	46	100	63	108	74	85	38	96	58	95	16
20	ZAM 180272	ZAM180272	AG 110493	ZAM 081019	7	0.0								111	75	97	73	98	73	126	74	98	44	107	62	107	73	92	37	104	57	97	20
21	ZAM 190013	ZAM190013	FCT 120194	ZAM 130121	7	1.0								102	75	95	73	93	70	112	73	112	45	100	62	93	73	80	36	95	57	77	18
22	ZAM 190107	ZAM190107	ZAM 120094	ZAM 160042	8	2.5								121	72	89	71	90	67	111	71	107	45	101	60	91	70	70	34	93	55	73	22
23	ZAM 190115	ZAM190115	ZAM 150149	ZAM 120084	8	2.3								101	74	104	74	101	71	98	73	110	46	109	63	104	73	94	36	105	58	94	21
24	ZAM 190127	ZAM190127	ZAM 140155	ZAM 120016	7	1.3								77	75	118	74	98	73	90	74	101	47	103	63	109	74	100	38	102	58	106	18
25	ZAM 190192	ZAM190192	LFR 160001	ZAM 140110	6	1.3								105	76	105	73	104	70	116	75	92	50	109	63	114	73	94	38	106	58	103	46
26	ZAM 190240	ZAM190240	ZAM 170104	ZAM 170018	6	1.2								78	68	128	69	105	58	90	68	84	42	109	57	127	67	118	32	111	52	124	18
27	ZAM 200011	ZAM200011	ZAM 160053	ZAM 120067	7	2.8								113	73	98	73	88	69	120	73	98	46	103	62	102	72	90	34	99	56	92	17
28	ZAM 200041	ZAM200041	ZAM 160053	ZAM 150235	7	1.3								87	75	116	73	104	69	94	73	97	46	108	62	115	72	95	34	105	56	107	17
29	ZAM 200045	ZAM200045	ZAM 160053	ZAM 150210	7	1.1								102	74	106	72	92	68	103	73	102	44	104	61	104	72	90	32	100	55	98	12
30	ZAM 200049	ZAM200049	ZAM 160053	ZAM 150281	6	3.7								106	75	100	72	99	68	128	73	78	45	100	61	112	72	84	36	95	56	97	16

Selection List on Cow Value
Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc											
										★★★★☆																					
31	ZAM 200063	ZAM200063	ZAM 160053	ZAM 150223	7	1.5					95	74	107	72	113	67	95	73	84	46	100	61	110	71	99	36	99	56	105	18	
32	ZAM 200093	ZAM200093	ZAM 160130	ZAM 170124	6	2.8					100	73	112	71	102	64	95	71	96	43	109	60	114	70	86	35	104	55	93	19	
33	ZAM 200113	ZAM200113	LFR 160001	ZAM 130139	7	1.5					104	75	105	73	99	70	98	74	104	49	108	63	106	73	101	40	106	58	104	45	
34	ZAM 200127	ZAM200127	LTS 150100	ZAM 160196	6	0.7					110	74	105	73	97	69	100	73	87	45	101	62	108	72	91	42	98	58	95	33	
35	ZAM 200138	ZAM200138	LFR 160001	ZAM 170032	6	1.2					97	75	105	73	114	69	107	74	93	49	109	63	115	73	96	40	106	58	98	45	
36	ZAM 200152	ZAM200152	LTS 150100	ZAM 160143	8	0.7					70	73	112	71	106	63	102	71	111	43	105	60	105	70	99	40	103	56	103	32	
37	ZAM 200161	ZAM200161	ZAM 160026	ZAM 160131	6	0.8					79	71	117	70	105	64	88	70	96	41	103	59	112	69	113	32	105	54	115	16	
38	ZAM 200186	ZAM200186	ZAM 160026	ZAM 160090	6	0.7					105	73	103	71	97	65	104	70	107	41	108	59	105	70	104	30	107	53	108	16	
39	ZAM 200212	ZAM200212	ZAM 160130	ZAM 170087	7	1.2					86	74	114	72	100	67	94	72	101	43	105	61	109	71	101	34	104	56	108	14	
40	ZAM 210021	ZAM210021	LTS 150100	ZAM 180108	8	0.6					101	73	103	72	99	68	105	73	109	43	109	61	104	71	89	41	105	57	94	32	
41	ZAM 210027	ZAM210027	LFR 160001	ZAM 180203	7	0.5					127	74	83	72	95	65	130	72	99	49	102	61	95	71	92	40	99	57	92	49	
42	ZAM 210029	ZAM210029	LTS 150100	ZAM 180135	7	0.7					110	72	101	70	79	62	129	71	98	43	103	59	103	69	93	41	100	55	95	32	
43	ZAM 210052	ZAM210052	ZAM 140155	ZAM 140130	8	2.0					73	73	114	71	115	63	95	71	93	45	102	60	112	70	108	34	103	55	110	18	
44	ZAM 210070	ZAM210070	LTS 150100	ZAM 150220	7	0.6					79	73	111	72	86	64	102	71	115	44	102	60	99	71	107	44	102	57	106	31	
45	ZAM 210083	ZAM210083	ZAM 170104	ZAM 170018	7	1.2					78	70	122	71	102	64	97	70	93	41	107	59	119	69	117	32	109	54	122	18	
46	ZAM 210115	ZAM210115	DAJ 110069	ZAM 150009	7	0.5					78	74	114	72	117	67	94	73	83	50	100	62	115	72	115	41	103	58	112	42	
47	ZAM 210122	ZAM210122	ZAM 160130	ZAM 160012	7	5.1					95	72	115	70	101	61	86	69	98	41	107	58	112	69	105	32	107	53	107	10	
48	ZAM 210134	ZAM210134	ZAM 170104	ZAM 160102	6	5.3					112	71	105	69	84	58	108	68	96	42	103	57	104	67	95	36	100	53	108	21	
49	ZAM 210142	ZAM210142	ZAM 140155	ZAM 120229	7	0.7					109	72	97	72	90	65	114	71	109	43	105	60	98	70	92	33	101	55	90	16	
50	ZAM 220022	ZAM220022	LFR 150032	ZAM 130033	7	0.7					94	72	97	72	115	66	109	72	95	45	101	61	104	71	106	38	101	56	102	40	
51	ZAM 220025	ZAM220025	LFR 160061	ZAM 180027	6	1.3					93	74	104	72	86	65	101	58	116	47	102	60	96	69	102	40	101	56	102	46	
52	ZAM 220044	ZAM220044	LFR 160061	ZAM 160001	7	1.8					111	72	97	71	76	66	110	72	115	46	100	60	89	70	99	42	99	56	100	46	
53	ZAM 220045	ZAM220045	LFR 160061	ZAM 180052	8	1.5	HH(c)	0	0	0		111	89	97	89	75	88	111	89	125	86	105	81	90	89	87	86	101	82	92	86
54	ZAM 220062	ZAM220062	LFR 150032	ZAM 190126	7	0.9					81	71	112	70	104	62	98	71	95	43	101	59	110	69	110	37	102	55	103	38	
55	ZAM 220077	ZAM220077	ZAM 180023	ZAM 140063	1.1	HH(c)	0	0	0		80	88	113	87	105	85	94	85	112	83	109	79	109	87	93	84	106	80	102	82	
56	ZAM 220083	ZAM220083	LFR 150032	ZAM 190192	7	2.6					103	72	105	71	95	64	116	71	91	45	104	60	110	70	107	38	104	56	105	45	
57	ZAM 220089	ZAM220089	ZAM 180023	ZAM 170147	0.7						111	64	101	66	94	46	104	47	98	34	103	50	102	60	85	31	99	46	94	16	
58	ZAM 220107	ZAM220107	BBM 130156	ZAM 180108	6	3.0					110	72	101	72	98	64	100	71	104	42	107	60	103	70	73	32	99	54	86	37	
59	ZAM 220128	ZAM220128	ZAM 180023	ZAM 150170	0.6						101	66	101	67	100	51	92	48	111	34	103	51	96	62	84	34	98	48	99	19	
60	ZAM 220135	ZAM220135	ZAM 180026	ZAM 140249	6	1.4					100	70	93	61	106	59	120	68	101	38	102	54	100	63	87	34	98	50	89	22	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Q204X	n1821	F94L	Genomic test	Calving Ease Value	Acc	Calf Growth Value	Acc	Milk Value	Acc	Maint. Value	Acc	Fertility Value	Acc	Cow Value	Acc	Weaner Calf Value	Acc	Growth Value	Acc	Prod Value	Acc	Carcass Value	Acc
						Italics: DNA Test								★★★★☆																			
61	ZAM 230017	ZAM230017	JRB 170127	ZAM 180011	7	0.8								105	68	97	58	97	50	102	52	108	36	102	49	96	57	92	28	99	45	96	12
62	ZAM 230031	ZAM230031	JRB 170127	ZAM 200018	7	0.8	HH(c)	0	0	0				97	88	103	87	100	85	106	86	100	84	103	79	105	87	92	84	100	80	98	83
63	ZAM 230054	ZAM230054	LAR 180306	ZAM 170110	7	1.3								96	68	110	69	99	51	109	51	91	36	105	53	114	63	104	32	105	49	91	40
64	ZAM 230089	ZAM230089	ZAM 190146	ZAM 200012	7	0.5								129	64	96	67	82	44	110	44	105	31	107	49	99	59	90	29	103	45	91	18
65	ZAM 230095	ZAM230095	CEF 190341	ZAM 130074	6	1.0	HH(c)	0	0	0				97	89	112	89	82	87	104	87	109	85	108	81	107	88	85	86	102	82	91	85
66	ZAM 230108	ZAM230108	LFR 190008	ZAM 140173	7	0.5								80	69	103	71	111	55	105	48	104	37	101	54	103	65	101	38	100	51	105	34
67	ZAM 230129	ZAM230129	ZAM 190081	ZAM 200097	6	2.7	HH(c)	0	0	0				106	88	104	88	90	85	98	85	97	84	100	79	100	87	107	84	101	80	118	84
68	ZAM 230131	ZAM230131	LFR 190008	ZAM 160042	7	1.2								117	69	93	71	100	56	99	49	103	38	101	55	94	65	93	38	98	52	97	34
69	ZAM 230142	ZAM230142	ZAM 190081	ZAM 200209	7	4.6								83	65	111	67	112	45	93	45	98	31	105	49	110	60	105	26	104	44	109	8
70	ZAM 230145	ZAM230145	ZAM 190081	ZAM 200186	6	2.1								114	66	96	67	97	45	104	45	109	30	106	49	98	60	101	26	105	44	106	10
71	ZAM 230147	ZAM230147	ZAM 190208	ZAM 170094	6	0.4								96	67	104	68	108	49	100	47	96	34	102	51	106	62	92	27	99	46	96	22
72	ZAM 230148	ZAM230148	ZAM 190146	ZAM 200149	7	4.1	HH(c)	0	0	0				115	88	102	88	93	85	97	85	100	84	104	79	101	87	85	84	99	80	95	83
73	ZAM 230156	ZAM230156	ZAM 190024	ZAM 190107	7	1.6	HH(c)	0	0	0				110	88	98	88	93	85	103	85	111	84	106	79	97	87	80	84	100	80	90	83
74	ZAM 230160	ZAM230160	ZAM 190081	ZAM 200226	6	3.6								108	66	98	67	96	45	102	46	102	31	100	50	97	60	96	26	99	45	98	8
75	ZAM 230162	ZAM230162	ZAM 190146	ZAM 200030	7	2.8								103	64	105	67	91	44	99	44	104	31	103	49	101	59	97	26	101	44	97	12
76	ZAM 230174	ZAM230174	ZAM 190208	ZAM 150048	7	0.3	HH(c)	0	0	0				77	87	123	88	101	85	79	84	95	83	102	79	116	87	108	83	103	80	116	82
77	ZAM 230191	ZAM230191	ZAM 180026	ZAM 170016	6	0.4								102	67	91	65	120	48	102	49	105	32	104	50	97	60	98	30	102	46	107	21
78	ZAM 240016	ZAM240016	LFR 190008	ZAM 190243	7	0.9								126	68	99	70	89	51	101	47	106	36	109	53	101	63	93	35	105	49	102	32
79	ZAM 240028	ZAM240028	LFR 190008	ZAM 190193	7	1.0								115	68	98	70	87	51	105	47	112	36	105	53	97	63	100	36	104	50	101	32
80	ZAM 240043	ZAM240043	LFR 160001	ZAM 150049	6	0.3								119	71	94	71	104	61	113	60	97	44	108	58	105	68	94	38	105	54	97	44
81	ZAM 240046	ZAM240046	ZAM 200089	ZAM 180215	7	1.3								78	66	120	67	99	48	97	47	100	34	107	51	115	61	95	30	104	47	105	24
82	ZAM 240053	ZAM240053	ZAM 200089	ZAM 170110	7	1.3								96	66	106	67	105	48	113	47	91	34	106	51	113	61	86	30	101	47	92	26
83	ZAM 240071	ZAM240071	ZAM 200089	ZAM 190207	6	4.7								80	64	122	66	100	42	96	46	95	33	109	49	120	59	94	30	106	45	100	24
84	ZAM 240091	ZAM240091	ZAM 200089	ZAM 180135	6	2.0								104	66	100	66	97	48	126	48	100	34	109	50	109	60	91	30	105	46	98	24
85	ZAM 240103	ZAM240103	ZAM 190024	ZAM 210083	7	1.1								87	65	111	66	100	45	101	45	108	31	108	49	108	59	111	27	109	45	115	11
86	ZAM 240114	ZAM240114	ZAM 190024	ZAM 210041	6	5.7								83	65	112	66	92	44	101	45	110	32	105	49	105	59	101	30	104	45	104	17
87	ZAM 240117	ZAM240117	ZAM 190024	ZAM 210123	6	2.8								78	65	112	66	102	45	99	46	110	33	107	49	108	59	102	28	106	45	103	10
88	ZAM 240131	ZAM240131	LFR 190008	ZAM 150013	6	0.5								100	69	102	70	87	55	92	49	116	36	100	54	92	65	101	36	100	50	101	32
89	ZAM 240144	ZAM240144	CEF 200410	ZAM 180027	7	0.9								86	67	109	69	101	50	91	46	112	34	105	52	102	62	98	34	103	48	99	34

