

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

FRANZEL BONSMARAS

Veilingsdatum / Auction Date:
06 July 2022

Data soos op / Data as on:
14 June 2022



SALES UNDER AUSPICES OF BONSMARA SA

Bonsmara stud breeding is subject to the stipulations of the Livestock Improvement Act and conforms to the standards of Bonsmara SA. The Society therefore has the right to implement certain controls to ensure the accuracy of information regarding Parentage, Performance and Estimated Breeding Values.

Information regarding Parentage, Performance and Estimated Breeding Values of animals, as supplied by the breeder, have been verified and compared to the official database of LOGIX BEEF. Bonsmara SA therefore, confirms the accuracy of such information.

To the knowledge of the Society these controls have been carried out accurately. However, the Society does not take any responsibility for incorrect information through printing errors or incorrect information provided by the breeder.

Animals on such sales have been visually screened by Inspectors of Bonsmara SA and comply with the Bonsmara Minimum Breed Standards as stipulated by the Society.

The Society DOES NOT have any control over:

- Immunization and health status of animals
- Pregnancy status of cows and heifers
- Suitability of a bull for breeding
- Fertility status as well as venereal diseases and
- Commercial animals

Since the above is not classified as information regarding Parentage, Performance and Estimated Breeding Values, it DOES NOT fall within the jurisdiction of the meaning "Under the Auspices of Bonsmara SA".



VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde prosedures uit te oefen ten opsigte van Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes.

Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes soos deur die teler voorsien vir die doel van hierdie katalogus, is gekontroleer en vergelyk met die amptelike databasis soos gehou deur LOGIX BEEF. Bonsmara SA bevestig dus die korrektheid van sodanige inligting.

Alhoewel die kontroles na die beste wete van die Genootskap gedoen is, kan die Genootskap egter nie verantwoordelik gehou word vir foutiewe inligting as gevolg van drukkersfoute of verkeerde inligting deur die telers verskaf nie.

Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandaarde soos bepaal deur die Genootskap.

Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgeskiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiektes en
- Kommersiële diere nie.

Aangesien bogenoemde nie val onder die bedoeling met Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes nie, sorteer dit NIE onder die jurisdiksie van die bedoeling "Onder beskerming van Bonsmara SA" nie.



ANIMAL AND PEDIGREE INFORMATION

LOT 1
1

THE RED CATTLE FARM
2

3

ABC 150029
4

2015-02-03
5

SP
6

Parentage Sire Dam

DNA ☒

Genomic ☒

DEF 100066 P

DEF 050022
7

GHI 070076 HH(c)
8

AGE/CALV. 14/10
AVG. Wt/CALV. 92/10
ICP 395

JKL 000077 P

ABC 080011

AGE/CALV. 13/9
AVG. Wt/CALV. 105/9
ICP 417

MNO 030002
12

AGE/CALV. 19/10
AVG. Wt/CALV. 109/10
ICP 407

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - NFR / PEN / F0 / A / B / SP
- Four (4) generation pedigree
- Genomic testing - it is indicated with the GT logo
- Polled Status - the status will only be printed for animals that have been tested
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
- QR Code - This code can be scanned with a smart device. It redirects to the animal's information on www.SABeefBulls.com where all information for the animal is available.
- Dam information
 - Age and Number of Calvings
 - Average Wean Index and Number of Calves Weaned
 - Intercalving Period

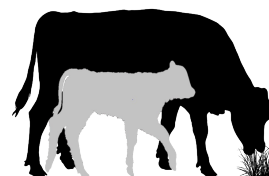
MYOSTATIN STATUS

The animal's status, if tested for myostatin variants, is indicated as follows:

- Not Tested
- 0 - Normal
- 1 - Heterozygous / Carrier of Double-Muscling gene
- 2 - Homozygous / Double-Muscled

LOGIX SELECTION VALUES

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
109	98	111	99	101	98	103
1	2	3	4	5	6	7

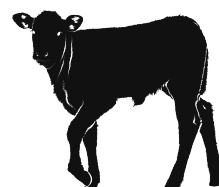


5 L♀ GIX Cow Value

Selection of:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves

- 1 Calving Ease Value EBVs Birth Direct & Maternal
- Calf Growth Value EBV Wean Direct
- 3 Fertility Value EBVs Cow & Heifer Fertility, EBV Longevity
- Milk Value EBV Wean Maternal
- 4 Maintenance Value EBVs Mature weight & Milk



2 L♀ GIX Weaner Calf Value

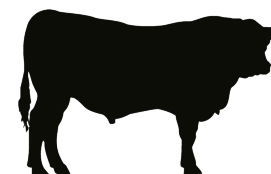
Selection of:

- Heavier weaning weights,
- with more milk,
- but restricted birth weight



7 L♀ GIX Carcass Value

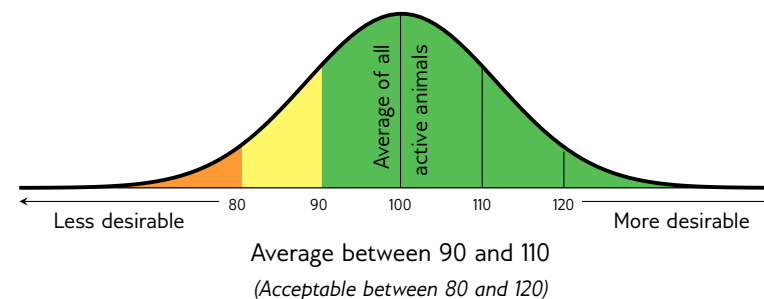
Selection for higher meat yield on carcass



