Selection Values

0713978BO

Breeders usually want to select more than one trait at a time. However, it is difficult to identify the 'best' animal when there are many traits and consequently many breeding values involved. A selection value combines different weighted breeding values into a single value. Breeding values are weighted according to their economic importance and genetic heritability, and thus include the advantages and disadvantages of different traits in a balanced way. For example, Fertility counts much more than Calving Ease. The sub-indices and Cow value are also individually expressed as indices, where 100 indicates the average of all the animals.

Table 1: The traits and breeding values used to compile the Cow Value

Sub-value	Weight (%)	Breeding value	Breeding value weight (%)
Calving Ease	9%	Birth Direct	6 (-)
		Birth Maternal	3 (-)
Calf Growth	23%	Wean Direct	23 (+)
Milk	18%	Wean Maternal	18 (+)
Maintenance	12%	Mature Weight	12 (-)
Fertility	36%	Heifer Fertility	10 (-)
		Cow Fertility	13 (-)
		Longevity	13 (+)

What does the 'ideal' animal look like?

The animal with the highest selection values is theoretically the ideal animal.

Calving ease: An animal with negative breeding values for Birth direct and Birth maternal will have a positive Calving Ease value.

Calf Growth: Animals with a higher Weaning weight breeding value (Wean direct) will have a higher Calf Growth value.

Milk: Animals with a positive milk breeding value (Wean maternal) will get a higher Milk value.

Maintenance: Mature weight is weighed negatively because larger cows require more energy for maintenance.

Fertility: Negative breeding values indicate more fertile animals, and therefore fertility is weighted negatively. This will result in positive selection values.

Cow value: The sub-values are combined as in the table to obtain the cow value.

Growth value: This combination of traits places more emphasis on growth. Weighting is as follows: Calving Ease 7%, Calf Growth 53%, Milk 20% and Maintenance 20%.

Production value: The Cow Value and Growth value are weighed in a 70:30 ratio.

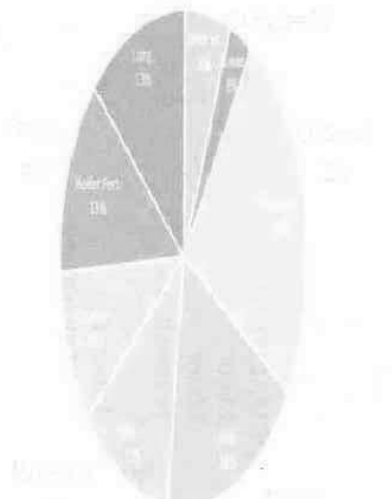
Breeding Objectives

A breeding objective is still essential, as two animals with different strengths and weaknesses may receive the same Selection Value. The bull with the highest Cow Value should therefore not be selected blindly, sub-values should also be inspected. Select bulls carefully, for example:

Bull to use on heifers: High Calving Ease and average Calf Growth and Maintenance. These traits are antagonistic to each other since low birth weight is associated with low growth and low mature weight, resulting in a small cow which will not calve easily in future.

Bull to breed replacement heifers: High Fertility, good Milk and Calf Growth, average Maintenance.

Bull for (terminal) crossbreeding (ONLY on mature crossbred cows that are easy-calving and in a good environment): Maximum Calf Growth. Fertility and Milk are not important if all offspring are slaughtered.



Veilingsdatum: 05/08/2023
Data soos op 24/07/2023

BORAN BEESTELERSGENOOTSKAP VAN SA

Saamgestel deur die Suid-Afrikaanse Stamboek- en Veeverbeteringsvereniging
Stamboom- en Prestasiedata korrek gesertifiseer

EXPLANATION OF ABBREVIATIONS IN CATALOGUE
VERDUIDELIKING VAN AFKORTINGS IN KATALOGUS

Lot number	LOT	LOT	Lotnommer
Identification number	Ident. Number	Ident. Nommer	Identifikasienommer
Index	Ind	Ind	Indeks
Accuracy of breeding value	Acc	Akk	Akkuraatheid van teelwaarde
Birth direct (kg)	Birth Dir	Geb Dir	Geboorte direk (kg)
Birth maternal (kg)	Birth Mat	Geb M	Geboorte maternaal (kg)
Wean direct (kg)	Wean Dir	Speen Dir	Speen direk (kg)
Wean maternal (kg)	Wean Mat	Speen Mat	Speen maternaal (kg)
Mature weight (kg)	Matur Wgt	Vol GewIG	Volwasse gewig (kg)
Scrotal circumference (mm)	Scr	Skr	Skrotum omvang (mm)
Age in years and months	Age	Oud	Ouderdom in jare en maande
Average Wean index	Avg WI	Gem SI	Gemiddelde Speenindeks
Reproduction index	R.I.	R.I.	Reproduksie Indeks
Age first calving	AFC	OEK	Ouderdom eerste kalwing
Inter calving period	ICP	TKP	Inter kalwings periode
Weaning weight	WW	SP	Speengewig
Post wean	PW	NS	Naspeen
Wean weight ratio	WWR	SGV	Speengewig verhouding
Birth weight ratio	BWR	GGV	Geboortegewig verhouding
Breeding value	BV	TW	Teelwaarde
Breeding value index	BV Ind	TW Ind	Teelwaarde indeks
Registration number	Reg. number	Reg. nommer	Registrasie nommer
Ouerskap verifikasie	OV	PV	Parentage verified
Vaar geverifieer	S	S	Sire verified
Moeder geverifieer	D	D	Dam verified
Beide geverifieer	B	B	Both sire and dam verified