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
									Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																							
										★★★★																			
1	ZAM 130074	ZAM130074	ZAM 100016	ZAM 060076	7	5.6				108	82	99	81	88	85	104	79	89	53	92	70	96	82	67	40	84	64	78	10
2	ZAM 130208	ZAM130208	ZAM 060006	ZAM 080249	7	0.0				96	80	90	77	109	82	97	76	106	48	93	67	88	78	89	38	91	61	92	8
3	ZAM 140030	ZAM140030	AG 060051	ZAM 030229	6	0.0				97	76	93	73	91	77	120	74	102	45	93	63	90	74	73	36	87	58	81	20
4	ZAM 140173	ZAM140173	FCT 110316	ZAM 081019	8	0.0				96	79	90	77	115	81	108	75	92	47	92	66	92	78	99	42	91	61	100	22
5	ZAM 150034	ZAM150034	ZAM 110134	ZAM 060259	7	0.0				105	78	92	76	90	80	100	73	111	45	92	65	84	77	97	34	92	59	93	5
6	ZAM 150049	ZAM150049	ZAM 110134	ZAM 030229	5	0.0				115	78	93	75	94	79	97	73	106	45	98	64	91	76	94	34	96	58	93	5
7	ZAM 150109	ZAM150109	ZAM 110134	ZAM 040108	7	2.1				99	78	105	75	88	74	91	75	96	50	93	65	97	75	94	32	91	58	97	8
8	ZAM 150151	ZAM150151	WVZ 110021	ZAM 120143	6	0.0				103	79	99	75	67	77	100	74	115	49	91	65	82	76	93	40	89	60	92	29
9	ZAM 150170	ZAM150170	WVZ 110021	ZAM 070553	7	0.0				93	78	96	74	100	77	91	73	115	45	95	64	87	75	85	42	92	60	97	27
10	ZAM 150235	ZAM150235	AG 110493	ZAM 070127	7	4.0				74	79	115	76	108	78	87	76	83	51	92	66	108	77	103	39	93	61	106	24
11	ZAM 160039	ZAM160039	JRB 080062	ZAM 110130	7	2.4				105	78	106	76	90	77	96	75	84	52	92	66	102	76	83	38	89	60	84	23
12	ZAM 160042	ZAM160042	DDJ 080281	ZAM 060076	7	1.3				109	81	95	79	101	83	93	79	88	53	90	69	94	80	86	43	87	64	89	23
13	ZAM 160067	ZAM160067	WVZ 110021	ZAM 120004	7	0.6				85	79	103	75	90	75	94	74	107	48	91	65	89	75	85	42	88	60	90	28
14	ZAM 160089	ZAM160089	FCT 120194	ZAM 070450	7	0.0				100	76	76	74	104	77	128	74	113	45	90	64	78	75	74	35	84	58	76	16
15	ZAM 160171	ZAM160171	ZAM 130013	ZAM 130199	8	2.9				102	80	93	76	78	78	102	75	117	51	90	66	79	77	82	42	86	61	86	29
16	ZAM 160196	ZAM160196	DDJ 080281	ZAM 110028	7	0.4				94	80	105	77	89	79	100	78	89	53	90	67	98	78	88	43	88	62	90	24
17	ZAM 170010	ZAM170010	AG 110493	ZAM 090035	8	1.1				93	78	102	77	103	79	110	75	86	48	94	66	105	77	90	44	92	62	95	26
18	ZAM 170038	ZAM170038	DDJ 070221	ZAM 110494	7	1.5				114	77	93	75	66	76	103	75	114	50	90	65	79	75	88	43	87	61	94	35
19	ZAM 170076	ZAM170076	ZAM 130013	ZAM 120016	7	0.5				81	78	109	76	82	77	101	76	115	51	97	66	95	76	91	38	94	60	93	26
20	ZAM 170084	ZAM170084	ZAM 110061	ZAM 081019	7	0.0				84	78	102	75	110	78	92	76	99	47	95	65	99	76	83	34	91	59	84	12
21	ZAM 170188	ZAM170188	ZAM 130016	ZAM 120008	8	2.2				84	76	100	74	87	74	101	73	118	47	93	63	85	74	93	36	91	58	94	24
22	ZAM 170202	ZAM170202	ZAM 130013	ZAM 080435	7	0.0				90	75	91	72	91	72	94	74	135	45	96	62	76	73	84	38	92	57	90	22
23	ZAM 180011	ZAM180011	ZAM 140155	ZAM 130177	7	1.2				90	76	99	73	92	71	91	74	110	46	90	63	85	73	94	36	89	58	97	14
24	ZAM 180028	ZAM180028	ZAM 130016	ZAM 120199	6	1.6				113	76	98	75	80	76	112	73	101	46	98	64	95	75	95	36	96	58	89	21
25	ZAM 180052	ZAM180052	AG 110493	ZAM 120132	6	0.8				119	77	96	75	82	75	114	75	94	49	97	65	97	75	92	36	95	59	87	22
26	ZAM 180061	ZAM180061	ZAM 110061	ZAM 060076	6	3.8				101	79	96	76	108	76	100	75	94	50	96	66	99	76	68	36	88	60	75	14
27	ZAM 180144	ZAM180144	AG 110493	ZAM 150121	7	0.5				102	75	107	73	100	71	104	73	69	47	93	63	111	73	102	38	93	58	101	22
28	ZAM 180160	ZAM180160	ZAM 160053	ZAM 150228	7	1.1				125	75	92	73	77	74	117	74	102	42	99	62	92	73	77	33	93	56	86	12
29	ZAM 180163	ZAM180163	ZAM 160053	ZAM 150211	7	1.3				102	76	100	73	83	71	121	74	97	46	97	63	98	73	85	36	93	58	93	16
30	ZAM 180201	ZAM180201	JRB 080062	ZAM 150131	6	1.8				102	75	100	73	84	72	112	75	99	49	94	63	94	73	95	32	93	57	88	20

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc											
						Italics: DNA Test						★★★★																				
31	ZAM	180212	ZAM180212	ZAM 140155	ZAM 130074	6	1.4					88	77	108	75	103	73	95	74	85	47	93	64	104	75	90	38	90	59	98	14	
32	ZAM	180215	ZAM180215	ZAM 140155	ZAM 150025	6	4.2					75	76	116	74	91	74	89	74	102	47	96	64	102	74	97	34	95	58	101	16	
33	ZAM	180249	ZAM180249	AG 110493	ZAM 100022	6	0.8					82	76	111	74	113	73	95	74	80	49	96	64	112	74	89	37	93	59	93	24	
34	ZAM	190027	ZAM190027	ZAM 150149	ZAM 120022	7	2.5					89	72	104	72	97	66	96	71	93	43	90	60	96	71	93	34	88	55	95	9	
35	ZAM	190049	ZAM190049	ZAM 160053	ZAM 150055	7	1.1					106	75	100	74	86	72	104	73	91	45	92	63	95	73	85	34	88	57	94	12	
36	ZAM	190057	ZAM190057	FCT 120194	ZAM 130174	7	1.7					74	75	100	73	102	70	120	73	108	46	97	62	96	73	76	36	91	57	81	21	
37	ZAM	190157	ZAM190157	LFR 160001	ZAM 160013	6	0.5					100	76	99	74	90	70	113	74	102	49	98	63	96	74	97	40	97	58	106	47	
38	ZAM	190180	ZAM190180	ZAM 160144	ZAM 160196	6	1.5					110	72	98	71	87	66	99	71	99	44	94	60	93	70	89	34	91	55	93	17	
39	ZAM	190191	ZAM190191	ZAM 160053	ZAM 150138	6	1.1					93	75	110	72	84	68	113	73	92	48	97	62	105	72	89	36	94	57	95	22	
40	ZAM	190193	ZAM190193	ZAM 150149	ZAM 120066	8	4.1					100	74	98	73	79	70	109	72	108	44	92	62	88	72	94	35	91	57	90	16	
41	ZAM	190242	ZAM190242	DAJ 110069	ZAM 060128	6	0.0					104	76	91	73	105	74	92	74	102	47	92	63	87	74	95	42	91	59	91	40	
42	ZAM	190243	ZAM190243	ZAM 160144	ZAM 150017	8	2.9					108	73	100	72	88	69	102	72	96	44	95	61	96	72	84	31	91	55	93	14	
43	ZAM	190262	ZAM190262	ZAM 140155	ZAM 090009	6	2.8					92	76	97	67	108	72	103	74	89	44	91	61	96	70	98	39	90	57	98	20	
44	ZAM	200012	ZAM200012	LTS 150100	ZAM 170048	6	0.6					118	73	91	72	77	68	131	73	90	44	92	61	93	71	93	41	90	57	92	33	
45	ZAM	200019	ZAM200019	ZAM 160053	FCT 090186	8	0.8					95	76	92	74	98	66	105	71	104	49	90	62	87	72	88	40	88	58	80	27	
46	ZAM	200058	ZAM200058	LFR 160001	ZAM 160042	6	0.7					125	75	93	74	102	71	100	74	86	49	98	63	99	74	89	40	95	58	98	46	
47	ZAM	200062	ZAM200062	LFR 160001	ZAM 160047	7	0.9					101	75	97	73	112	70	108	74	83	48	96	63	104	73	88	39	93	58	98	45	
48	ZAM	200072	ZAM200072	ZAM 160053	ZAM 120099	6	1.4					117	75	91	74	79	73	114	74	103	47	94	63	88	74	77	36	88	58	81	23	
49	ZAM	200108	ZAM200108	ZAM 160130	ZAM 170198	6	4.2					97	72	107	72	96	66	97	72	86	43	94	60	104	71	94	34	92	55	100	19	
50	ZAM	200135	ZAM200135	LFR 160001	ZAM 120016	7	1.3					97	75	105	74	83	71	118	75	93	50	97	64	103	74	95	40	95	59	96	46	
51	ZAM	200177	ZAM200177	ZAM 160026	ZAM 160064	6	1.3					80	73	116	70	87	65	101	70	95	41	97	59	106	69	90	30	94	53	100	16	
52	ZAM	200226	ZAM200226	ZAM 160130	ZAM 170076	6	1.8					96	72	109	71	94	66	97	72	92	42	98	60	105	70	97	31	97	54	96	14	
53	ZAM	210006	ZAM210006	LFR 160001	ZAM 180110	7	1.4					99	72	97	69	99	63	128	72	83	48	95	60	104	69	87	37	91	55	89	45	
54	ZAM	210013	ZAM210013	LTS 150100	ZAM 180111	7	0.7					93	73	100	71	92	63	114	71	101	43	96	60	97	70	81	40	92	56	86	33	
55	ZAM	210041	ZAM210041	LTS 150100	ZAM 180201	6	0.4					89	73	107	71	88	62	105	71	99	44	96	60	99	70	97	40	95	56	95	32	
56	ZAM	210044	ZAM210044	LFR 160001	ZAM 170072	6	1.2					111	72	102	72	89	66	115	72	87	48	99	61	105	71	83	40	95	57	86	46	
57	ZAM	210123	ZAM210123	ZAM 140155	ZAM 140249	7	3.9					75	73	108	71	107	64	99	71	98	46	96	60	102	70	97	34	95	55	92	16	
58	ZAM	220056	ZAM220056	BBM 130156	ZAM 190010	7	1.0					95	71	103	71	84	63	129	71	90	44	95	59	104	69	76	32	90	54	84	38	
59	ZAM	220059	ZAM220059	ZAM 180023	ZAM 170249		1.8					91	66	108	67	91	50	97	48	103	35	99	51	100	61	84	34	95	48	99	22	
60	ZAM	220073	ZAM220073	ZAM 180023	ZAM 170110		1.0	HH(c)	0	0	0		84	88	109	88	98	86	111	87	75	84	90	80	107	88	72	84	84	81	86	82