6 L♀ GIX Growth Value

Selection of efficient growers on veld & in the feedlot

INTERPRETATION OF BREEDING VALUE INDICES



EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

Traits				Description/Measurement	Goal	General Guidelines					
						<80	<90	90-110	>110	>120	
Selection Values	5	Cow Value	CV	Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value)	Profitable Cow	Loss					Profit
	1	Calving Ease Value	CEV	Risk for calving problems (calf too heavy) vs calf too small	Average birth weight	High					Low
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy weaner calf	Light					Heavy
		Milk Value	MlkV	Cow's genetic mothering and milking ability	Enough milk for the calf	Less					More
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)	Low cow maintenance	High				*	Low
	3	Fertility Value	FertV	Fertility and retention of cows and heifers	Fertile cows	Low					High
	2	Weaner Calf Value	WnCV	Combination of calf's weight and cow's milk	Heavy weaner calves	Light					Heavy
	6	Growth Value	GV	Efficient growth on veld and in feedlot (Rand-value)	Profitable growth	Loss					Profit
	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)	More meat on the carcass	Less					More
	Production Value	PV	Combination of Cow- and Growth values (Rand-value)	Profitable animals	Loss					Profit	
Cow & Heifer	8	Birth Weight Direct	BD	Birth weight (Calf's genetic ability)	Average birth weight	Heavy					Light
		Birth Weight Maternal	BM	Birth weight (Cow's genetic ability)	Easy calving	Heavy					Light
	9	Weaning Weight Direct	WD	Weaning weight (Calf's genetic ability)	Heavy weaner calves	Light					Heavy
	10	Weaning Weight Maternal	WM	Weaning weight (Cow's genetic ability)	Good mothers	Poor					Good
		Mature Cow Weight	MW	Cow weight at weaning of first three calves	Average mature cow weight	Light			*	*	Heavy
		Cow-Calf Birth	CCB	EBV Birth Direct / EBV Mature Cow weight	Average	Low					High
	Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight	High calf-cow ratio	Low					High	
Fertility	12	Heifer Fertility	HF	Age at first calving	Fertile heifers	Less					More
	13	Cow Fertility	CFE	First 3 inter-calving periods (ICPs)	Fertile cows	Less					More
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test	Fertile bulls	Less					More
	14	Longevity	LG	Retention of progeny	Acceptable progeny	Poor					Good
Growth & Frame	15	Post-Wean Weight	PWn	12- and 18 month weights	Good post-wean growth	Low				*	High
	16	Average Daily Gain	ADG	Average daily gain	Good growth	Poor					Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain	Feed efficiency	Poor					Good
		Final Test Weight	FW	Final weight in the growth test	Heavy carcass	Light				*	Heavy
	19	Height	H	Shoulder / Hip height in growth test	Average height	Short					Tall
	20	Length	L	Length in growth test	Longer for more muscle	Short					Long
	24	Length-Height Ratio	LH	EBV Length / EBV Height	Longer rather than tall	<1					>1
Carcass	21	Eye Muscle Area	EMA	RTU measured eye muscle area	Bigger steaks	Small					Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness	Carcass quality	Thin					Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat	Juicy meat	Low					High
		Dressing Percentage	D%	Carcass weight / Live weight	High dressing percentage	Low					High

* Determined by own selection goal

GENETIC VALUES - BUILDING BLOCKS

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scrot. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
99	99	90	97	75	92	85	100	94	93	92	123	110	104	100	79
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the previous page. These genetic building blocks are indicated in the catalogue by their Breeding Value Indices.

PHENOTYPIC VALUES

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	104	105	122	117	327	1.22
			16	17	11	24

- Wean, 365D, 540D, ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured during the growth test
- Length-Height Ratio (LH) - the animal's length / height ratio as measured during the growth test

BULLS

LOT 1 **FRANZEL BONSMARAS**

VZF 190400
2019-10-19
SP

Parentage Sire Dam

DNA ✓

Genomic

VZF 130146



VZF 090142
AGE/CALV. 12/10
AVG. Wt/CALV. 98/10
ICP 367

BPJ 090085

VZF 090258
AGE/CALV. 11/8
AVG. Wt/CALV. 100/8
ICP 423

CEF 010357

VZF 020191
AGE/CALV. 9/5
AVG. Wt/CALV. 104/5
ICP 403

BHE 030103

BPJ 070019
AGE/CALV. 14/11
AVG. Wt/CALV. 93/9

JRB 040014

VZF 040089
AGE/CALV. 10/7
AVG. Wt/CALV. 104/7

CEF 990221

CEF 980117
AGE/CALV. 18/14
AVG. Wt/CALV. 106/13

HOT 950272

VZF 980236
AGE/CALV. 8/6
AVG. Wt/CALV. 103/5

Calving Ease Value 103	Weaner Calf Value 88	Fertility Value 102	Maintenance Value 79	Cow Value 88	Growth Value 103	Carcass Value 99
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
100	103	80	98	94	99	119	108	104	101	126	87	94	100	92	102

Wean Index 98	365D Index -	540D Index -	ADG Index 93	FCR Index -	Scrotum 342	LH 1.21
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Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS: Self gebruik in kudde

LOGIX EBV Analysis: 2022-05-18

LOT 2 **FRANZEL BONSMARAS**

VZF 190244
2019-08-21
B

Parentage Sire Dam

DNA

Genomic

PER 100019 HH(c)