Description of traits and breeding objectives

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Calving Ease	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
Calf Growth	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
Fertility	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
Growth	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]

Additional notes

[illegible]

LOT 1

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H DIANNA	BH 200414	VROULIK	SP	REG	0091397489	24-NOV-20	B

0665142 BOR

IMPOFU RANCHING (PTY) LTD

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	4.8	-2.6	-2.2	1.1	-7.6	-3	-2.2	-8.7	23.45	7	-	-
Akk	73	42	40	33	33	25	31	23	33	35		
TW Ind	95	109	87	102	109	102	93	93	103	97		
TW Ind	100		87	102	111		118		103			

Inent. -

In Vitro

Embrio Kalwers: 0

Toetse: -

Teler Opmerking: Magnificent heifer! [illegible] from the incredible [illegible] combined with the super [illegible] Dianna. [illegible] WZ 14 [illegible] BH 16 [illegible]

Kd* [illegible]

LOT 2

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H DIANNA	BH 180035	FEMALE	SP	REG	0086915844	13-JAN-18	B

0871105BOR

Mutanda Farm and Property Development

K + C - BH 220291

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	-3.3	0.0	-2.6	2	5.9	-4.3	-2.7	4.7	16.67	-0.8	-	-
Acc	67	43	51	43	52	41	33	29	43	35		
BV Ind	97	84	86	106	107	126	92	102	100	74		
BV Ind	95		80	106	119		95		100			

Vacc. -

In Vitro

Embryo Calves: 0

Traits: -

Breeder Remark: [illegible]

Calf on [illegible] under the procedure of Embryo, has been conceived, but still needs to be approved.

LOT 3

0585178000, BOTHA FAMILIE TRUST, P/A MNR H.J. BOTHA POSBUS 69 CEDARVILLE 4720, 0834408720

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
SHEEPRUN BFT200010	BFT 200010	VROULIK	SP	REG	0090918038	11-SEP-20	S

0713976BOR

Bosch, CG

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	0.6	-1.6	5.2	2.3	-8.1	-7	8.5	10.1	36.94	3.7	8.47	44.78
Akk	75	44	76	37	37	20	30	21	40	17		
TW Ind	102	102	109	107	111	104	112	110	113	103		
TW Ind	104		109	107	109		89		113			

Inent. -

In Vitro

Embrio Kalwers: 0

Toetse: -

Teler Opmerking: [illegible]

Kalf [illegible]

LOT 4

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H TAMARA	BH 200460	FEMALE	SP	REG	0091617779	04-DEC-20	B

0502644BOR

Olivier, N

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	1.06	-0.6	6.8	2.8	-12.8	-2.3	9.4	5.6	47.3	3.4	-	-
Acc	74	47	36	39	43	31	31	30	35	32		
BV Ind	84	95	114	109	115	111	117	104	120	103		
BV Ind	83		114	109	116		94		126			

Vacc. -

In Vitro

Embryo Calves: 0

Traits: -

Breeder Remark: [illegible]

Calf on [illegible] under the procedure of Embryo, has been conceived, but still needs to be approved.

LOT 5

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam:	Ident nommer	Geslag	Afdeling	Status	Reg nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H KOLBY	BH 180602	MANLIK	SP	REG	0088405378	10-NOV-18	

0666943BOR

Sterkfontein Borane

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Kt Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	4	-4.1	3.3	3.7	0	-6	3.4	5	32 040	4.6	-	-
Akk	62	61	56	54	56	40	42	37	40	43		
TW Ind	96	111	103	112	95	103	105	103	109	105		
TW Ind	102		103	112	103		95		109			

Ingent -

Semen beskikbaar: Nee

Toetse: -

Teler Opmerking: Stud bull. Female pedigree of predictability! One of the last remaining [illegible] [illegible] the famous [illegible] - [illegible] Perfect EBVs. [illegible]

Kalf aan voet is onder beskerming van Genootskap [illegible]

LOT 7

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

083 654 7113

nielamit @ymail.com

9410016316089

NON

Plaas 115, Wegwyzer shoek, Riversdal, 667

1282 Anahita Avenue, Peach Tree x3

copper leaf golf

Naam	Ident nommer	Geslag	Afdeling	Status	Reg nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H THANDI	BH 180171	VROULIK	SP	REG	0088291133	01-JUN-18	

~~0712661NON~~

~~C TAFIREY~~

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Kt Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	94	-53	2.4	3.9	20.6	3.9	2.2	16.5	-34	11	-	-
Akk	58	54	48	48	60	33	26	27	40	20		
TW Ind	96	115	100	113	74	84	103	110	67	118		
TW Ind	95		100	113	79		81		67			

Ingent -

In Vitro

Embrio Kalwers: 0

Toetse: -

Teler Opmerking: 3 in 1. [illegible] [illegible] [illegible] BH 23 96 [illegible]

Kalf aan voet is onder beskerming van Genootskap [illegible]