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID												Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★																			
61	ZAM 220101	ZAM220101	LAR 180306	ZAM 160123	7	0.9						94	70	109	71	89	60	94	68	90	35	93	57	102	68	107	32	95	52	98	38
62	ZAM 230028	ZAM230028	ZAM 190208	ZAM 150127	7	1.0						95	67	98	58	103	48	98	47	103	35	96	48	94	56	103	29	97	44	106	21
63	ZAM 230030	ZAM230030	ZAM 190208	ZAM 180132	7	1.0						114	67	100	59	95	48	102	47	82	35	94	48	102	57	98	28	94	44	102	21
64	ZAM 230035	ZAM230035	ZAM 190208	ZAM 180105	6	1.3						82	69	109	58	105	47	91	47	83	34	90	48	105	56	103	28	91	44	95	21
65	ZAM 230126	ZAM230126	ZAM 170005	ZAM 170239	7	1.9						85	66	109	68	92	50	101	48	89	34	91	51	101	62	86	30	88	47	96	16
66	ZAM 230134	ZAM230134	ZAM 190208	ZAM 180249	8	0.7						81	67	114	69	109	49	89	47	77	35	92	52	110	62	97	29	91	47	101	23
67	ZAM 230135	ZAM230135	ZAM 190081	ZAM 200130	6	2.7						103	64	94	55	92	39	110	39	98	30	92	44	91	51	94	26	91	40	95	8
68	ZAM 230140	ZAM230140	ZAM 190081	ZAM 200181	8	3.7	HH(c)	0	0	0		108	88	85	88	98	86	123	86	102	84	94	80	89	87	85	84	90	81	95	83
69	ZAM 230152	ZAM230152	ZAM 190208	ZAM 140182	8	1.1	HH(c)	0	0	0		77	88	110	88	102	86	90	85	90	84	90	80	101	87	100	84	90	81	94	83
70	ZAM 230165	ZAM230165	ZAM 180026	ZAM 170198	7	13.6						103	67	97	68	93	51	109	51	98	37	95	53	95	63	90	35	92	49	100	26
71	ZAM 230170	ZAM230170	ZAM 190208	ZAM 180145	7	0.9	HH(c)	0	0	0		95	88	110	89	113	86	90	86	78	84	99	80	114	88	107	84	100	81	115	84
72	ZAM 230184	ZAM230184	ZAM 190081	ZAM 200145	6	4.2						111	66	92	67	101	45	105	46	97	33	97	50	94	60	96	29	96	46	100	23
73	ZAM 230187	ZAM230187	ZAM 180026	ZAM 190188	7	1.0						96	67	97	68	103	49	112	50	96	36	97	52	98	62	101	34	97	48	108	30
74	ZAM 230193	ZAM230193	ZAM 180026	ZAM 190157	6	0.8						101	67	94	68	90	49	114	50	98	37	92	52	90	62	94	34	90	48	105	31
75	ZAM 240009	ZAM240009	LFR 160001	ZAM 150033	6	0.6						116	71	89	71	106	62	121	60	81	46	95	58	101	68	86	39	92	54	86	44
76	ZAM 240048	ZAM240048	ZAM 200089	ZAM 190003	7	1.2						78	65	116	67	103	47	93	47	84	34	95	50	110	60	98	30	94	46	103	24
77	ZAM 240056	ZAM240056	ZAM 170005	ZAM 150009	6	2.2						71	68	108	69	111	52	102	50	87	37	92	53	104	63	99	32	92	49	104	18
78	ZAM 240141	ZAM240141	ZAM 200089	ZAM 150078	6	1.5						96	67	103	68	106	50	106	48	89	36	99	52	107	62	85	31	95	48	90	24
												★★★★☆																			
1	ZAM 130199	ZAM130199	PAD 080159	ZAM 050061	7	0.6						97	81	96	79	97	82	94	79	90	56	83	69	88	80	71	46	78	64	76	38
2	ZAM 150013	ZAM150013	ZAM 110134	ZAM 120194	7	13.4						88	80	102	74	76	82	85	77	117	45	86	65	79	77	98	34	86	59	93	6
3	ZAM 160013	ZAM160013	WVZ 110021	FCT 120016	7	0.6						93	81	96	77	65	78	107	76	122	48	87	66	76	78	96	40	86	61	96	32
4	ZAM 160047	ZAM160047	ZAM 110061	ZAM 070570	7	0.0						91	78	95	75	118	78	93	75	85	47	88	65	96	76	86	33	85	59	88	12
5	ZAM 160122	ZAM160122	ZAM 130013	ZAM 110856	7	0.5						100	72	88	68	74	75	110	74	122	44	87	61	73	71	91	38	86	56	89	24
6	ZAM 160231	ZAM160231	DDJ 080281	ZAM 060111	7	1.0						95	78	103	76	62	76	114	75	96	51	82	66	87	76	88	43	80	61	93	24
7	ZAM 170048	ZAM170048	DDJ 080281	ZAM 050481	6	0.0						103	77	92	74	80	76	126	76	81	47	80	64	89	75	95	38	80	59	93	22
8	ZAM 170072	ZAM170072	ZAM 110061	ZAM 120128	7	0.7						105	77	94	75	89	75	111	76	78	51	81	65	91	75	72	38	76	60	68	22
9	ZAM 170090	ZAM170090	AG 110493	ZAM 070570	7	0.0						77	74	104	73	128	75	93	73	71	45	87	63	106	73	106	32	89	57	108	20

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
														Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						★★★★★																											
10	ZAM 170154	ZAM170154	DDJ 080281	ZAM 060553	8	0.0								90	76	91	74	103	76	113	74	81	46	80	64	89	74	100	37	81	59	103	22
11	ZAM 170249	ZAM170249	DDJ 070221	ZAM 080200	7	0.0								90	76	97	74	84	75	108	74	99	47	83	64	85	74	85	42	81	60	94	35
12	ZAM 180015	ZAM180015	AG 110341	ZAM 140017	6	0.5								105	75	102	60	79	58	109	71	73	42	81	55	96	63	88	36	80	51	94	25
13	ZAM 180027	ZAM180027	ZAM 130016	ZAM 120201	8	1.2								75	76	105	74	94	74	94	73	90	47	80	63	90	74	91	34	79	57	86	22
14	ZAM 180042	ZAM180042	ZAM 110061	ZAM 110158	7	2.0								93	76	106	74	99	72	90	74	81	48	88	63	100	74	86	35	85	57	82	17
15	ZAM 180083	ZAM180083	DDJ 100056	ZAM 150138	6	1.0								85	74	104	73	79	73	100	73	94	45	81	62	87	73	99	37	82	57	88	22
16	ZAM 180105	ZAM180105	DDJ 100056	ZAM 150119	6	1.3								95	76	99	71	100	70	95	72	90	44	87	61	93	72	104	35	89	56	86	15
17	ZAM 180183	ZAM180183	ZAM 110061	FCT 100103	7	0.3								107	77	98	76	84	73	107	74	79	50	83	65	94	75	79	39	80	60	81	22
18	ZAM 180213	ZAM180213	ZAM 160053	ZAM 150225	8	3.0								96	75	105	74	93	72	102	74	81	46	89	63	100	74	98	32	89	57	102	14
19	ZAM 180227	ZAM180227	ZAM 160144	ZAM 150160	6	2.7								93	74	101	69	93	64	88	70	91	44	84	59	88	69	90	32	83	54	91	16
20	ZAM 180248	ZAM180248	ZAM 140155	ZAM 060208	7	0.0								120	75	78	73	86	72	110	73	101	43	82	62	73	73	95	33	82	56	93	14
21	ZAM 180284	ZAM180284	FCT 120194	ZAM 140064	6	0.2								83	75	98	74	81	74	104	73	107	45	83	63	82	74	87	36	81	58	79	16
22	ZAM 190054	ZAM190054	DAJ 110069	ZAM 140027	8	0.6								83	75	105	74	111	73	90	75	83	50	88	64	101	74	96	41	88	59	92	40
23	ZAM 190070	ZAM190070	ZAM 110061	FCT 090206	6	0.4								83	76	111	73	82	70	97	75	79	48	80	63	98	73	94	42	81	59	86	23
24	ZAM 190132	ZAM190132	DAJ 110069	ZAM 140030	6	0.6								81	75	98	74	103	73	113	75	82	49	83	64	95	74	87	42	81	60	87	40
25	ZAM 190137	ZAM190137	DAJ 110069	ZAM 110168	7	0.4								86	73	98	72	95	67	103	73	88	52	81	62	90	71	92	42	81	58	84	42
26	ZAM 200030	ZAM200030	ZAM 140155	ZAM 130176	6	2.8								74	73	102	73	97	68	104	73	87	45	80	61	91	72	105	36	83	56	103	16
27	ZAM 200037	ZAM200037	DAJ 110069	ZAM 150009	7	0.5								76	74	104	73	113	71	100	74	79	50	86	63	102	73	105	40	88	58	106	42
28	ZAM 200137	ZAM200137	LTS 150100	ZAM 130002	6	0.7								99	73	97	73	72	68	124	73	102	44	89	61	89	72	87	44	87	58	86	32
29	ZAM 200171	ZAM200171	DAJ 110069	ZAM 130143	6	0.6								89	75	100	73	108	71	93	74	79	50	84	63	97	73	100	40	85	58	100	40
30	ZAM 200173	ZAM200173	ZAM 140155	ZAM 120084	7	1.8								120	75	88	73	82	69	112	73	96	48	89	62	85	73	93	37	88	57	89	24
31	ZAM 200174	ZAM200174	DAJ 110069	ZAM 120229	6	0.5								101	74	92	74	91	71	108	74	93	50	85	63	86	73	90	39	83	58	83	40
32	ZAM 210049	ZAM210049	LTS 150100	ZAM 140209	6	0.3								115	72	95	70	66	58	114	57	99	42	87	57	85	66	85	44	85	54	81	31
33	ZAM 210110	ZAM210110	ZAM 170005	ZAM 150013	7	1.4								74	72	105	70	85	60	100	67	95	40	80	58	88	68	90	31	79	53	91	14
34	ZAM 220082	ZAM220082	BBM 130156	ZAM 190070	7	1.1								105	72	102	71	80	63	110	71	86	44	89	60	97	70	80	34	85	55	82	38
35	ZAM 220091	ZAM220091	ZAM 180026	ZAM 150033	7	2.4								116	70	89	70	89	60	105	68	89	40	86	57	86	68	86	34	83	52	88	21
36	ZAM 230044	ZAM230044	ZAM 190208	ZAM 140210	7	0.5								76	68	115	60	98	50	94	47	79	35	88	49	106	58	103	30	89	45	104	25
37	ZAM 230047	ZAM230047	ZAM 190208	ZAM 170048	7	0.3								84	70	104	59	95	49	103	48	79	35	81	49	97	57	98	30	82	45	99	22
38	ZAM 230048	ZAM230048	ZAM 190208	ZAM 150078	6	1.9								94	68	102	59	105	50	97	48	76	36	86	49	100	57	89	29	84	45	91	21
39	ZAM 230049	ZAM230049	ZAM 190208	ZAM 180287	6	0.9								88	67	102	59	89	48	96	47	87	35	80	48	89	57	95	28	80	44	100	22