HJS 120248
AGE/CALV. 9/8
AVG. Wt/CALV. 102/6
ICP 378

VV 040046

PER 060138
AGE/CALV. 7/5
AVG. Wt/CALV. 108/4
ICP 417

HJS 080115

HJS 100133
AGE/CALV. 7/5
AVG. Wt/CALV. 111/5
ICP 405

VV 010292

VV 000092
AGE/CALV. 17/13
AVG. Wt/CALV. 104/11

PER 030079

HDE 000172
AGE/CALV. 13/9
AVG. Wt/CALV. 102/8

RCO 980037

HJS 010038
AGE/CALV. 18/14
AVG. Wt/CALV. 103/13

HJS 070016

HJS 070136
AGE/CALV. 3/1
AVG. Wt/CALV. 117/1

Calving Ease Value 99	Weaner Calf Value 118	Fertility Value 95	Maintenance Value 118	Cow Value 114	Growth Value 106	Carcass Value 106
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
101	103	120	114	93	89	118	100	108	111	84	94	101	102	89	99

Wean Index 104	365D Index 101	540D Index 101	ADG Index -	FCR Index -	Scrotum -	LH -
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Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 3 **FRANZEL BONSMARAS**

VZF 190382
2019-10-16
SP

Parentage Sire Dam

DNA ✓ ✓

Genomic

TOR 140054



VZF 120468
AGE/CALV. 9/6
AVG. Wt/CALV. 103/5
ICP 434

TOR 110079

TOR 120021
AGE/CALV. 9/8
AVG. Wt/CALV. 96/8
ICP 372

LAR 070304

VZF 060013
AGE/CALV. 11/9
AVG. Wt/CALV. 103/8
ICP 410

TOR 080199

TOR 080248
AGE/CALV. 4/1
AVG. Wt/CALV. 98/1

LAR 070234

TOR 030016
AGE/CALV. 8/5
AVG. Wt/CALV. 108/5

LAR 040287

LAR 980117
AGE/CALV. 14/12
AVG. Wt/CALV. 109/12

AG 010224

VZF 970096
AGE/CALV. 13/11
AVG. Wt/CALV. 98/10

Calving Ease Value 103	Weaner Calf Value 110	Fertility Value 82	Maintenance Value 94	Cow Value 99	Growth Value 109	Carcass Value 106
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
105	101	122	122	95	75	99	106	111	101	103	100	111	112	83	93

Wean Index 96	365D Index -	540D Index -	ADG Index 106	FCR Index -	Scrotum 358	LH 1.23
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Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

BULLE

LOT 4 **FRANZEL BONSMARAS**

VZF 190597
2019-11-28
SP

Ouerskap Vaar Moer

DNS ✓

Genomies



VZF 150376

VZF 090242 [

VZF 090082
OUD/KALW. 10/8
GEM. SI/KALW. 96/7
TKP 393

VZF 060291 [

VZF 100342
OUD/KALW. 10/7
GEM. SI/KALW. 103/7
TKP 433

VZF 070088
OUD/KALW. 12/10
GEM. SI/KALW. 98/10
TKP 413

LAR 030071

VZF 050283
OUD/KALW. 10/8
GEM. SI/KALW. 103/7

VZF 030051

VZF 060125
OUD/KALW. 9/6
GEM. SI/KALW. 99/6

AG 020306

VZF 030010
OUD/KALW. 14/11
GEM. SI/KALW. 105/10

ZAK 030086

VZF 050063
OUD/KALW. 12/9
GEM. SI/KALW. 103/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
114	110	78	95	94	123	117

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
113	112	86	102	77	83	109	112	120	112	105	104	108	109	96	111

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	119	-	315	1.22

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: **LOGIX** EBV Analiese: 2022-05-18

LOT 5 **FRANZEL BONSMARAS**

VZF 190263
2019-09-04
SP

Ouerskap Vaar Moer

DNS

Genomies



CEF 100304 HH(c)

CEF 080025 [

CEF 070151
OUD/KALW. 14/12
GEM. SI/KALW. 101/11
TKP 382

HJS 120341 [

HJS 150269
OUD/KALW. 7/5
GEM. SI/KALW. 103/4
TKP 387

HJS 100379
OUD/KALW. 11/10
GEM. SI/KALW. 102/7
TKP 368

AG 020251

CEF 020146
OUD/KALW. 13/10
GEM. SI/KALW. 100/9

CEF 040415

CEF 030096
OUD/KALW. 13/8
GEM. SI/KALW. 105/7

LEL 080010

HJS 070011
OUD/KALW. 10/7
GEM. SI/KALW. 100/5

HJS 070333

HJS 070175
OUD/KALW. 12/8
GEM. SI/KALW. 102/9

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
87	120	98	97	111	122	113

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
86	117	111	95	102	85	114	109	121	115	100	99	104	122	92	95

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
105	107	113	-	-	-	-

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Self gebruik in kudde **LOGIX** EBV Analiese: 2022-05-18

LOT 6 **FRANZEL BONSMARAS**

VZF 190247
2019-08-25
SP

Ouerskap Vaar Moer

DNS

Genomies



CEF 100304 HH(c)

CEF 080025 [

CEF 070151
OUD/KALW. 14/12
GEM. SI/KALW. 101/11
TKP 382

HJS 080307 [

HJS 120379
OUD/KALW. 9/6
GEM. SI/KALW. 100/5
TKP 425

HJS 060134
OUD/KALW. 11/5
GEM. SI/KALW. 97/5
TKP 361

AG 020251

CEF 020146
OUD/KALW. 13/10
GEM. SI/KALW. 100/9

CEF 040415

CEF 030096
OUD/KALW. 13/8
GEM. SI/KALW. 105/7

BG 040039

HJS 980182
OUD/KALW. 12/9
GEM. SI/KALW. 97/8

HJS 030262

HJS 030290
OUD/KALW. 10/8
GEM. SI/KALW. 93/8

Geboortegemak Waarde	Speenkalf Waarde	Vrugbaarheids-waarde	Onderhouds-waarde	Koeiwaarde	Groei-waarde	Karkas-waarde
95	97	89	95	90	99	95