LOT 6

0691923000, WALTKON SLAGHUIS, POSBUS 250 NABOOMSPRUIT 0560, 0836232244

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
MOSDENE MOS 200236	MOS 200236	FEMALE	SP	REG	0091163774	09-NOV-20	

0695978BOR

Cherokee Borans

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	1	1.9	8.7	3.3	-6.7	-4	9.5	14.4	51.53	3.4	-	-
Acc	26	47	70	42	40	22	26	23	42	21		
BV Ind	85	91	122	110	105	115	118	116	123	103		
BV Ind	88		122	110	114		84		123			

Vacc -

In Vitro

Embrio Calves 0

Tests -

Breeder Remark: Superb Dunes daughter with length, depth, frame and width in balance. Bloodlines produced [illegible]

Calf at foot is under the protection of Society, has been observed, but still needs to be [illegible]

LOT 8A

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
CIRCLE H DELAINEY	BH 190345	FEMALE	SP	RRG	0089520720	15-OCT-19	

0703670BOR

Blackox

IK + KF BH 22/0296

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	06	23	9	1	-20.2	-2.4	-8	-11.4	42.81	-0.1	-	-
Acc	76	57	48	45	66	32	42	32	42	31		
BV Ind	102	89	96	99	124	112	97	78	117	82		
BV Ind	97		96	98	122		122		117			

Vacc -

In Vitro

Embrio Calves 0

Tests -

Breeder Remark: 3 in 1. Typical Bira daughter. Feminine and fertile with [illegible] The sire Mysore 8022 with [illegible] Cow value 117 [illegible]

Calf at foot is under the protection of Society, has been observed, but still needs to be appraised.

LOT 8B

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap-Verifikasie voltooi
CIRCLE H DELAINEY	BH 220296	VROULIK	SP	CLB	0094847746	30-OCT-22	B

Verkoop saam met LOT 8A

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Insit -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	15	11	1.9	-5	-4	-14	-7	5.0	20.07	-1.2	-	-	In Vitro
Akk	53	33	35	31	37	31	23	21	20	23			Embrio Kalwers: 0
TW Ind	100	94	99	97	100	107	97	97	103	93			Toetse -
TW Ind	93		99	97	105		115		108				
Teler Opmerking	[illegible]												

Kalf aan voet, [illegible]

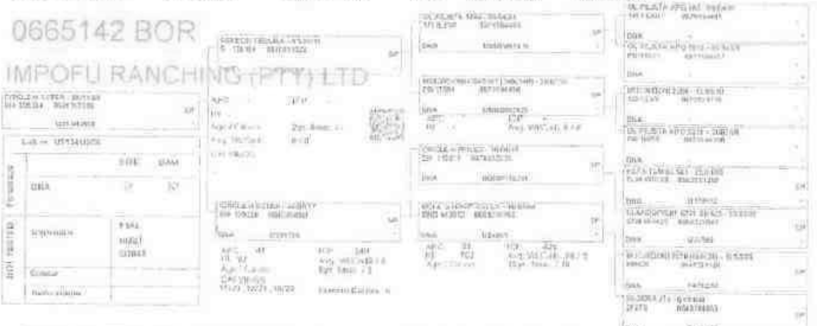
LOT 9

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H ESTER	BH 200394	FEMALE	SP	REG	0091397380	20-NOV-20	B

0665142 BOR

IMPOFU RANCHING (PTY) LTD



	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	-2.1	10	3.0	2.1	5.6	-2	1.8	1.8	28.53	-7	-	-	In Vitro
Acc	57	44	46	37	48	21	19	18	34	20			Embryo Calves: 0
BV Ind	102	91	104	106	83	100	102	98	106	94			Tests -
BV Ind	102		104	106	97		100		106				
Breeder Remark	Tip top female daughter in perfect balance and deep dark pigment. Exclusive Kenyan genetics with the legendary Peter and Ester Dam: ICP 3400 [illegible]												

Calf on foot: [illegible] needs to be appraised.

LOT 10A

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap-Verifikasie voltooi
CIRCLE H JOKER	BH 180761	MANLIK	SP	REG	0093646321	27-NOV-18	B

0711235BOR

Green Valley Crops

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Insit -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	25	07	6.9	1.9	-15	-2.9	7.6	6.7	52.31	6.4	-	-	
Akk	65	41	82	55	63	46	58	45	51	54			Semen skenker: Nee
TW Ind	89	95	113	105	118	114	114	105	123	109			Toetse -
TW Ind	97		113	105	121		93		123				
Teler Opmerking	[illegible]												

Kalf aan voet, [illegible]

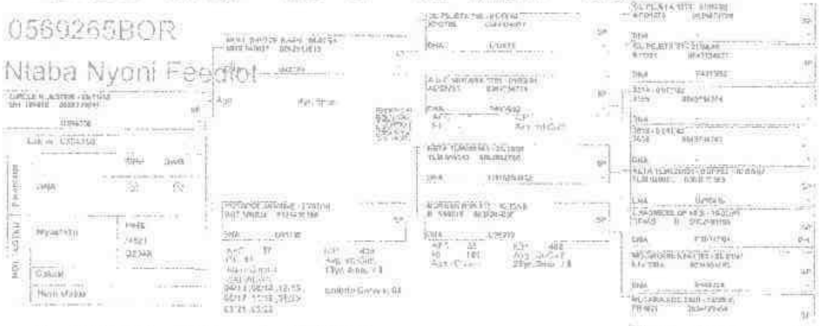
LOT 10B

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H JESTER	BH 180490	MALE	SP	REG	0088239810	08-NOV-18	B