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test																									
											★★★★																			
40	ZAM 230068	ZAM230068	ZAM 190208	ZAM 160171	6	0.5					95	69	101	69	93	51	96	48	95	36	89	53	93	63	91	31	87	49	94	24
41	ZAM 230097	ZAM230097	ZAM 190208	ZAM 130199	8	0.6	HH(c)	0	0	0	83	88	114	88	95	86	80	86	83	84	87	80	105	87	86	84	84	81	93	84
42	ZAM 230124	ZAM230124	ZAM 190208	ZAM 180227	7	1.0					76	67	110	68	103	46	85	46	83	34	84	51	98	61	98	28	84	46	97	22
43	ZAM 230139	ZAM230139	ZAM 190081	ZAM 200102	7	3.1					101	66	97	67	91	46	97	46	99	33	89	50	88	60	89	28	87	46	94	12
44	ZAM 230182	ZAM230182	ZAM 180026	ZAM 160123	7	1.6					107	67	92	68	87	51	101	49	86	35	80	52	84	62	88	31	79	48	94	21
											★★★																			
1	ZAM 140210	ZAM140210	FCT 110352	FCT 090139	8	1.8					72	80	110	77	86	78	99	74	84	49	78	66	92	77	104	37	81	60	103	30
2	ZAM 150033	ZAM150033	ZAM 100016	ZAM 060015	7	2.6					110	80	86	78	94	80	101	76	74	51	72	67	80	78	81	40	70	62	73	10
3	ZAM 150277	ZAM150277	AG 110493	ZAM 070057	7	0.7					84	79	104	77	92	79	93	75	82	50	78	66	90	77	101	42	80	61	100	20
4	ZAM 160001	ZAM160001	ZAM 100016	ZAM 090035	7	3.0					111	78	89	71	79	79	97	76	84	49	72	64	76	74	88	40	72	59	83	18
5	ZAM 160056	ZAM160056	JRB 080062	ZAM 040164	7	0.0					82	77	95	74	87	77	93	74	99	47	74	64	74	75	88	36	74	58	88	19
6	ZAM 160123	ZAM160123	ZAM 120058	ZAM 100100	7	5.2					91	77	103	75	87	76	86	73	79	44	74	64	89	75	88	30	74	57	87	10
7	ZAM 170053	ZAM170053	ZAM 130166	ZAM 090102	7	1.6					72	76	104	73	101	72	87	71	75	45	71	62	87	73	103	34	74	56	91	18
8	ZAM 170098	ZAM170098	DDJ 080281	ZAM 070311	7	0.0					94	73	91	72	72	72	126	74	87	46	73	62	80	72	86	40	72	58	81	22
9	ZAM 180101	ZAM180101	DDJ 080281	ZAM 060046	6	0.7					79	77	111	74	94	74	93	75	57	49	70	64	98	75	103	44	73	60	106	23
10	ZAM 180261	ZAM180261	DAJ 110069	ZAM 110149	7	0.4					97	75	99	74	88	71	96	75	78	51	77	64	90	74	94	40	77	59	90	42
11	ZAM 180287	ZAM180287	ZAM 140155	ZAM 110091	6	7.3					86	76	99	74	72	72	104	74	100	48	77	63	79	74	88	35	76	57	94	19
12	ZAM 190003	ZAM190003	ZAM 140155	ZAM 140138	6	1.2					77	75	107	74	98	71	88	74	70	46	72	63	93	73	101	34	75	57	96	16
13	ZAM 190010	ZAM190010	ZAM 140155	ZAM 130067	7	1.5					79	75	103	74	96	73	103	74	78	48	78	63	94	74	91	36	77	58	89	23
14	ZAM 190159	ZAM190159	DAJ 110069	ZAM 120098	6	0.7					92	75	103	74	101	71	98	75	65	51	79	64	100	74	93	42	79	60	92	44
15	ZAM 190202	ZAM190202	DAJ 110069	FCT 090033	8	0.6					92	75	98	74	78	68	119	74	81	52	77	63	89	73	92	45	77	59	86	46
16	ZAM 200092	ZAM200092	DAJ 110069	ZAM 150013	6	0.4					77	75	106	72	90	68	78	74	92	49	75	62	88	72	102	40	78	58	95	40
17	ZAM 200102	ZAM200102	ZAM 140155	ZAM 120126	7	1.9					97	75	98	73	82	68	97	73	86	47	78	62	85	72	80	38	75	57	86	23
18	ZAM 200181	ZAM200181	ZAM 140155	ZAM 110123	6	1.7					95	74	87	73	89	69	123	73	91	46	79	62	81	72	82	38	76	57	87	18
19	ZAM 220023	ZAM220023	LFR 150032	ZAM 140093	7	0.4					107	71	83	70	82	65	124	71	80	42	73	59	80	69	97	38	74	55	88	38
20	ZAM 220095	ZAM220095	ZAM 180026	ZAM 140002	6	1.7					106	70	90	69	93	60	97	68	86	39	79	57	82	67	86	34	77	52	90	21
21	ZAM 230069	ZAM230069	ZAM 190208	ZAM 180101	6	1.5					81	70	109	69	100	49	91	47	67	36	78	52	100	63	103	32	80	48	104	23
22	ZAM 240045	ZAM240045	ZAM 170005	ZAM 190010	7	5.5					76	66	110	68	88	49	101	48	74	36	77	52	97	62	89	30	76	48	93	18

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L			Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc											
					Italics: DNA Test					★★																					
23	ZAM 240064	ZAM240064	ZAM 170005	ZAM 190036	6	1.1					77	66	109	68	91	48	103	48	75	37	79	52	98	61	88	32	78	48	94	25	
24	ZAM 240087	ZAM240087	ZAM 170005	ZAM 140210	7	1.3					73	68	110	69	84	51	101	48	78	36	76	53	94	63	94	31	77	49	99	20	
										★★☆																					
1	ZAM 170079	ZAM170079	AG 110493	ZAM 130067	7	2.8					83	77	98	76	92	78	104	76	71	50	69	66	87	76	90	40	69	61	89	27	
2	ZAM 190129	ZAM190129	DAJ 110069	ZAM 110094	6	0.6					86	75	89	75	92	74	105	75	69	51	60	65	75	75	84	41	60	60	80	42	
3	ZAM 230188	ZAM230188	ZAM 180026	ZAM 150225	7	3.2	HH(c)	1	0	0		86	89	96	89	93	87	94	86	75	85	68	81	82	88	106	85	72	82	101	84

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L <i>Italics: DNA Test</i>	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							★★★★★																			
1	ZAM 250016	ZAM250016	TMB 200231	ZAM 200006	7	0.6	109	68	119	70	106	52	88	48	98	39	123	54	126	64	143	46	129	52	143	50
2	ZAM 250049	ZAM250049	LFR 190008	ZAM 190038	8	1.1	77	68	127	70	112	51	80	47	112	36	123	53	128	63	121	42	124	51	133	32
3	ZAM 250058	ZAM250058	LFR 190008	ZAM 170016	7	0.2	94	68	110	67	123	50	85	46	115	32	122	51	115	61	114	41	121	49	123	32
4	ZAM 250073	ZAM250073	CEF 200410	ZAM 160012	6	0.4	89	68	118	70	114	51	82	47	122	33	126	52	121	63	104	42	123	50	118	34
5	ZAM 250103	ZAM250103	ZAM 210026	ZAM 220030		0.9	114	64	100	66	106	45	125	46	103	32	120	49	116	59	90	30	114	45	101	32
6	ZAM 250117	ZAM250117	CEF 200410	ZAM 160023		0.4	96	68	112	70	111	51	90	47	117	33	121	52	115	63	99	34	117	48	105	34
7	ZAM 250118	ZAM250118	CEF 200410	ZAM 160090		0.7	108	68	97	70	107	51	105	47	136	34	124	52	102	63	96	35	120	49	104	35
8	ZAM 250169	ZAM250169	CEF 200410	ZAM 170247		0.9	100	67	103	69	114	49	97	46	121	33	120	51	109	62	102	34	117	48	107	34
9	ZAM 260023	ZAM260023	CEF 190341	ZAM 180103		0.4	102	69	100	60	115	54	107	56	125	38	123	51	109	60	91	48	118	50	95	44
10	ZAM 260024	ZAM260024	CEF 190341	ZAM 200009		0.4	99	69	107	61	114	54	109	56	110	40	122	52	118	60	91	48	116	51	94	49
11	ZAM 260034	ZAM260034	CEF 190341	ZAM 190038		0.7	80	69	118	61	117	53	103	55	118	39	127	52	125	60	101	48	124	51	105	44
12	ZAM 260039	ZAM260039	CEF 190341	ZAM 170109		0.6	106	70	99	61	107	55	124	56	116	40	122	52	113	61	84	48	115	51	80	44
13	ZAM 260052	ZAM260052	CEF 190341	ZAM 150220		0.6	93	70	101	62	103	56	125	56	128	39	122	53	109	61	97	49	118	52	94	44
14	ZAM 260061	ZAM260061	CEF 200410	ZAM 190120		0.6	91	67	104	58	117	48	99	46	125	31	120	47	108	56	96	34	116	44	103	34
							★★★★★																			
1	ZAM 250007	ZAM250007	TMB 200231	ZAM 200138	7	0.5	100	68	121	69	102	53	88	48	98	40	117	54	123	63	138	46	123	52	137	50
2	ZAM 250014	ZAM250014	TMB 200231	ZAM 200063	6	1.1	102	68	122	70	100	52	84	47	94	39	115	53	123	63	133	46	120	52	139	46
3	ZAM 250017	ZAM250017	TMB 200231	ZAM 200062	6	0.3	91	68	119	70	103	53	92	48	94	40	110	54	119	64	123	46	113	52	132	50
4	ZAM 250018	ZAM250018	LFR 190008	ZAM 150008	6	0.9	94	69	108	71	114	54	92	48	106	36	112	54	111	65	120	44	115	52	121	34
5	ZAM 250019	ZAM250019	LFR 190008	ZAM 190131	7	0.9	118	68	97	69	99	49	105	46	116	34	115	52	102	62	95	42	111	50	98	32
6	ZAM 250022	ZAM250022	TMB 200231	ZAM 200113	7	0.6	98	68	120	70	97	53	83	48	104	40	115	54	118	64	146	46	123	52	143	50
7	ZAM 250026	ZAM250026	TMB 200231	ZAM 200049	6	1.3	106	68	120	70	92	53	96	47	91	38	114	53	122	64	122	46	116	52	130	46
8	ZAM 250027	ZAM250027	TMB 200231	ZAM 200212	7	1.1	90	68	121	70	97	52	89	47	103	38	113	53	117	63	134	45	119	51	135	46
9	ZAM 250043	ZAM250043	LFR 190008	ZAM 180103	8	0.6	98	68	103	70	111	52	95	48	120	34	115	53	105	64	95	42	112	51	110	32
10	ZAM 250048	ZAM250048	LFR 190008	ZAM 150035	7	0.4	92	69	116	71	108	54	87	47	108	36	116	54	117	65	96	42	112	52	112	32
11	ZAM 250071	ZAM250071	CEF 200410	ZAM 200161	7	1.0	87	66	110	68	109	46	89	45	115	31	112	50	107	61	120	41	114	48	120	34
12	ZAM 250075	ZAM250075	CEF 200410	ZAM 170084	7	0.2	94	68	102	70	109	51	97	47	117	33	111	52	104	63	91	42	107	50	97	34
13	ZAM 250080	ZAM250080	LFR 190008	ZAM 220016	7	13.4	106	67	105	69	91	49	102	47	116	36	112	52	104	62	117	44	113	50	116	39
14	ZAM 250096	ZAM250096	ZAM 210026	ZAM 220051	6	0.9	112	64	96	66	107	45	126	41	106	33	117	49	111	59	92	40	113	47	99	32