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
98	99	107	85	91	82	113	95	101	105	102	83	90	108	92	81

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
96	94	95	-	-	-	-

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Self gebruik in kudde **LOGIX** EBV Analiese: 2022-05-18

BULLS

LOT 7
FRANZEL BONSMARAS

VZF 190572
2019-11-21
SP

Parentage Sire Dam

DNA

Genomic



PAD 150459

VZF 160009
AGE/CALV. 6/4
AVG. Wt/CALV. 97/3
ICP 376

PAD 130201

FCT 110061
AGE/CALV. 4/2
AVG. Wt/CALV. 113/1

PAD 100113
AGE/CALV. 10/5
AVG. Wt/CALV. 100/5
ICP 614

VZF 110248
AGE/CALV. 10/7
AVG. Wt/CALV. 109/7
ICP 406

FCT 110285

PAD 060079
AGE/CALV. 15/6
AVG. Wt/CALV. 102/6

CSW 010014

AG 000131
AGE/CALV. 16/12
AVG. Wt/CALV. 98/11

FCT 080118

FCT 080213
AGE/CALV. 4/2
AVG. Wt/CALV. 113/1

JRB 040014

VZF 060088
AGE/CALV. 13/10
AVG. Wt/CALV. 105/9

Calving Ease Value 96	Weaner Calf Value 111	Fertility Value 89	Maintenance Value 124	Cow Value 104	Growth Value 98	Carcass Value 105
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
98	101	108	110	90	87	109	102	101	101	78	88	99	109	107	102

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
99	-	-	94	-	358	1.22

Myostatin	
Q204X	1
NT821	0
F94L	0

LOT 8
FRANZEL BONSMARAS

VZF 190540
2019-11-12
SP

Parentage Sire Dam

DNA

Genomic



TOR 130150

VZF 140096
AGE/CALV. 8/5
AVG. Wt/CALV. 111/5
ICP 420

TOR 090043

VZF 090249

VZF 080062
AGE/CALV. 13/11
AVG. Wt/CALV. 105/10
ICP 394

TOR 080103
AGE/CALV. 13/11
AVG. Wt/CALV. 100/11
ICP 369

BHE 040085

TOR 060159
AGE/CALV. 7/5
AVG. Wt/CALV. 101/4

FCT 050218

TOR 050169
AGE/CALV. 9/7
AVG. Wt/CALV. 97/7

VZF 060291

VZF 070023
AGE/CALV. 9/7
AVG. Wt/CALV. 107/6

JRB 040014

VZF 040202
AGE/CALV. 14/11
AVG. Wt/CALV. 99/10

Calving Ease Value 89	Weaner Calf Value 124	Fertility Value 87	Maintenance Value 82	Cow Value 107	Growth Value 138	Carcass Value 136
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
93	122	122	110	79	90	119	132	142	120	119	127	131	127	100	114

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
118	-	-	121	-	315	1.25

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 9
FRANZEL BONSMARAS

VZF 190354
2019-10-13
SP

Parentage Sire Dam

DNA

Genomic



PAD 150459

VZF 160058
AGE/CALV. 6/4
AVG. Wt/CALV. 98/3
ICP 390

PAD 130201

VZF 110129

VZF 130184
AGE/CALV. 8/6
AVG. Wt/CALV. 107/6
ICP 383

PAD 100113
AGE/CALV. 10/5
AVG. Wt/CALV. 100/5
ICP 614

FCT 110285

PAD 060079
AGE/CALV. 15/6
AVG. Wt/CALV. 102/6

CSW 010014

AG 000131
AGE/CALV. 16/12
AVG. Wt/CALV. 98/11

AEJ 070116

VZF 080252
AGE/CALV. 13/11
AVG. Wt/CALV. 100/10

JRB 050017

VZF 050287
AGE/CALV. 14/11
AVG. Wt/CALV. 106/10

Calving Ease Value 97	Weaner Calf Value 113	Fertility Value 96	Maintenance Value 89	Cow Value 105	Growth Value 113	Carcass Value 117
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
94	111	109	105	93	97	107	117	117	106	110	128	129	118	106	101

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	104	-	316	1.24

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

BULLE

LOT 10

FRANZEL BONSMARAS

VZF 190466
2019-10-28
SP

Ouerskap **Vaar** **Moer**
DNS ☒
Genomies



VZF 140542
OUD/KALW. 7/5
GEM. SI/KALW. 105/4
TKP 365

LAR 070055
OUD/KALW. 4/2
GEM. SI/KALW. 100/2

JRP 030001
OUD/KALW. 12/10
GEM. SI/KALW. 106/9
TKP 370

MMJ 100218

VZF 040160
OUD/KALW. 13/11
GEM. SI/KALW. 105/10
TKP 382

BG 040088
LAR 040160
OUD/KALW. 4/2
GEM. SI/KALW. 100/2
MOR 980043
JRP 000010
OUD/KALW. 11/8
GEM. SI/KALW. 101/8
MMJ 060240
MMJ 060057
OUD/KALW. 8/6
GEM. SI/KALW. 99/5
JRB 990071
VZF 010062
OUD/KALW. 3/1
GEM. SI/KALW. 127/1

Geboortegemak Waarde
92

SpeenkalF Waarde
121

Vrugbaarheids-waarde
80

Onderhouds-waarde
88

Koeiwaarde
98

Groei-waarde
105

Karkas-waarde
110

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
90	127	92	93	73	91	110	113	100	99	113	96	108	114	90	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	105	-	310	1.29