0569265BOR

Ntaba Nyoni Feedlot



	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	29	37	6.9	1.9	-16	2.9	7.6	6.7	52.31	6.4			
Acc	62	64	62	58	63	46	56	40	51	54			Semen donor: No
BV Ind	99	95	113	105	118	114	114	105	122	109			Tests -
BV Ind	97		113	105	121		93		123				
Breeder Remark	[illegible]												

Calf on foot: [illegible]

LOT 11

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H KAYLEY	BH 190687	VROULIK	SP	REG	0090021452	25-DEC-19	

0703670BOR
Blackox
K + KF - BH 22-0647

[illegible]

Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigrootte		Koei Waarde	Bul	Verhouding		Inteel -
	Geb Dir	Geb M	W Dir	W Mat	OEK	THP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	0	.02	6.9	1.8	-.7	.2	7.4	19.1	31.19	2.6		-	In Vitro
Akk	59	59	50	55	54	34	32	32	44	33			Embrio Kalwers 0
TW Ind	103	77	113	105	108	100	113	121	109	101			Toetse -
TW Ind	92		113	105	108		79		109				

Teler Opmerking: [illegible]

[illegible]

LOT 12

0490910000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
CIRCLE H LIZZY	BH 190286	FEMALE	SP	REG	0089206312	17-AUG-19	

0711235BOR
Green Valley Crops
K + KF - BH 22-0477

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	.03	.16	5.4	3.1	1.7	.3	4.5	1.1	33.73	.9	-	-	In Vitro
Acc	76	53	54	46	62	34	44	32	43	35			Embrio Calves 0
BV Ind	103	92	109	110	97	100	107	37	115	115			Tests -
BV Ind	99		109	110	103		101		115				

Breeder Remark: [illegible]

[illegible]

LOT 13

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H ELEANOR	BH 190522	VROULIK	SP	REG	0089609002	20-NOV-19	

0712661NON - C TAFIREYI
K + KF - BH 220612

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigrootte		Koei Waarde	Bul	Verhouding		Inteel -
	Geb Dir	Geb M	W Dir	W Mat	OEK	THP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	-.12	4	3.4	4.7	16.3	-.9	1	5.8	29.76	4.4	-	-	In Vitro
Akk	75	47	45	40	60	33	18	22	37	18			Embrio Kalwers 0
TW Ind	105	84	103	115	87	105	104	104	108	105			Toetse -
TW Ind	93		103	115	99		93		108				

Teler Opmerking: [illegible]

[illegible]

LOT 14A

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
CIRCLE H JASMINE	BH 200461	FEMALE	SP	REG	0093248425	01-DEC-20	

0711235BOR
Green Valley Crops

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	1.02	.06	9.8	2.4	1.2	-.5	12.9	4.8	46.46	9.3	-	-	In Vitro
Acc	50	54	48	42	57	35	37	32	39	41			Embrio Calves 0
BV Ind	85	95	122	107	98	103	125	103	119	115			Tests -
BV Ind	84		122	107	104		93		119				

Breeder Remark: [illegible]

[illegible]

Plot 2331, Leopards Hill Road,
Lusaka Zambia.

NW

Damian Roberts
+260966861106
Damian@kboran.com

LOT 14B

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H JASMINE	BH 200539	VROULIK	SP	REG	0093248567	31-DEC-20	B

0711235BOR
Green Valley Crops

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	1.02	30	9.6	2.4	1.2	-.5	12.9	4.8	48.45	9.3	-	-
Akk	50	54	40	42	57	35	31	32	39	41		
TW Ind	85	95	122	107	96	103	125	103	119	115		
TW Ind	84		122	107	104		105		119			

Inent. -
In Vitro
Embrio Kalwers: 0
Toetse: -

Teler Opmerking: [illegible]

KaF [illegible]

LOT 16

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H BOERVROU	BH 200220	VROULIK	SP	REG	0090413485	19-MAY-20	B

Vastrap Boran -
0610724BOR

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Gab M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	3	48	7.1	3.9	4.1	3.2	3.5	9.5	31.35	7.4	-	
Akk	72	45	36	35	35	21	30	18	31	20		
TW Ind	98	81	114	113	95	87	118	109	109	111		
TW Ind	88		114	113	94		89		109			

Inent. -
In Vitro
Embrio Kalwers: 0
Toetse: -

Teler Opmerking: [illegible] as close to perfection as possible. [illegible]

KaF [illegible]

LOT 15

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parentage verification done
CIRCLE H TITANIUM	BH 180113	MALE	SP	REG	0087526257	24-FEB-18	B

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	-.09	13	7.1	3	-3.3	-3.3	7.6	10.2	43.92	11.7	-	41.27
Acc	53	51	67	49	44	27	30	30	44	41		
BV Ind	105	93	114	109	104	116	113	123	117	120		
BV Ind	102		114	109	114		78		117			