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
														Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
									Italics: DNA Test					★★★★★																			
15	ZAM 250097	ZAM250097	ZAM 210026	ZAM 220035	0.9									131	65	88	66	103	44	126	46	103	33	114	49	104	59	97	30	111	45	102	32
16	ZAM 250101	ZAM250101	CEF 200410	ZAM 200005	0.6									87	67	111	69	107	48	102	46	117	34	118	51	113	62	94	35	114	48	106	40
17	ZAM 250105	ZAM250105	CEF 200410	ZAM 200108	0.5									96	66	108	69	103	47	97	45	110	32	111	51	108	61	97	34	108	48	105	34
18	ZAM 250125	ZAM250125	CEF 200410	ZAM 190134	0.8									108	67	104	68	102	46	96	45	120	32	119	50	107	61	97	34	115	47	101	34
19	ZAM 250126	ZAM250126	CEF 200410	ZAM 130208	0.3									103	69	101	70	107	53	93	47	120	34	114	53	103	64	97	35	111	49	104	33
20	ZAM 250128	ZAM250128	CEF 200410	ZAM 170087	1.2									107	68	100	70	101	51	99	47	127	35	117	53	102	63	95	36	113	50	105	36
21	ZAM 250130	ZAM250130	ZAM 210026	ZAM 220026	0.8									115	64	96	66	104	45	128	42	103	33	115	49	111	59	96	31	112	45	105	32
22	ZAM 250132	ZAM250132	CEF 200410	ZAM 180033	0.6									114	67	93	69	111	50	104	46	115	32	113	51	101	62	104	34	112	48	101	34
23	ZAM 250154	ZAM250154	CEF 200410	ZAM 150049	0.3									115	68	99	70	100	51	96	46	120	33	115	52	102	63	97	34	112	48	102	32
24	ZAM 250156	ZAM250156	ZAM 210026	ZAM 220087	4.5									106	63	97	65	116	42	119	44	98	29	113	47	111	58	94	26	109	43	104	24
25	ZAM 250166	ZAM250166	CEF 200410	ZAM 180135	0.9									112	67	96	68	98	49	116	47	117	32	114	51	102	62	94	34	110	48	99	34
26	ZAM 250173	ZAM250173	CEF 200410	ZAM 200127	0.9									112	66	107	69	100	48	96	46	110	33	117	51	111	62	98	36	114	48	105	37
27	ZAM 250192	ZAM250192	ZAM 190146	ZAM 210021	1.4									117	64	103	67	94	44	101	44	114	30	116	49	106	59	89	29	111	45	96	18
28	ZAM 250211	ZAM250211	CEF 200410	ZAM 160064	1.0									96	67	105	70	98	50	104	47	128	34	118	52	105	63	89	35	112	49	98	35
29	ZAM 250212	ZAM250212	ZAM 190146	ZAM 210011	5.0									133	65	99	67	97	44	98	45	108	32	118	49	107	60	86	28	112	45	96	24
30	ZAM 250216	ZAM250216	CEF 200410	ZAM 200226	0.6									98	66	112	69	100	47	93	45	112	32	115	51	112	61	101	32	113	47	106	34
31	ZAM 250219	ZAM250219	ZAM 190146	ZAM 210083	2.7									103	64	116	67	94	42	94	43	106	29	116	48	116	59	103	26	114	44	111	12
32	ZAM 260030	ZAM260030	CEF 190341	ZAM 190242	0.9									108	69	99	61	106	55	107	56	113	40	115	52	107	60	93	49	111	51	89	48
33	ZAM 260045	ZAM260045	CEF 190341	ZAM 200212	1.1									94	68	111	60	103	52	108	55	113	39	119	51	116	59	96	48	115	50	97	44
34	ZAM 260059	ZAM260059	LFR 190008	ZAM 190111	1.0									117	68	98	60	93	50	113	47	120	33	117	49	103	58	84	36	110	46	94	33
35	ZAM 260066	ZAM260066	LFR 190008	ZAM 200006	0.8									109	68	105	60	111	49	103	47	103	36	117	49	115	58	108	37	116	47	112	38
36	ZAM 260073	ZAM260073	CEF 200410	ZAM 190013	0.7									103	67	100	59	101	48	104	46	123	32	114	48	101	56	90	34	109	45	93	34
37	ZAM 260082	ZAM260082	LFR 190008	ZAM 200186	1.1									115	68	98	60	97	49	103	46	111	33	110	49	101	57	104	34	109	46	110	32
38	ZAM 260095	ZAM260095	LFR 190008	ZAM 200093	1.1									115	68	103	60	99	49	98	47	106	34	112	49	107	57	95	36	108	46	102	33
39	ZAM 260096	ZAM260096	CEF 200410	ZAM 200049	1.0									106	67	103	59	104	47	110	46	106	32	114	48	110	56	93	34	109	45	102	34
40	ZAM 260102	ZAM260102	LFR 190008	ZAM 190192	1.1									106	68	104	61	101	50	107	48	103	36	112	50	110	58	99	36	109	47	107	39
41	ZAM 260108	ZAM260108	LFR 190008	ZAM 200005	1.0									107	68	103	61	100	51	106	48	108	36	112	50	108	59	95	36	109	47	106	39
42	ZAM 260409	ZAM260409	ZAM 220047	ZAM 210162	1.7									117	63	99	46	81	40	108	44	124	28	112	41	95	47	94	28	108	38	102	24
									Italics: DNA Test					★★★★☆																			

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	ZAM 250006	ZAM250006	LFR 190008	ZAM 190191	6	1.1										
2	ZAM 250020	ZAM250020	LFR 190008	ZAM 170198	6	1.0										
3	ZAM 250023	ZAM250023	TMB 200231	ZAM 200030	7	0.9										
4	ZAM 250030	ZAM250030	LFR 190008	ZAM 180163	7	1.0										
5	ZAM 250032	ZAM250032	LFR 190008	ZAM 190057	6	1.2										
6	ZAM 250040	ZAM250040	LFR 190008	ZAM 180212	6	1.0										
7	ZAM 250046	ZAM250046	LFR 190008	ZAM 150170	6	0.2										
8	ZAM 250051	ZAM250051	LFR 190008	ZAM 180227	6	1.0										
9	ZAM 250059	ZAM250059	LFR 190008	ZAM 190157	7	0.8										
10	ZAM 250060	ZAM250060	LFR 190008	ZAM 190242	6	0.3										
11	ZAM 250068	ZAM250068	LFR 190008	ZAM 180145	7	0.9										
12	ZAM 250082	ZAM250082	CEF 200410	ZAM 180011	7	0.7										
13	ZAM 250104	ZAM250104	CEF 200410	ZAM 200092		1.0										
14	ZAM 250109	ZAM250109	ZAM 210026	ZAM 220044		0.8										
15	ZAM 250111	ZAM250111	CEF 200410	ZAM 180215		0.7										
16	ZAM 250119	ZAM250119	CEF 200410	ZAM 190193		0.8										
17	ZAM 250122	ZAM250122	CEF 200410	ZAM 150151		0.5										
18	ZAM 250141	ZAM250141	LFR 190008	ZAM 170090		0.6										
19	ZAM 250142	ZAM250142	LFR 190008	ZAM 150109		0.7										
20	ZAM 250143	ZAM250143	LFR 190008	ZAM 190049		0.7										
21	ZAM 250145	ZAM250145	CEF 200410	ZAM 190010		0.9										
22	ZAM 250150	ZAM250150	ZAM 210026	ZAM 220025		0.8										
23	ZAM 250161	ZAM250161	ZAM 190208	ZAM 140063		0.9										
24	ZAM 250162	ZAM250162	ZAM 190208	ZAM 170223		0.7										
25	ZAM 250172	ZAM250172	ZAM 210026	ZAM 220073		1.0										
26	ZAM 250181	ZAM250181	ZAM 190208	ZAM 170078		0.8										
27	ZAM 250182	ZAM250182	ZAM 210026	ZAM 220101		1.1										
28	ZAM 250197	ZAM250197	LFR 190008	ZAM 220022		3.9										
29	ZAM 250222	ZAM250222	CEF 200410	ZAM 190159		1.2										
30	ZAM 260003	ZAM260003	TMB 200231	ZAM 210110		1.0										
31	ZAM 260011	ZAM260011	ZAM 190081	ZAM 210052		2.7										



Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X n1821 F94L Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
★★★★☆																
32	ZAM 260029	ZAM260029	ZAM 190081	ZAM 200045	2.5		119 66	91 56	95 45	106 46	106 31	102 46	93 54	92 26	99 42	101 8
33	ZAM 260031	ZAM260031	CEF 190341	ZAM 200171	1.2		108 69	98 61	106 54	108 56	102 41	108 52	105 60	95 48	105 51	93 48
34	ZAM 260040	ZAM260040	CEF 190341	ZAM 180227	0.7		94 68	107 60	100 52	104 54	108 38	109 51	106 59	90 48	105 50	89 44
35	ZAM 260043	ZAM260043	CEF 190341	ZAM 180101	0.8		91 70	109 61	100 55	107 56	91 40	102 52	110 61	97 49	100 51	96 45
36	ZAM 260060	ZAM260060	CEF 200410	ZAM 200102	0.9		98 67	103 59	96 47	97 46	110 33	103 48	99 56	91 34	100 45	97 34
37	ZAM 260063	ZAM260063	CEF 200410	ZAM 170072	0.8		108 67	98 60	99 49	104 47	106 34	104 49	99 57	87 34	100 46	88 34
38	ZAM 260071	ZAM260071	LFR 190008	ZAM 190057	1.2		96 68	100 60	100 50	109 47	111 35	105 49	99 58	90 36	101 46	96 34
39	ZAM 260077	ZAM260077	LFR 190008	ZAM 200062	0.7		114 68	96 61	104 51	105 48	99 36	105 50	103 59	96 37	103 47	105 38
40	ZAM 260080	ZAM260080	LFR 190008	ZAM 160047	0.5		97 69	100 61	109 53	97 48	100 35	101 50	102 59	95 35	99 47	100 32
41	ZAM 260083	ZAM260083	LFR 190008	ZAM 170084	0.5		101 69	99 61	103 53	97 48	107 36	102 50	98 59	93 36	100 47	98 32
42	ZAM 260097	ZAM260097	CEF 200410	ZAM 200019	0.8		106 67	95 59	103 46	101 45	119 34	109 48	96 56	95 35	106 45	94 36
43	ZAM 260098	ZAM260098	CEF 200410	ZAM 190137	1.0		96 57	101 59	102 46	100 46	111 35	104 46	99 55	96 36	102 44	96 38
44	ZAM 260099	ZAM260099	CEF 200410	ZAM 190137	1.0		96 57	101 59	102 46	100 46	111 35	104 46	99 55	96 36	102 44	96 38
45	ZAM 260101	ZAM260101	LFR 190008	ZAM 180212	1.0		94 68	108 61	101 51	98 48	100 35	104 50	107 59	96 36	102 47	105 32
46	ZAM 260106	ZAM260106	LFR 190008	ZAM 230035	0.7		90 66	107 56	102 43	96 38	99 32	101 45	105 53	103 34	101 43	104 34
★★★★																
1	ZAM 250004	ZAM250004	LFR 190008	ZAM 170098	6	0.8	108 68	84 69	89 52	128 47	102 36	90 53	85 63	100 44	91 51	89 34
2	ZAM 250095	ZAM250095	LFR 190008	ZAM 180183	6	1.5	114 69	100 70	90 52	102 48	97 37	99 53	99 64	93 43	97 51	100 34
3	ZAM 250098	ZAM250098		ZAM 140030	0.0		104 59	82 60	96 40	123 37	110 24	92 43	81 53			75 10
4	ZAM 250107	ZAM250107	LFR 190008	ZAM 170053	0.8		83 68	112 70	99 52	88 47	94 35	95 53	103 63	106 36	96 50	107 33
5	ZAM 250131	ZAM250131	LFR 190008	ZAM 220020	3.9		102 67	95 69	95 49	107 42	103 35	96 51	94 62	102 36	97 48	101 37
6	ZAM 250133	ZAM250133		ZAM 140182	0.0		91 59	94 60	96 41	110 37	113 25	96 44	88 53			80 7
7	ZAM 250139	ZAM250139	LFR 190008	ZAM 180287	1.2		94 68	95 70	89 52	108 48	108 36	92 53	88 64	93 36	90 50	102 33
8	ZAM 250153	ZAM250153	LFR 190008	ZAM 170154	0.8		109 68	93 70	100 53	108 48	99 36	97 53	95 64	101 36	97 50	107 34
9	ZAM 250170	ZAM250170	ZAM 190208	ZAM 170188	1.0		79 67	113 69	97 49	90 47	95 34	94 52	103 62	99 28	94 47	105 23
10	ZAM 250179	ZAM250179	CEF 200410	ZAM 140210	0.9		90 68	97 70	100 51	106 46	110 34	98 52	93 63	100 34	97 48	103 36
11	ZAM 250190	ZAM250190	ZAM 190208	ZAM 180160	3.7		115 67	92 69	93 49	105 47	89 33	90 51	92 62	87 28	87 46	93 20
12	ZAM 250193	ZAM250193	LFR 190008	ZAM 160255	1.0		117 68	89 61	83 52	108 47	111 35	95 50	85 59	99 36	95 47	94 33
13	ZAM 250215	ZAM250215	ZAM 190208	ZAM 180192	0.9		88 67	109 69	95 49	99 47	81 34	90 52	104 62	93 29	89 47	99 22

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
				Italics: DNA Test																							
								★★★★																			
14	ZAM 260004	ZAM260004	ZAM 190081	ZAM 200058	2.5			122	56	89	57	100	46	104	47	98	32	99	45	93	54	92	30	97	42	100	24
15	ZAM 260005	ZAM260005	ZAM 190081	ZAM 200058	2.5			122	56	89	57	100	46	104	47	98	32	99	45	93	54	92	30	97	42	100	24
16	ZAM 260006	ZAM260006	ZAM 190081	ZAM 180144	2.3			120	66	92	57	99	46	106	47	90	31	96	47	96	55	98	28	96	43	102	12
17	ZAM 260015	ZAM260015	ZAM 190081	ZAM 160067	3.0			95	67	98	57	95	48	100	47	109	32	96	47	91	56	90	30	93	44	96	14
18	ZAM 260020	ZAM260020	ZAM 190081	ZAM 210013	1.4			92	66	100	56	97	43	111	45	106	30	99	46	97	54	88	30	96	43	95	17
19	ZAM 260035	ZAM260035	ZAM 190081	ZAM 180027	3.3			94	67	97	57	97	48	101	46	100	32	91	47	90	55	93	28	89	43	94	12
20	ZAM 260049	ZAM260049	ZAM 190081	ZAM 210123	4.6			90	66	100	56	103	44	103	46	105	31	99	46	97	54	96	26	97	42	98	10
21	ZAM 260091	ZAM260091	CEF 200410	ZAM 170053	0.8			90	67	103	59	105	48	92	45	105	32	99	48	98	56	102	33	99	45	100	34
22	ZAM 260094	ZAM260094	ZAM 190208	ZAM 160013	0.4			80	69	110	59	88	50	97	48	98	34	90	49	97	57	99	30	90	45	101	26
23	ZAM 260105	ZAM260105	ZAM 190208	ZAM 170076	0.7			81	68	114	59	96	50	94	48	95	35	96	49	106	57	96	30	95	45	99	24
24	ZAM 260109	ZAM260109	ZAM 190208	ZAM 160143	1.0			98	68	96	59	105	50	103	47	95	33	94	49	95	57	98	28	93	45	100	20
25	ZAM 260110	ZAM260110	LFR 190008	ZAM 230047	0.6			97	66	104	56	97	44	102	38	97	32	98	45	102	53	101	34	98	43	105	34
26	ZAM 260116	ZAM260116	ZAM 220064	ZAM 230069	1.6			103	62	103	46	98	37	96	37	80	27	91	39	102	46	98	26	91	36	97	23
								★★★★☆																			
1	ZAM 250187	ZAM250187	ZAM 190208	ZAM 140173	0.2			93	68	87	70	115	52	107	48	84	34	83	53	88	64	97	30	83	48	99	22
2	ZAM 260089	ZAM260089	ZAM 190208	ZAM 180011	0.9			97	67	98	58	99	48	89	47	92	34	86	48	90	56	98	28	87	44	101	21
3	ZAM 260093	ZAM260093	ZAM 190208	ZAM 150033	2.4			106	69	94	60	100	51	94	48	74	35	80	50	91	58	92	30	79	46	89	20
								★★★																			
1	ZAM 250174	ZAM250174	ZAM 190208	ZAM 160001	1.4			107	68	88	69	94	51	99	48	80	35	75	52	81	63	92	30	75	48	91	22
2	ZAM 250218	ZAM250218	ZAM 190208	ZAM 170079	0.9			79	68	105	69	100	51	96	48	73	35	76	52	95	63	96	30	77	48	98	24

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Italics: DNA Test					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
													★★★★★																			
1	ZAM 250010	ZAM250010	TMB 200231	ZAM 200209	1.2								82	68	145	69	102	52	74	46	93	37	127	53	149	63	142	38	133	50	147	46
2	ZAM 250050	ZAM250050	LFR 190008	ZAM 170101	2.1								95	69	125	70	105	52	83	47	107	37	124	53	127	64	99	37	120	50	110	34
3	ZAM 250056	ZAM250056	TMB 200231	ZAM 200009	0.3								82	68	133	70	105	53	82	48	99	40	122	54	135	64	130	39	126	51	135	50
4	ZAM 250074	ZAM250074	CEF 200410	ZAM 190115	0.7								119	67	105	69	99	49	93	46	121	33	124	51	109	62	99	34	120	48	103	34
5	ZAM 250092	ZAM250092	CEF 200410	ZAM 200191	0.7								88	66	120	68	104	46	90	45	113	32	120	50	120	61	105	32	118	46	110	34
6	ZAM 250120	ZAM250120	CEF 200410	ZAM 170145	1.1								89	67	116	70	125	50	90	46	107	33	124	52	125	63	111	36	123	49	117	34
7	ZAM 250123	ZAM250123	CEF 200410	ZAM 180109	0.6								90	67	114	69	116	49	91	46	125	33	127	51	118	62	94	34	122	48	104	34
8	ZAM 250124	ZAM250124	ZAM 210026	ZAM 220050	0.7								99	64	121	66	108	44	92	41	110	33	128	49	127	58	107	30	125	45	115	32
9	ZAM 250210	ZAM250210	CEF 200410	ZAM 160028	0.8								82	67	115	70	109	50	91	47	126	34	122	52	114	63	102	36	119	49	104	36
10	ZAM 260013	ZAM260013	CEF 190341	ZAM 190131	0.6								119	68	96	60	105	52	122	55	121	38	126	51	111	59	87	48	119	50	85	44
11	ZAM 260018	ZAM260018	CEF 190341	ZAM 190220	0.7								103	68	107	60	98	53	102	55	125	39	122	51	109	59	94	48	117	50	95	44
12	ZAM 260022	ZAM260022	CEF 190341	ZAM 220077	1.0								104	68	105	59	105	48	108	48	119	37	121	49	111	57	92	48	116	49	94	44
13	ZAM 260025	ZAM260025	CEF 190341	ZAM 230010	1.1								92	68	113	57	113	49	104	50	109	37	122	49	120	56	99	47	118	49	99	45
14	ZAM 260026	ZAM260026	CEF 190341	ZAM 170101	0.9								108	70	99	61	117	54	117	55	115	40	125	52	115	60	84	48	117	51	85	46
15	ZAM 260027	ZAM260027	CEF 190341	ZAM 200113	0.7								109	69	104	61	102	54	111	56	114	40	121	52	113	60	96	49	117	51	95	49
16	ZAM 260032	ZAM260032	CEF 190341	ZAM 150035	0.3								97	70	107	61	114	57	99	55	114	39	120	52	114	61	95	49	115	51	99	43
17	ZAM 260037	ZAM260037	CEF 190341	ZAM 230026	0.6								112	67	104	56	106	47	111	49	118	37	126	48	115	55	91	46	120	48	93	44
18	ZAM 260054	ZAM260054	CEF 190341	ZAM 230018	0.7								110	67	106	56	99	47	111	49	118	36	124	48	114	55	96	46	119	48	99	44
19	ZAM 260072	ZAM260072	LFR 190008	ZAM 170016	0.2								92	68	106	56	125	50	96	46	116	31	121	47	114	56	103	34	118	44	110	32
20	ZAM 260111	ZAM260111	CEF 200410	ZAM 220035	0.8								95	66	109	59	101	45	100	45	127	33	121	47	110	56	104	35	119	45	108	40
													★★★★★																			
1	ZAM 250011	ZAM250011	TMB 200231	ZAM 200058	0.9								114	68	112	70	96	54	91	48	95	40	112	54	115	64	125	40	116	51	129	50
2	ZAM 250015	ZAM250015	TMB 200231	ZAM 200186	1.3								114	68	113	70	93	52	93	46	106	37	118	53	115	63	133	38	123	50	132	46
3	ZAM 250025	ZAM250025	TMB 200231	ZAM 200177	1.5								81	68	131	70	89	52	87	46	100	37	113	53	123	63	128	38	117	50	132	46
4	ZAM 250036	ZAM250036	TMB 200231	ZAM 200032	0.9								109	68	121	70	91	53	90	47	98	38	117	53	121	64	127	38	121	50	128	46
5	ZAM 250086	ZAM250086	CEF 200410	ZAM 180108	0.8								102	67	98	70	110	50	103	47	121	33	115	52	103	63	88	34	110	48	93	34
6	ZAM 250094	ZAM250094	CEF 200410	ZAM 190262	1.1								100	67	101	68	108	49	100	46	112	32	110	51	103	62	99	35	108	48	101	34
7	ZAM 250106	ZAM250106	CEF 200410	ZAM 170202	0.5								96	67	101	69	99	49	94	46	135	33	114	51	96	62	93	34	110	48	99	34
8	ZAM 250110	ZAM250110	CEF 200410	ZAM 200011	0.6								107	66	105	69	97	48	103	46	116	33	116	51	107	62	96	34	112	48	101	34