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: **LOGIX** EBV Analiese: 2022-05-18

LOT 11

FRANZEL BONSMARAS

VZF 190356
2019-10-13
SP

Ouerskap **Vaar** **Moer**
DNS
Genomies



VZF 160074
OUD/KALW. 6/4
GEM. SI/KALW. 102/3
TKP 382

PAD 130201
OUD/KALW. 15/6
GEM. SI/KALW. 102/6
CSW 010014
AG 000131
OUD/KALW. 16/12
GEM. SI/KALW. 98/11
JRB 010075
JRB 990192
OUD/KALW. 11/8
GEM. SI/KALW. 104/8
BG 060093
VZF 980060
OUD/KALW. 14/10
GEM. SI/KALW. 107/10

Geboortegemak Waarde
98

SpeenkalF Waarde
107

Vrugbaarheids-waarde
81

Onderhouds-waarde
99

Koeiwaarde
93

Groei-waarde
91

Karkas-waarde
101

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
94	105	106	99	82	87	102	100	92	94	99	95	102	105	110	102

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	91	-	334	1.24

Miostatien	
Q204X	Nie Getoets
NT821	Nie Getoets
F94L	Nie Getoets

OPMERKINGS: **LOGIX** EBV Analiese: 2022-05-18

LOT 12

FRANZEL BONSMARAS

VZF 190577
2019-11-23
SP

Ouerskap **Vaar** **Moer**
DNS
Genomies



VZF 120320
OUD/KALW. 9/7
GEM. SI/KALW. 106/6
TKP 394

FCT 110061
OUD/KALW. 4/2
GEM. SI/KALW. 113/1
AG 020306
VZF 990046
OUD/KALW. 14/10
GEM. SI/KALW. 107/10
LAR 040287
LAR 980117
OUD/KALW. 14/12
GEM. SI/KALW. 109/12
HJS 040276
VZF 040089
OUD/KALW. 10/7
GEM. SI/KALW. 104/7

Geboortegemak Waarde
123

SpeenkalF Waarde
120

Vrugbaarheids-waarde
98

Onderhouds-waarde
114

Koeiwaarde
122

Groei-waarde
111

Karkas-waarde
111

Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam			Karkas		
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
124	101	112	106	97	96	108	106	112	106	87	93	105	106	97	107

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	106	-	323	1.25

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS: Self gebruik in kudde **LOGIX** EBV Analiese: 2022-05-18

BULLS

LOT 13 **FRANZEL BONSMARAS**

VZF 190471
2019-10-29
SP

Parentage Sire Dam

DNA ✓

Genomic

VZF 150376



VZF 090208
AGE/CALV. 10/8
AVG. Wt/CALV. 103/9
ICP 388

VZF 090242

VZF 090082
AGE/CALV. 10/8
AVG. Wt/CALV. 96/7
ICP 393

VZF 060143

VZF 070030
AGE/CALV. 3/1
AVG. Wt/CALV. 105/1
ICP -

LAR 030071

VZF 050283
AGE/CALV. 10/8
AVG. Wt/CALV. 103/7

VZF 030051

VZF 060125
AGE/CALV. 9/6
AVG. Wt/CALV. 99/6

AG 020306

VZF 980033
AGE/CALV. 12/9
AVG. Wt/CALV. 105/9

HJS 040276

VZF 040185
AGE/CALV. 14/10
AVG. Wt/CALV. 112/8

Calving Ease Value 106	Weaner Calf Value 126	Fertility Value 102	Maintenance Value 87	Cow Value 118	Growth Value 120	Carcass Value 126
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
107	134	79	111	97	106	105	120	120	114	115	121	121	120	99	109

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
129	-	-	90	-	344	1.21

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 14 **FRANZEL BONSMARAS**

VZF 190437
2019-10-24
SP

Parentage Sire Dam

DNA

Genomic

VZF 130357



VZF 120349
AGE/CALV. 9/7
AVG. Wt/CALV. 106/5
ICP 394

FCT 110061

VZF 080013
AGE/CALV. 10/8
AVG. Wt/CALV. 103/8
ICP 391

HJL 080011

VZF 020052
AGE/CALV. 15/12
AVG. Wt/CALV. 100/11
ICP 388

FCT 080118

FCT 080213
AGE/CALV. 4/2
AVG. Wt/CALV. 113/1

AG 020306

VZF 990046
AGE/CALV. 14/10
AVG. Wt/CALV. 107/10

JRB 000140

JJF 990043
AGE/CALV. 13/8
AVG. Wt/CALV. 102/8

AG 960173

VZF 990161
AGE/CALV. 3/1
AVG. Wt/CALV. 94/1

Calving Ease Value 94	Weaner Calf Value 122	Fertility Value 103	Maintenance Value 93	Cow Value 117	Growth Value 120	Carcass Value 117
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
94	119	110	123	102	101	105	114	122	117	105	123	115	114	104	113