Visio -
Semen donor: No
Tests -

Breeder Remarks: [illegible]

[illegible]

LOT 17

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parentage verification done
CIRCLE H BERSHKA	BH 200253	FEMALE	SP	REG	0090730383	08-JUN-20	B

0694298BOR
Iminathi Boran
K + KF - BH 23-0241

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	.47	-.18	6.2	2.3	20.7	3.8	6.5	13.0	-5.04	2.5	-	-
Acc	72	42	32	29	53	14	16	11	29	17		
BV Ind	95	102	111	90	62	89	111	115	85	101		
BV Ind	96		111	90	80		86		85			

Visio -
In Vitro
Embrio Calves: 0
Tests: -

Breeder Remarks: [illegible]

[illegible]

LOT 18
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H CELINA	BH 180119	VROULIK	SP	REG	0087526315	02-MAY-18	B

0712661NON -
C TAFIREYI
K + KF - BH220651

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	66	-.30	-2.3	2.2	20	6.1	-4.5	1.1	-10.63	-2.5	-	-
ALL	62	54	46	45	60	31	26	26	30	27		
TW Ind	91	109	67	106	75	74	89	97	76	89		
TW Ind	97		67	106	73		101		76			

Inteel -

In Vitro
Embrio Kalwers: 0
Toetse: -

Teler Opmerkings: [illegible]

[illegible]

LOT 19
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H NANCY	BH 200286	FEMALE	SP	REG	0090734989	01-JUL-20	S

0671106BOR
Mutanda Farm and Property Development

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	.81	-.36	2.1	2.6	12.6	1.6	9	2.7	9.3	5.2	-	-
Acc	74	51	42	37	44	29	27	29	38	27		
BV Ind	89	109	100	108	84	94	100	89	94	106		
BV Ind	94		100	108	86		98		94			

Varc -

In Vitro
Embrio Calves: 0
Tests -

Breeder Remark: [illegible]

[illegible]

LOT 20
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H RUGER	BH 180637	MANLIK	SP	REG	0088528294	27-DEC-18	B

0712661NON -
C TAFIREYI
K + KF - BH 23-0163

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	-.24	-.1	5.6	3.1	.9	-2.1	1.9	4.8	26.58	3.6	-	-
ALL	60	58	40	40	52	30	26	25	39	32		
TW Ind	107	100	110	87	98	111	102	102	105	103		
TW Ind	108		110	87	108		87		105			

Inteel -

Semenstrekker: Nee
Toetse: -

Teler Opmerking: [illegible]

[illegible]

LOT 21
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H CHANTELLE	BH 190740	FEMALE	SP	REG	0090995451	10-DEC-19	B

0711235BOR
Green Valley Crops
K + KF - BH 22-0670

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	-.03	-.06	2.9	-.4	6.1	.8	.5	5.2	12.7	6	-	-
Acc	50	52	47	43	91	26	26	21	38	29		
BV Ind	104	99	102	97	90	96	99	103	96	108		
BV Ind	104		102	97	96		95		96			

Varc -

In Vitro
Embrio Calves: 0
Tests -

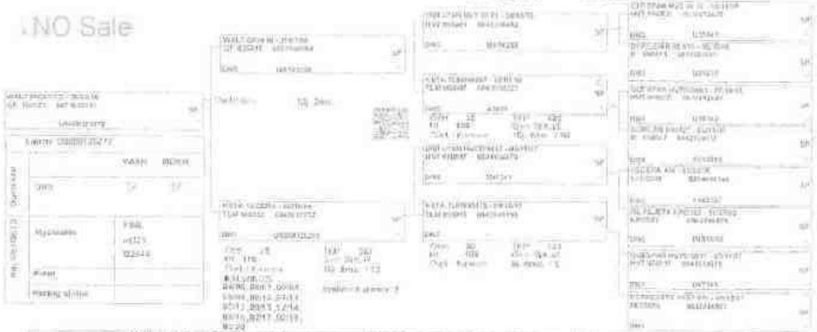
Breeder Remark: [illegible]

[illegible]

LOT 22

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
WALT PICASSO	GF 100023	MANLIK	SP	CAN	0071828917	30-AUG-10	B

.NO Sale



	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent. -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	-1.25	-.13	3	-4	0.2	0	-4.3	-2	4.24	4.0	-	50.65	
Akk	88	79	72	59	76	32	30	27	54	42			Semen Skenker: Ja
TW Ind	125	101	94	94	85	97	89	99	90	100			Tweling: -
TW Ind	125		94	94	97		107		90				

Teler Opmerking: [illegible]

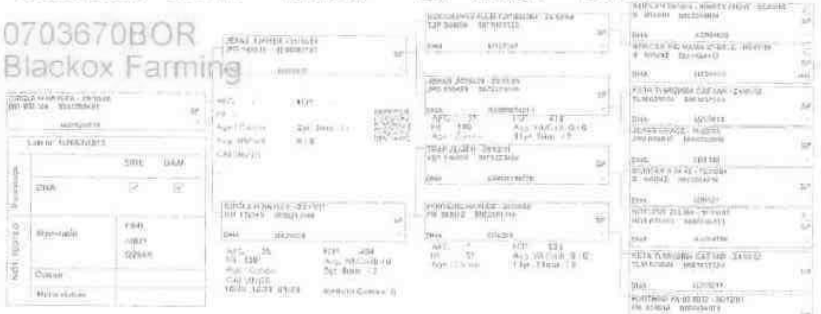
[illegible]