Selection List on Cow Value

Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
																		% Inbreeding	Q204X	nt821	F94L						
																		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
Sorted on ID				Italics: DNA Test																							
								★★★★★																			
9	ZAM 250115	ZAM250115	CEF 200410	ZAM 180272	0.8			108	67	101	69	103	49	107	46	116	32	116	51	107	62	96	34	113	48	101	34
10	ZAM 250134	ZAM250134	ZAM 210026	ZAM 220034	0.8			103	64	114	66	107	44	98	41	99	33	118	49	121	58	102	30	116	45	109	32
11	ZAM 250137	ZAM250137	CEF 200410	ZAM 200019	0.8			99	67	102	69	102	47	98	45	119	34	111	51	101	62	96	35	108	48	96	36
12	ZAM 250144	ZAM250144	ZAM 210026	ZAM 220027	0.9			105	64	97	66	107	45	124	41	106	33	114	49	109	59	98	30	111	45	104	32
13	ZAM 250147	ZAM250147	LFR 190008	ZAM 190095	0.9			103	67	110	70	100	51	89	47	112	35	115	52	110	63	103	35	113	49	108	32
14	ZAM 250149	ZAM250149	LFR 190008	ZAM 160143	0.9			112	69	91	70	102	53	115	48	116	35	110	53	98	64	98	35	108	49	100	32
15	ZAM 250196	ZAM250196	CEF 200410	ZAM 190180	0.7			115	66	95	68	98	47	103	45	117	32	110	50	97	61	93	34	107	47	97	34
16	ZAM 260042	ZAM260042	CEF 190341	ZAM 180201	0.5			110	69	100	61	95	54	123	56	112	40	116	52	108	60	92	48	111	51	87	45
17	ZAM 260044	ZAM260044	CEF 190341	ZAM 200063	1.1			94	68	110	60	110	53	109	55	104	39	117	51	118	59	95	48	113	50	96	44
18	ZAM 260058	ZAM260058	LFR 190008	ZAM 150008	0.9			116	69	97	61	111	54	99	48	107	35	113	50	105	59	111	38	113	48	111	34
19	ZAM 260069	ZAM260069	LFR 190008	ZAM 190134	1.1			111	68	105	60	95	49	95	46	111	34	112	49	106	57	99	36	110	46	103	32
20	ZAM 260070	ZAM260070	CEF 200410	ZAM 200177	1.1			95	66	108	58	97	46	99	45	115	31	111	47	105	55	96	33	108	44	104	34
21	ZAM 260076	ZAM260076	CEF 200410	ZAM 180163	0.8			97	67	105	59	96	48	106	46	115	33	112	48	105	56	93	34	108	45	101	34
22	ZAM 260085	ZAM260085	LFR 190008	ZAM 140207	0.7			112	69	99	60	100	53	102	47	119	32	115	49	102	58	88	36	109	46	100	32
23	ZAM 260114	ZAM260114	LFR 190008	ZAM 160012	1.1			92	69	115	61	109	53	86	48	112	36	118	50	116	59	101	36	115	47	111	32
24	ZAM 260115	ZAM260115	LFR 190008	ZAM 160023	0.9			98	69	109	61	106	53	92	48	107	36	112	50	110	59	100	36	109	47	106	32
25	ZAM 260401	ZAM260401	ZAM 190024	ZAM 190139	2.0			99	54	110	54	99	41	105	44	107	30	115	42	114	50	96	26	111	39	102	10
26	ZAM 260402	ZAM260402	ZAM 190024	ZAM 190139	2.0			99	54	110	54	99	41	105	44	107	30	115	42	114	50	96	26	111	39	102	10
27	ZAM 260410	ZAM260410	ZAM 220047	ZAM 200043	0.9			97	64	108	51	86	46	115	47	118	32	113	45	106	51	91	30	108	42	102	24
								★★★★☆																			
1	ZAM 250005	ZAM250005	LFR 190008	ZAM 170249	0.8			105	68	100	69	89	53	103	48	107	36	100	53	96	63	95	38	98	50	104	36
2	ZAM 250021	ZAM250021	TMB 200231	ZAM 200171	0.9			88	68	121	70	100	53	85	48	91	40	106	54	118	64	132	40	112	51	131	49
3	ZAM 250031	ZAM250031	TMB 200231	ZAM 200174	0.9			92	68	114	70	93	54	95	48	99	40	103	54	109	64	126	40	108	51	120	49
4	ZAM 250041	ZAM250041	TMB 200231	ZAM 200173	1.3			117	68	107	70	86	53	97	48	100	39	107	54	105	64	127	39	112	51	123	46
5	ZAM 250042	ZAM250042	TMB 200231	ZAM 200037	1.0			84	68	115	70	104	54	93	48	92	40	102	54	112	64	133	40	108	51	131	50
6	ZAM 250055	ZAM250055	LFR 190008	ZAM 180201	1.0			102	68	98	70	94	52	111	48	108	37	102	53	98	64	98	35	101	49	96	34
7	ZAM 250057	ZAM250057	LFR 190008	ZAM 160047	0.5			94	69	108	70	106	54	90	48	99	36	104	53	108	64	98	35	102	49	104	32
8	ZAM 250063	ZAM250063	CEF 200410	ZAM 200012	0.8			118	66	91	69	94	47	120	46	113	32	109	51	97	62	95	36	106	48	96	37
9	ZAM 250065	ZAM250065	LFR 190008	ZAM 180213	0.8			94	68	106	70	97	52	101	48	98	36	100	53	104	64	101	36	100	50	106	32

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc					
											★★★★☆														
10	ZAM 250069	ZAM250069	CEF 200410	ZAM 160196	0.7	113	69	97	70	99	52	103	48	112	35	109	53	100	64	92	36	105	50	95	35
11	ZAM 250070	ZAM250070	CEF 200410	ZAM 190054	1.3	86	67	108	69	111	49	93	47	108	34	108	52	108	62	99	36	106	49	100	38
12	ZAM 250077	ZAM250077	CEF 200410	ZAM 160013	1.3	105	69	90	70	90	51	110	47	129	34	104	53	85	63	95	36	101	50	96	36
13	ZAM 250078	ZAM250078	CEF 200410	ZAM 150235	1.5	87	68	109	70	108	51	93	47	108	35	108	53	106	63	102	35	106	49	106	35
14	ZAM 250083	ZAM250083	CEF 200410	ZAM 150033	0.6	116	69	89	70	102	52	104	47	104	35	100	53	93	64	89	36	97	50	86	34
15	ZAM 250084	ZAM250084	LFR 190008	ZAM 180052	1.1	116	69	100	70	89	53	105	48	105	36	105	53	100	64	98	36	104	50	99	34
16	ZAM 250088	ZAM250088	LFR 190008	ZAM 150034	0.4	105	69	97	71	95	55	101	47	113	35	103	54	95	65	100	36	102	50	100	32
17	ZAM 250099	ZAM250099	LFR 190008	ZAM 180061	0.9	116	69	90	71	104	53	106	48	105	37	103	54	95	65	84	36	98	50	88	32
18	ZAM 250102	ZAM250102	CEF 200410	ZAM 180105	0.6	103	67	99	69	105	48	97	46	112	32	108	51	101	62	102	34	106	48	95	34
19	ZAM 250108	ZAM250108	CEF 200410	ZAM 190132	1.3	88	67	100	69	108	49	107	47	109	34	104	52	101	62	93	36	101	49	94	38
20	ZAM 250113	ZAM250113	LFR 190008	ZAM 190107	1.2	120	68	91	69	94	50	110	46	112	35	106	52	94	62	85	36	101	49	88	34
21	ZAM 250114	ZAM250114	CEF 200410	ZAM 160089	0.4	111	67	87	69	105	51	110	46	125	32	109	51	91	63	84	34	103	48	85	34
22	ZAM 250127	ZAM250127	CEF 200410	ZAM 180248	0.4	118	67	83	69	99	49	110	46	118	32	102	51	86	62	96	34	100	48	96	34
23	ZAM 250140	ZAM250140	LFR 190008	ZAM 170076	1.4	99	69	101	70	91	53	104	48	116	37	104	53	97	64	96	36	102	50	100	34
24	ZAM 250146	ZAM250146	CEF 200410	ZAM 190003	0.8	98	67	103	69	102	49	93	46	102	33	101	51	100	62	101	34	100	48	101	34
25	ZAM 250148	ZAM250148	CEF 200410	ZAM 160171	1.0	119	68	89	70	93	51	106	47	126	35	109	53	90	63	89	36	105	50	92	36
26	ZAM 250152	ZAM250152	ZAM 210026	ZAM 220091	0.6	121	64	89	66	103	43	122	45	87	31	100	49	100	59	88	28	96	45	93	25
27	ZAM 250157	ZAM250157	CEF 200410	ZAM 160122	0.7	106	67	95	68	91	50	103	46	129	32	108	51	90	62	95	34	105	48	96	34
28	ZAM 250158	ZAM250158	LFR 190008	ZAM 220056	1.2	109	67	94	69	93	49	124	46	104	35	103	52	100	62	87	35	99	49	92	36
29	ZAM 250159	ZAM250159	ZAM 210026	ZAM 220062	1.5	82	64	111	66	111	43	107	46	90	32	104	49	115	59	102	30	103	45	104	30
30	ZAM 250160	ZAM250160	ZAM 210026	ZAM 220083	8.1	109	64	97	66	107	44	128	46	88	32	107	49	112	59	98	30	105	45	101	32
31	ZAM 250165	ZAM250165	CEF 200410	ZAM 170048	0.5	114	67	91	69	94	51	112	47	109	33	102	52	94	63	96	35	100	49	97	34
32	ZAM 250168	ZAM250168	ZAM 210026	ZAM 220107	2.3	111	64	100	66	107	44	112	46	95	31	109	49	110	59	83	28	103	45	94	29
33	ZAM 250171	ZAM250171	ZAM 210026	ZAM 220135	0.8	115	64	91	64	110	43	126	45	93	30	107	48	106	58	90	28	103	44	96	26
34	ZAM 250176	ZAM250176	LFR 190008	ZAM 170110	1.6	104	68	109	70	97	52	103	48	98	35	109	53	112	64	94	35	106	49	99	33
35	ZAM 250178	ZAM250178	LFR 190008	ZAM 180042	1.2	96	68	110	70	98	52	91	48	97	36	102	53	107	64	97	36	100	50	100	32
36	ZAM 250185	ZAM250185	ZAM 190208	ZAM 170094	0.4	86	67	109	69	108	49	95	47	96	34	102	52	108	62	93	27	99	47	97	22
37	ZAM 250189	ZAM250189	ZAM 190208	ZAM 200152	0.7	76	66	122	68	106	45	88	46	92	33	104	50	116	61	103	30	103	46	109	25
38	ZAM 250191	ZAM250191	ZAM 210026	ZAM 220082	1.7	107	64	96	66	101	44	127	46	86	32	100	49	106	59	85	28	95	45	90	29
39	ZAM 250200	ZAM250200	CEF 200410	ZAM 170038	0.5	102	67	103	70	88	50	98	47	124	35	109	52	97	63	95	36	106	49	101	37
40	ZAM 250205	ZAM250205	CEF 200410	ZAM 150277	1.1	92	68	106	70	100	52	94	47	108	35	104	53	101	63	101	36	103	50	104	34