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
117	-	-	113	-	347	1.17

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 15 **FRANZEL BONSMARAS**

VZF 190483
2019-10-30
SP

Parentage Sire Dam

DNA

Genomic

VZF 130357



VZF 130185
AGE/CALV. 8/6
AVG. Wt/CALV. 106/5
ICP 425

FCT 110061

VZF 080013
AGE/CALV. 10/8
AVG. Wt/CALV. 103/8
ICP 391

BPJ 090085

VZF 090265
AGE/CALV. 6/4
AVG. Wt/CALV. 95/4
ICP 409

FCT 080118

FCT 080213
AGE/CALV. 4/2
AVG. Wt/CALV. 113/1

AG 020306

VZF 990046
AGE/CALV. 14/10
AVG. Wt/CALV. 107/10

BHE 030103

BPJ 070019
AGE/CALV. 14/11
AVG. Wt/CALV. 93/9

VZF 060143

VZF 070102
AGE/CALV. 4/2
AVG. Wt/CALV. 98/1

Calving Ease Value 104	Weaner Calf Value 128	Fertility Value 98	Maintenance Value 115	Cow Value 122	Growth Value 123	Carcass Value 119
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Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
107	116	106	108	104	86	111	122	127	118	87	104	109	116	88	107

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
108	-	-	116	-	325	1.22

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS: Self gebruik in kudde

LOGIX EBV Analysis: 2022-05-18

BULLE

LOT 16 *FRANZEL BONSMARAS*

VZF 190506
2019-11-05
SP

Ouerskap Vaar Moer

DNS ☒

Genomies

HJS 110365



HJS 160164
OUD/KALW. 6/3
GEM. SI/KALW. 98/2
TKP 512

HJS 080243

HJS 060016
OUD/KALW. 14/12
GEM. SI/KALW. 109/12
TKP 384

HJS 120250

HJS 120104
OUD/KALW. 10/8
GEM. SI/KALW. 97/8
TKP 379

LAR 000084

HJS 060160
OUD/KALW. 5/4
GEM. SI/KALW. 105/3

HJS 030262

HJS 020143
OUD/KALW. 11/9
GEM. SI/KALW. 110/7

BG 050035

HJS 100052
OUD/KALW. 6/4
GEM. SI/KALW. 93/4

HJS 070115

HJS 070363
OUD/KALW. 6/4
GEM. SI/KALW. 98/4

Geboortegemak Waarde 97	Speenkalf Waarde 107	Vrugbaarheids- waarde 103	Onderhouds- waarde 89	Koeiwaarde 105	Groei- waarde 102	Karkas- waarde 110
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Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
96	111	98	102	97	106	108	109	103	101	111	100	107	92	112	114

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	94	-	318	1.24

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analiese: 2022-05-18

LOT 17 *FRANZEL BONSMARAS*

VZF 190435
2019-10-24
SP

Ouerskap Vaar Moer

DNS

Genomies

JMP 100264 P



VZF 110185
OUD/KALW. 10/8
GEM. SI/KALW. 98/6
TKP 369

JMP 050276

JMP 050032
OUD/KALW. 10/6
GEM. SI/KALW. 110/5
TKP 401

BG 040081

VZF 070190
OUD/KALW. 11/8
GEM. SI/KALW. 99/8
TKP 385

MNE 010013

JMP 960137
OUD/KALW. 10/7
GEM. SI/KALW. 103/6

FCT 970024

JMP 960141
OUD/KALW. 10/8
GEM. SI/KALW. 97/7

BG 020058 Pp(c)

BG 930066
OUD/KALW. 13/9
GEM. SI/KALW. 104/9

HJS 040276

VZF 990109
OUD/KALW. 16/12
GEM. SI/KALW. 100/12

Geboortegemak Waarde 113	Speenkalf Waarde 106	Vrugbaarheids- waarde 106	Onderhouds- waarde 120	Koeiwaarde 116	Groei- waarde 111	Karkas- waarde 107
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Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
118	92	111	96	109	96	106	102	119	106	82	103	102	99	122	115

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
92	-	-	116	-	314	1.22

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analiese: 2022-05-18

LOT 18 *FRANZEL BONSMARAS*

VZF 190405
2019-10-20
SP

Ouerskap Vaar Moer

DNS ☒

Genomies

TOR 130150



VZF 080421
OUD/KALW. 13/11
GEM. SI/KALW. 99/10
TKP 381

TOR 090043

TOR 080103
OUD/KALW. 13/11
GEM. SI/KALW. 100/11
TKP 369

AG 010224

VZF 010252
OUD/KALW. 12/9
GEM. SI/KALW. 99/8
TKP 391

BHE 040085

TOR 060159
OUD/KALW. 7/5
GEM. SI/KALW. 101/4

TOR 050218

TOR 050169
OUD/KALW. 9/7
GEM. SI/KALW. 97/7

AG 960233

AG 980227
OUD/KALW. 14/12
GEM. SI/KALW. 96/11

HJS 920010

VZF 960166
OUD/KALW. 13/8
GEM. SI/KALW. 101/8

Geboortegemak Waarde 94	Speenkalf Waarde 96	Vrugbaarheids- waarde 87	Onderhouds- waarde 94	Koeiwaarde 89	Groei- waarde 114	Karkas- waarde 108
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Kalf en Moeder			Vrugbaarheid				Na-Speen Groei			Raam		Karkas			
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na-Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
98	97	111	102	88	87	108	102	115	107	104	107	105	106	98	110

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
98	-	-	112	-	332	1.23

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analiese: 2022-05-18

BULLS

LOT 19
FRANZEL BONSMARAS

VZF 190418
2019-10-21
SP

Parentage Sire Dam
DNA ☒ ☒
Genomic ☐



VZF 140085
AGE/CALV. 8/6
AVG. Wt/CALV. 110/5
ICP 359

TOR 090043

TOR 080103
AGE/CALV. 13/11
AVG. Wt/CALV. 100/11
ICP 369

JRB 050017

VZF 090351
AGE/CALV. 7/5
AVG. Wt/CALV. 101/4
ICP 366

BHE 040085
TOR 060159
AGE/CALV. 7/5
AVG. Wt/CALV. 101/4
TOR 050218
TOR 050169
AGE/CALV. 9/7
AVG. Wt/CALV. 97/7
JRB 010075
JRB 990192
AGE/CALV. 11/8
AVG. Wt/CALV. 104/8
VZF 030051
VZF 010065
AGE/CALV. 13/11
AVG. Wt/CALV. 102/11