LOT 23

0480919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H HAYLEE	BH 200324	FEMALE	SP	REG	0091060491	26-OCT-20	B

0703670BOR
Blackox Farming



	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc. -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	.75	.07	5.1	2.0	-1.8	1.5	8	8.1	25.69	7	-	-	In Vitro
Acc	73	41	43	31	30	19	26	14	21	31			Embrio Calves 0
BV Ind	89	95	100	100	102	84	115	107	106	110			Twins -
BV Ind	88		102	108	101		91		106				

Breeder Remark: [illegible]

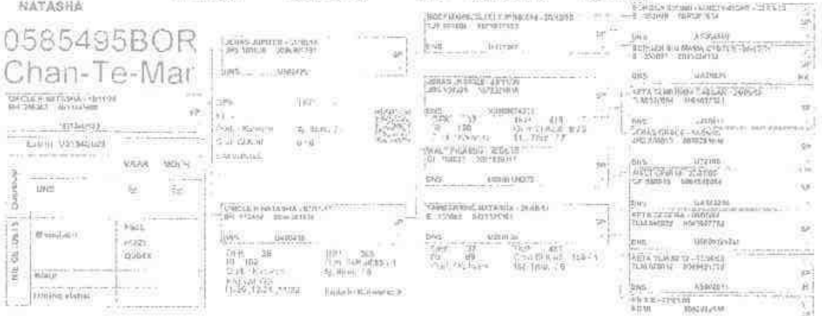
[illegible]

LOT 24

0480919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H NATASHA	BH 200363	VROULIK	SP	REG	0091395400	10-NOV-20	B

0585495BOR
Chan-Te-Mar



	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent. -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	.52	-.07	2.3	.9	-.11	.3	2	5.5	18.55	5.8	-	-	In Vitro
Akk	57	37	41	30	38	23	26	15	30	26			Embrio Kalwers 0
TW Ind	94	100	100	101	101	102	102	103	100	108			Tweling
TW Ind	95		100	101	105		95		100				

Teler Opmerking: [illegible]

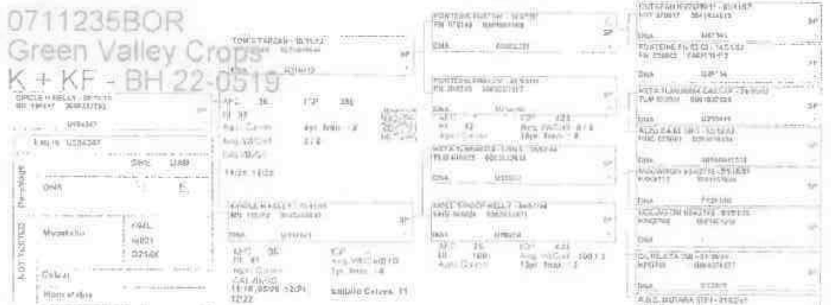
[illegible]

LOT 25

0480919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H KELLY	BH 180487	FEMALE	SP	REG	0088239793	08-NOV-18	B

0711235BOR
Green Valley Crops
K + KF - BH 22-0519



	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc. -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	.32	-.54	-1.1	-.6	4.0	3.9	-6.7	-10.6	2.17	1.9	-	-	In Vitro
Acc	75	46	47	41	60	30	31	27	33	35			Embrio Calves 6
BV Ind	97	115	84	96	94	84	84	80	89	99			Twins -
BV Ind	105		84	96	92		121		89				

Breeder Remark: [illegible]

[illegible]

LOT 26
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS – Ouerskap Verifikasie voltooi B
CIRCLE H LOLO	BH 190436	VROULIK	SP	REG	0089530109	26-JUN-19	

0712661NON
C TAFIREYI
K + KF - BH 22-0287

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ko.Sp	Vol Gewig	Waarde	Skr	GCV	SGV	Insp. -
TW	1.03	-.18	6	7	12.2	-5	7.2	9.6	23.43	1	-	-	In Vitro
Akk	75	53	49	44	59	30	30	27	41	34			Embrio Kalwers: 0
TW Ind	85	103	111	101	85	103	112	109	103	86			Toetse: -
TW Ind	92		111	101	101		98		102				

Tele Opmerkings: [illegible]

Kalf aan voet is onder beskerming van Genootskap se [illegible]

LOT 27B
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS – Ouerskap Verifikasie voltooi B
CIRCLE H CELINE	BH 220194	VROULIK	SP	CLB	0094211513	15-OCT-22	

Loop saam met Lot 27A

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ko.Sp	Vol Gewig	Waarde	Skr	GCV	SGV	Insp. -
TW	-.51	-.27	2.9	.4	-15	3	-6.6	-5.7	23.50	5.6	-	-	In Vitro
Akk	51	60	56	46	49	30	42	31	41	29			Embrio Kalwers: 0
TW Ind	112	106	83	100	118	100	84	87	104	83			Toetse: -
TW Ind	115		85	100	113		115		104				

Tele. Opmerking: Exceptional length and [illegible]

Kalf aan voet is onder beskerming van Genootskap se [illegible] maar moet nog geweeg word.