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Acc	Calf Growth Value	Acc	Milk Value	Acc	Maint. Value	Acc	Fertility Value	Acc	Cow Value	Acc	Weaner Calf Value	Acc	Growth Value	Acc	Prod Value	Acc	Carcass Value	Acc
														★★★★☆																			
41	ZAM 250224	ZAM250224	CEF 200410	ZAM 190070	0.7									93	67	108	59	95	48	97	47	107	34	103	48	103	57	98	35	102	45	97	35
42	ZAM 260008	ZAM260008	ZAM 190081	ZAM 210027	1.8									132	66	80	56	96	44	121	46	105	33	102	46	89	54	93	30	99	43	97	25
43	ZAM 260010	ZAM260010	ZAM 190081	ZAM 210028	2.1									127	66	89	56	103	44	112	41	99	32	105	46	98	53	92	29	102	43	101	24
44	ZAM 260012	ZAM260012	ZAM 190081	ZAM 210134	1.2									122	65	94	55	91	42	108	44	103	30	104	45	97	53	95	28	101	42	105	12
45	ZAM 260014	ZAM260014	ZAM 190081	ZAM 210122	4.5									108	66	100	56	100	43	96	45	104	30	104	46	99	54	100	26	102	42	105	8
46	ZAM 260019	ZAM260019	ZAM 190081	ZAM 210070	4.3									89	66	103	56	94	44	105	45	113	30	102	46	97	54	101	30	101	43	104	16
47	ZAM 260033	ZAM260033	CEF 190341	ZAM 160123	1.0									107	70	102	61	96	56	103	55	102	39	104	52	103	61	89	47	100	51	87	44
48	ZAM 260048	ZAM260048	ZAM 190081	ZAM 210146	13.6									109	66	96	56	95	43	106	45	115	28	107	45	96	54	92	26	104	41	101	7
49	ZAM 260053	ZAM260053	ZAM 190081	ZAM 210029	1.8									101	66	100	56	90	43	120	45	104	30	103	46	101	54	94	30	100	43	99	17
50	ZAM 260055	ZAM260055	ZAM 190081	ZAM 200138	3.8									112	66	94	57	106	46	108	47	102	32	105	47	100	55	95	28	102	43	100	22
51	ZAM 260056	ZAM260056	ZAM 190081	ZAM 200041	2.5									101	66	102	56	102	45	100	46	104	31	104	46	102	54	95	27	102	42	105	10
52	ZAM 260068	ZAM260068	LFR 190008	ZAM 150170	0.2									98	69	101	61	99	53	96	47	115	35	105	50	98	59	94	38	103	48	104	34
53	ZAM 260074	ZAM260074	LFR 190008	ZAM 180052	1.1									111	69	100	61	90	52	107	48	105	36	104	50	100	59	98	36	103	47	100	34
54	ZAM 260075	ZAM260075	LFR 190008	ZAM 170198	1.0									107	69	101	61	98	53	103	48	108	37	107	51	102	59	96	38	105	48	106	36
55	ZAM 260079	ZAM260079	CEF 200410	ZAM 160056	0.2									95	67	99	60	98	50	95	46	117	33	101	49	91	57	95	34	99	46	98	34
56	ZAM 260084	ZAM260084	CEF 200410	ZAM 200173	0.8									119	67	93	59	95	47	104	46	115	33	108	48	95	56	97	34	106	45	99	35
57	ZAM 260086	ZAM260086	CEF 200410	ZAM 180215	0.7									80	67	112	60	100	49	93	46	118	33	108	48	104	57	99	34	106	45	104	34
58	ZAM 260087	ZAM260087	LFR 190008	ZAM 180108	1.0									114	69	94	61	103	52	105	48	112	36	109	50	100	59	90	36	105	47	97	33
59	ZAM 260088	ZAM260088	LFR 190008	ZAM 160196	1.3									101	69	103	62	94	54	101	49	102	37	101	51	100	60	95	38	99	48	101	34
60	ZAM 260103	ZAM260103	LFR 190008	ZAM 180249	1.2									95	68	108	61	106	52	98	48	98	36	106	50	110	59	96	36	103	47	102	34
														★★★★																			
1	ZAM 250028	ZAM250028	LFR 190008	ZAM 180261	0.8									107	68	96	70	94	51	100	48	97	37	94	53	93	63	98	37	93	50	99	38
2	ZAM 250037	ZAM250037	LFR 190008	ZAM 160123	0.7									99	69	101	70	93	53	94	47	97	35	93	53	94	64	95	35	92	49	98	32
3	ZAM 250066	ZAM250066	LFR 190008	ZAM 160056	0.5									96	69	92	70	96	54	103	48	108	36	92	53	86	64	94	36	90	50	93	33
4	ZAM 250091	ZAM250091	LFR 190008	ZAM 180083	1.2									104	68	95	70	91	52	107	47	105	35	96	53	91	63	99	36	95	50	93	34
5	ZAM 250112	ZAM250112		ZAM 180249	0.0									79	59	107	59	108	38	99	37	97	25	97	43	104	52					84	12
6	ZAM 250116	ZAM250116	CEF 200410	ZAM 190129	1.2									94	67	97	69	101	50	101	47	102	35	94	52	93	62	92	36	92	49	93	39
7	ZAM 250167	ZAM250167	ZAM 210026	ZAM 220095	0.6									109	64	94	66	105	43	110	45	86	30	95	48	99	59	89	28	92	44	96	25
8	ZAM 250177	ZAM250177	ZAM 190208	ZAM 180111	0.8									103	67	96	69	104	49	100	48	88	34	92	52	96	62	84	28	88	47	89	24

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
				Italics: DNA Test			★★★★																			
9	ZAM 250184	ZAM250184	ZAM 190208	ZAM 180132	1.0		107	67	106	69	94	48	100	47	82	34	97	51	107	62	99	28	96	46	102	21
10	ZAM 250195	ZAM250195	ZAM 190208	ZAM 140223	6.6		115	68	87	69	112	51	112	48	93	34	99	52	97	63	91	30	96	48	92	22
11	ZAM 250198	ZAM250198	ZAM 190208	ZAM 160199	2.0		108	68	94	68	98	50	108	47	91	33	93	51	95	62	91	30	91	47	97	23
12	ZAM 250208	ZAM250208	LFR 190008	ZAM 220023	3.8		108	67	91	69	91	49	113	47	98	34	91	52	89	62	99	36	91	49	97	37
13	ZAM 250209	ZAM250209	ZAM 190208	ZAM 180028	1.0		99	67	103	69	93	50	98	47	88	34	91	52	98	62	98	29	91	47	97	22
14	ZAM 250217	ZAM250217	ZAM 190208	ZAM 200204	0.9		91	67	105	68	108	48	93	47	96	34	99	51	104	62	99	28	98	46	103	22
15	ZAM 250221	ZAM250221	ZAM 190208	ZAM 170239	0.9		81	67	114	69	107	50	90	47	90	33	99	52	111	62	96	28	97	47	100	20
16	ZAM 250226	ZAM250226	ZAM 190208	ZAM 170160	0.7		80	68	109	59	97	49	97	48	101	36	96	49	101	57	97	31	95	45	102	24
17	ZAM 260007	ZAM260007	ZAM 190081	ZAM 190191	3.0		99	66	101	56	92	45	111	46	102	32	99	46	99	54	92	28	97	42	99	12
18	ZAM 260009	ZAM260009	ZAM 190081	ZAM 180015	1.0		109	66	95	53	89	42	109	45	92	29	91	44	93	52	91	28	90	41	98	14
19	ZAM 260016	ZAM260016	ZAM 190081	ZAM 210006	1.8		120	66	86	55	98	43	120	46	97	32	98	46	92	53	91	28	95	42	96	24
20	ZAM 260017	ZAM260017	ZAM 190081	ZAM 170249	0.6		110	66	88	57	91	48	108	47	105	31	92	47	84	55	90	30	90	44	98	18
21	ZAM 260038	ZAM260038	ZAM 190081	ZAM 210115	1.8		99	66	99	56	108	45	101	46	97	33	99	46	100	54	105	30	100	43	107	21
22	ZAM 260041	ZAM260041	ZAM 190081	ZAM 210041	3.3		101	66	98	56	94	43	106	45	105	30	98	46	94	54	96	30	97	43	99	17
23	ZAM 260090	ZAM260090	LFR 190008	ZAM 180105	1.0		108	68	97	60	98	50	98	47	102	34	99	49	96	58	104	36	99	46	99	32
24	ZAM 260092	ZAM260092	ZAM 190208	ZAM 180061	1.2		92	68	102	59	107	49	94	48	84	35	90	49	100	57	85	29	87	45	90	21
25	ZAM 260112	ZAM260112	ZAM 190208	ZAM 220025	0.7		89	66	106	58	96	45	95	41	95	34	93	47	98	55	102	30	93	44	104	30
							★★★★☆																			
1	ZAM 250186	ZAM250186	ZAM 190208	ZAM 130074	1.6		99	69	104	71	98	53	95	49	81	37	89	54	101	65	85	30	86	49	90	20
2	ZAM 250188	ZAM250188	ZAM 190208	ZAM 180284	0.7		80	67	104	69	94	49	94	47	91	34	83	52	92	62	95	28	83	47	92	22
3	ZAM 250199	ZAM250199	ZAM 190208	ZAM 170010	0.7		92	68	104	70	104	51	97	48	80	35	89	53	102	63	96	31	88	49	99	24
4	ZAM 250207	ZAM250207	ZAM 190208	ZAM 200072	0.9		107	67	98	69	91	49	99	47	89	35	89	52	94	62	89	29	87	47	92	23
5	ZAM 250213	ZAM250213	ZAM 190208	ZAM 160042	0.9		103	69	98	70	104	53	93	49	81	37	87	54	96	64	93	31	86	49	95	23
6	ZAM 250220	ZAM250220	ZAM 190208	ZAM 150013	8.3		80	69	105	69	93	52	88	48	96	34	83	52	89	63	99	29	84	47	96	20
7	ZAM 250223	ZAM250223	ZAM 190208	ZAM 130199	0.6		83	69	106	60	103	52	91	49	82	37	85	50	99	59	86	32	83	46	91	27
8	ZAM 260078	ZAM260078	ZAM 190208	ZAM 190262	1.4		81	67	106	56	108	48	95	47	82	33	87	47	101	55	100	30	88	44	102	22
9	ZAM 260081	ZAM260081	ZAM 190208	ZAM 180183	0.9		102	67	100	59	95	48	97	47	77	35	83	48	95	57	91	30	82	44	93	23
10	ZAM 260104	ZAM260104	ZAM 190208	ZAM 160171	0.5		104	68	97	59	91	50	95	48	95	35	89	49	90	57	92	31	87	45	95	24