Calving Ease Value
90

Weaner Calf Value
116

Fertility Value
98

Maintenance Value
82

Cow Value
108

Growth Value
113

Carcass Value
115

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
91	117	113	99	86	111	106	119	113	105	119	112	114	110	103	111

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
110	-	-	104	-	315	1.26

Myostatin
Q204X 1
NT821 0
F94L 0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 20
FRANZEL BONSMARAS

VZF 190666
2019-12-25
SP

Parentage Sire Dam
DNA ☐
Genomic ☐



VZF 100259
AGE/CALV. 10/8
AVG. Wt/CALV. 106/7
ICP 377

CSW 010014

PAD 050099
AGE/CALV. 7/3
AVG. Wt/CALV. 102/2
ICP 514

LAR 060250

VZF 960017
AGE/CALV. 16/14
AVG. Wt/CALV. 101/13
ICP 371

BG 960125
CSW 980048
AGE/CALV. 19/14
AVG. Wt/CALV. 102/13
AG 020224
AG 910157
AGE/CALV. 16/14
AVG. Wt/CALV. 105/13
LAR 010297
LAR 020226
AGE/CALV. 15/11
AVG. Wt/CALV. 106/10
GOT 920010
VZF 930088
AGE/CALV. 2/2
AVG. Wt/CALV. 89/1

Calving Ease Value
102

Weaner Calf Value
109

Fertility Value
85

Maintenance Value
108

Cow Value
96

Growth Value
98

Carcass Value
98

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
96	109	87	92	92	84	99	104	94	99	92	74	87	101	93	89

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
98	-	-	90	-	309	1.23

Myostatin
Q204X 1
NT821 0
F94L 0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

LOT 21
FRANZEL BONSMARAS

VZF 190512
2019-11-05
SP

Parentage Sire Dam
DNA ☒
Genomic ☐



VZF 050169
AGE/CALV. 14/11
AVG. Wt/CALV. 105/11
ICP 419

VZF 090242

VZF 090082
AGE/CALV. 10/8
AVG. Wt/CALV. 96/7
ICP 393

AG 990075

VZF 000091
AGE/CALV. 13/10
AVG. Wt/CALV. 105/10
ICP 392

LAR 030071
VZF 050283
AGE/CALV. 10/8
AVG. Wt/CALV. 103/7
VZF 030051
VZF 060125
AGE/CALV. 9/6
AVG. Wt/CALV. 99/6
AG 910140
AG D 0249
AGE/CALV. 14/12
AVG. Wt/CALV. 114/12
HJS N 0101
VZF 940036
AGE/CALV. 8/6
AVG. Wt/CALV. 97/6

Calving Ease Value
88

Weaner Calf Value
125

Fertility Value
93

Maintenance Value
85

Cow Value
108

Growth Value
132

Carcass Value
133

Calf and Mother			Fertility				Post-Wean Growth			Frame			Carcass		
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
84	129	101	108	80	107	107	120	133	117	116	130	131	118	100	112

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
121	-	-	117	-	316	1.25

Myostatin
Q204X 0
NT821 0
F94L 0

REMARKS:

LOGIX EBV Analysis: 2022-05-18

Dier Info				Actual Values						Expected Breeding Values											Indices				Dam	
LOT	Animal ID	Sex	SEC	Birth Wt (kg)	205d Wt (kg)	CCB Ratio	CCW Ratio	Length Height Ratio	Scr. Circ. (mm)	Birth Dir (kg)	Birth Mat (kg)	Wean Dir (kg)	Wean Mat (kg)	Post Wean (kg)	Mature Weight. (kg)	ADG (g/d)	FCR (kg:kg)	Scr. Circ. (mm)	Height. (mm)	Length (mm)	Wean	ADG	Scr. Circ.	Avg. Wean Index	Nr. Calves	Repr. Index
Breed Average Auction Average				39	275	-	47.3	1.23	327	1.04 1.11	-0.21 -0.21	13.9 18.8	3.9 5.3	23 33	10 13	100 163	-47 -62	10.2 13.3	4	27	105	105	104	103	7.0	108
1	VZF 190400	M	SP	38	232	-	34.5	1.21	342	1.02	-0.65	15.5	-1.8	32	38	120	-50	8.6	-10	7	98	93	98	98	10	115
2	VZF 190244	M	B	38	306	-	49.2	-	-	0.94	0.07	15.2	9.4	26	-8	140	-71	21.9	-4	16	104	-	114	102	8	117
3	VZF 190382	M	SP	40	230	-	39.7	1.23	358	0.49	0.12	14.4	9.9	30	13	151	-50	27.7	1	30	96	106	122	103	6	99
4	VZF 190597	M	SP	33	250	-	46.2	1.22	315	-0.28	-0.52	19.3	-	36	15	198	-72	11.5	4	26	110	119	102	103	7	97
5	VZF 190263	M	SP	45	344	-	61.3	-	-	2.53	-0.33	21.8	7.0	32	10	203	-79	5.9	1	21	105	-	95	103	5	112
6	VZF 190247	M	SP	39	285	-	50.5	-	-	1.26	0.32	13.4	5.8	20	13	105	-57	-1.6	-14	2	96	-	85	100	6	100
7	VZF 190572	M	SP	40	246	-	44.2	1.22	358	1.28	0.03	14.2	6.1	27	-14	106	-49	18.4	-10	14	99	94	110	97	4	107
8	VZF 190540	M	SP	38	272	-	48.8	1.25	315	1.79	0.52	23.7	10.0	50	31	302	-89	18.7	24	57	118	121	110	111	5	105
9	VZF 190354	M	SP	38	258	-	47.9	1.24	316	1.63	-0.61	19.1	6.4	39	22	182	-60	14.2	25	54	105	104	105	98	4	111
10	VZF 190466	M	SP	40	240	-	43.1	1.29	310	2.12	-0.61	26.2	1.7	36	24	101	-44	4.2	-3	27	110	105	93	105	5	108
11	VZF 190356	M	SP	40	248	-	50.8	1.24	334	1.64	-0.78	16.0	5.6	26	9	61	-33	9.2	-3	18	100	91	99	102	4	113
12	VZF 190577	M	SP	32	245	-	42.8	1.25	323	-1.51	-0.15	14.3	7.1	31	-4	158	-59	15.1	-5	22	100	106	106	106	7	110
13	VZF 190471	M	SP	35	290	-	59.4	1.21	344	0.34	-0.17	29.1	-2.1	41	27	195	-76	19.1	18	44	129	90	111	103	8	109
14	VZF 190437	M	SP	40	290	-	50.5	1.17	347	1.65	-0.21	22.3	6.8	37	15	206	-82	29.1	21	35	117	113	123	106	7	109
15	VZF 190483	M	SP	38	269	-	54.3	1.22	325	0.32	0.24	21.2	5.6	42	-4	230	-86	16.9	4	27	108	116	108	106	6	106
16	VZF 190506	M	SP	38	234	-	38.8	1.24	318	1.49	-0.47	18.9	3.4	33	22	113	-48	12	1	25	100	94	102	98	3	96
17	VZF 190435	M	SP	39	224	-	43.1	1.22	314	-0.79	0.51	10.5	7.1	26	-9	189	-60	7.1	4	19	92	116	96	98	8	109
18	VZF 190405	M	SP	40	235	-	44.5	1.23	332	1.23	0.54	12.6	7.0	26	14	174	-61	11.5	7	23	98	112	102	99	11	113
19	VZF 190418	M	SP	40	258	-	55.9	1.26	315	2.00	0.01	21.7	7.5	40	31	163	-58	9.4	12	34	110	104	99	110	6	115
20	VZF 190666	M	SP	40	234	-	35.9	1.23	309	1.45	-1.54	18.1	0.3	30	1	69	-44	4	-21	-2	98	90	92	106	8	108
21	VZF 190512	M	SP	40	279	-	51	1.25	316	2.70	-0.81	27.0	4.1	42	28	260	-83	16.8	27	58	121	117	108	105	11	104

EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKORTINGS

Lot Number	LOT	Lot Nommer
Estimated breeding value	EBV	Beraamde teelwaarde
Parentage verification	Parentage	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	Ouderdom in jaar / Aantal kalwings
Average Wean index / Number of calves weaned	Ave WI / CALV.	Gemiddelde speen indeks / Aantal kalwers gespeen
Animal identification number	ID	Dier se identifikasie nommer
Herd Book Section	SEC	Kuddeboek Afdeling
Herd Book Section: Pending Registration	PEN	Kuddeboek Afdeling: Wag vir Registrasie
Herd Book Section: Not for Registration	NFR	Kuddeboek Afdeling: Nie vir Registrasie
Herd Book Section: Foundation Generation	FO	Kuddeboek Afdeling: Fondasie Generasie
Herd Book Section: Appendix A	A	Kuddeboek Afdeling: Aanhangsel A
Herd Book Section: Appendix B	B	Kuddeboek Afdeling: Aanhangsel B
Herd Book Section: Studbook Proper, a registered animal	SP	Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier
Genomically Tested	GT	Genomies Getoets
Homozygous Horned (Celtic test)	HH(c)	Homosigoties horings (Celtic toets)
Homozygous Polled (Celtic test)	PP(c)	Homosigotiets Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	Fenotopies Poena
Intercalving Period	ICP	Tussen-Kalf Periode
Birth Direct breeding value	Birth Dir.	Geboorte Direk teelwaarde
Wean Direct breeding value	Wean Dir.	Speen Direk teelwaarde
Wean Maternal breeding value	Wean Mat.	Speen Maternaal teelwaarde
Scrotal Circumference	Scr. Circ.	Skrotum omtrek
Heifer Fertility	Heifer Fert.	Vers Vrugb.
Cow Fertility	Cow Fert.	Koei Vrugb.
Longevity	Longev.	Lankl.
Mature Weight	Mat. Wt.	Volw. Gewig
Average Daily Gain (g/day)	ADG	GDT
Feed Conversion Ratio (kg:kg)	FCR	VOV
Eye Muscle Area	EMA	OSO
Backfat Thickness	Fat	Vet
Marbeling (intra-muscular fat)	Mar	Mar
365-day weight index	365D Index	365D Indeks
540-day weight index	540D Index	540D Indeks
Length-Height ratio	LH	LH
Actual Birth weight	Birth Wt.	Geb. gewig
205-day Dam-age corrected weight	205d Wt.	205d gewig
Cow-Calf Birth Ratio	CCG	KKG
Cow-Calf Wean Ratio	CCW	KKS
Average Weaning Index	Avg. Wean Index	Gem. Spn. Indeks
Number of Calves	Nr. Calves	Aant. Kalw.
Reproduction Index	Repr. Index	Repr. Indeks
Animal sex: M - Male, F - Female	M / F	M / V