LOT 27A
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done E
CIRCLE H CELINE	BH 180282	FEMALE	SP	REG	0089307805	01-OCT-18	

0671106BOR
Mutanda Farm and Property Development
K + KF - BH 22-0194

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	Vacc -
BV	.33	-.27	2	1.6	-.3	-1.1	1.1	18.3	16.56	-1.7	5.33	51.34	In Vitro
Acc	76	52	71	49	58	33	26	32	40	31			Embrio Calves: 0
BV Ind	97	105	99	104	100	106	100	119	99	92			Tests -
BV Ind	101		99	104	106		82		99				

Breeder Remarks: 2 in 1. Top Heifer [illegible]

Calf on foot is under the protection of Society, has been [illegible] but still needs to be weighed.

LOT 28A
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done U
CIRCLE H LOLO	BH 180358	FEMALE	SP	REG	0088086303	12-OCT-18	

0665142 BOR
IMPOFU RANCHING (PTY) LTD
K + KF - BH 22-0244

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	Vacc -
BV	17	-.07	4.8	6	10.1	3.8	4.6	8.7	44.4	1.2	-	-	In Vitro
Acc	77	58	46	41	56	32	36	30	40	40			Embrio Calves: 0
BV Inc	100	99	107	100	122	119	107	109	119	98			Tests -
BV Inc	100		107	108	128		91		119				

Breeder Remarks: 3 in 1. Only [illegible] Line bred KFC [illegible]

Calf on foot is under the protection of Society, has been [illegible] but still needs to be weighed.

LOT 28B

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H LOLO	BH 220244	VROULIK	SP	CLB	0094211919	23-OCT-22	B

Kalf gaan saam met LOT 28A

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Hu Sp	Vol Gewig	Waarde	Skr	GOV	SGV	
TW	-39	-13	1	5	-16.2	-4.2	0	7.3	51.3	4.0	-	-	In Vitro
Akk	73	43	37	36	41	78	24	19	31	27			Embrio Kalwers: 0
TW kp	110	101	96	117	122	120	89	106	122	106			Toetse: -
TW inl	111		96	117	129		91		122				

Teler Opmerking: [illegible]

LOT 30

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H WELLINGTON	BH 190284	MANLIK	SP	REG	0089450910	05-OCT-19	B

0671106BOR
Mutanda Farm and Property Development

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Hu Sp	Vol Gewig	Waarde	Skr	GOV	SGV	
TW	-24	25	2	4.7	4.3	8.2	0	1.7	10.68	1	-	-	
Akk	58	42	43	35	47	25	26	20	33	27			Semen nommer: Neo
TW ind	107	93	99	110	94	74	100	98	109	97			Toetse: -
TW inl	102		99	110	86		99		109				

Teler Opmerking: [illegible]

LOT 29

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
CIRCLE H LOLO	BH 190258	FEMALE	SP	REG	0089222020	01-OCT-19	B

0711235BOR
Green Valley Crops
K + KF - BH 22-0527

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	11	14	2.3	2.2	-2.9	1.1	1.1	1.7	20.31	-1.6	-	-	In Vitro
Acc	76	40	44	33	88	24	26	23	37	20			Embrio Calves: 0
BV Ind	101	92	100	107	103	96	150	93	107	92			Tests: -
BV Inf	98		100	107	100		100		107				

Breeder Remark: [illegible]

LOT 31A

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
CIRCLE H KIM	BH 160414	FEMALE	SP	REG	0085011591	04-DEC-16	B

0665142 BOR
IMPOFU RANCHING (PVT) LTD
K + KF - BH 22-0314

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	-41	-17	6.3	-5.9	7.1	8.3	-	-	-	-	-	-	In Vitro
Acc	53	67	37	43	81	25		-	-	-			Embrio Calves: 0
BV Ind	111	103	109	77	91	125	-	-	-	-			Tests: -
BV Inf	112		109	77	113		-		-				

Breeder Remark: [illegible]

LOT 31B

0490019000, S. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H KIM	BH 220314	VROULIK	SP	CLB	0094504917	29-OCT-22	

Kalf loop saam met Lot 31B

[illegible]

Vroulike diere jonger as 15 maande

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ka Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	-14	-07	4.3	-1.6	-2.2	3.3	3.8	0.8	30.64	-1.2	-	-
Akk	54	45	34	35	42	26	22	10	30	25		
TW Ind	106	99	108	93	102	118	106	105	108	93		
TW Ind	105		108	93	113		94		108			

Inent: -

In Vitro

Embrio Kalwers: 0

Toetse: -

Telers Opmerking: [illegible]

[illegible]

LOT 32

0490019000, S. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
CIRCLE H ZELDA	BH 190259	FEMALE	SP	REG	0089222038	01-OCT-19	

0703670BOR
Blackox Farming
K + KF - BH 22-5114

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	.05	-.39	3.5	2.3	-0.2	1.6	4.2	12.7	30.01	12.1	-	-
Acc	73	49	40	43	56	24	29	24	36	32		
BV Ind	102	110	105	109	106	93	107	114	108	121		
BV Ind	107		105	109	106		86		108			

Vacc: -

In Vitro

Embrio Calves: 0

Tests: -

Breeder Remark: [illegible]

[illegible]

LOT 33

0490019000, S. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi: B
CIRCLE H THANDI	BH 190317	VROULIK	SP	REG	0090200288	05-OCT-19	

Green Valley Crops -
0711236BOR
K + KF - BH220366

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ka Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	1	23	1.9	4.3	1.2	2.5	4.3	11.2	31.12	4.3	-	-
Akk	74	45	43	40	58	33	22	18	30	24		
TW Ind	101	90	108	114	98	99	107	112	109	105		
TW Ind	97		108	114	100		97		109			

Inent: -

In Vitro

Embrio Kalwers: 0

Toetse: -

Telers Opmerking: [illegible]

[illegible]

LOT 34

0490019000, S. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done: B
CIRCLE H SUNSHINE	BH 200204	FEMALE	SP	REG	0090419805	07-MAY-20	

0671106BOR
Mutanda Farm and Property Development

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	-1	.07	6	7	-5.4	2.5	3.0	11.9	29.65	6.1	-	-
Acc	75	45	49	42	48	28	26	22	38	25		
BV Ind	105	95	111	101	106	90	106	112	104	108		
BV Ind	103		111	101	97		88		104			

Vacc: -

In Vitro

Embrio Calves: 0

Tests: -

Breeder Remark: [illegible]

[illegible]

LOT 35

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident nommer	Geslag	Afdeling	Status	Reg nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H SOCRATES	BH 180123	MANLIK	SP	REG	0087526349	10-MAY-18	B

0712661 NON
CTAFIREY4F
[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ka Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	56	-.28	.2	4.5	3.3	2.1	-1.2	2.3	17.32	0.5	-	-
Akk	60	51	44	42	45	20	24	23	36	25		
TW Ind	93	106	99	115	96	91	95	102	99	116		
TW Ind	97		98	115	94		95		99			

Inent. -

[illegible]: Nee

Toetse: -

Teler Opmerking: [illegible]

LOT 36

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
CIRCLE H TESCO	BH 190027	FEMALE	SP	REG	0085687421	08-JAN-19	B

0691957BOR
Moola Boerdery
K + KF - BH 23-0193

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	37	38	6.3	2.5	2.0	6.6	9	4.7	21.65	2.0	-	-
Acc	51	40	41	3?	54	27	34	18	32	20		
BV Ind	95	85	112	108	86	72	117	102	102	101		
BV Ind	90		112	108	87		95		102			

Vacc. -

In Vitro

Embrio Calves: 0

Tests -

Breeder Remark: [illegible]

LOT 37

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident nommer	Geslag	Afdeling	Status	Reg nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H JERSEY	BH 190611	VROULIK	SP	REG	0089693766	22-SEP-19	B

Jannie Meyer _AND_ Seuns Boerdery
0685000BOR
K + KF - BH230233

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ka Sp	Vol Gewig	Waarde	Skr	GGV	SGV
TW	51	-.05	3.1	-2.9	-12	0	3.1	6.4	12.95	7.5	-	-
Akk	53	48	35	30	60	30	22	26	34	26		
TW Ind	94	99	103	88	114	97	104	103	96	112		
TW Ind	94		103	88	110		92		96			

Inent. -

In Vitro

Embrio Kalwers: 0

Toetse -

Teler Opmerking: [illegible]

LOT 38

0691923000, WALTKON SLAGHUIS, POSBUS 250 NABOOMSPRUIT 0560, 0836252244

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
MOSDENE MOS 200168	MOS 200168	FEMALE	SP	REG	0090960667	17-OCT-20	B

0691957BOR
Moola Boerdery

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	33	22	13.1	-3.5	-6.2	-5	16.6	13.7	42.16	-1	-	-
Acc	72	47	71	42	38	19	38	26	41	23		
BV Ind	97	90	132	97	107	103	120	115	118	95		
BV Ind	93		132	97	108		86		118			

Vacc. -

In Vitro

Embrio Calves: 0

Tests -

Breeder Remark: [illegible] BH 18 200 [illegible]

LOT 39

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H THANDI	BH 200680	VROULIK	SP	REG	0091662049	21-DEC-20	B

0671106BOR
Mutanda Farm and Property Development

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	4	-23	4.7	4	-3	-1.4	5.3	13.3	23.64	13.3	-	-	In Vitro
Akk	74	46	40	41	43	29	30	24	36	32			Embrio Kalwers: 0
TW Ind	96	105	107	100	100	107	109	115	104	117			Toetse -
TW Ind	99		107	100	104		96		104				

Telers Opmerking: [illegible]

[illegible]

LOT 40

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
CIRCLE H KONG	BH 190303	MALE	SP	REG	0085517379	11-OCT-19	5

0585178BOR
Botha Familie Trust

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	7.9	-1.9	0.7	-2.1	1	-4.5	2.3	0.1	28.75	3.1	-	-	
Acc	56	44	40	30	43	24	22	20	35	24			Semen donor: No
BV Ind	99	103	113	91	98	108	103	104	105	102			Tests -
BV Ind	97		113	91	106		95		105				

Breeder Remark: [illegible]

[illegible]

LOT 41

0585178000, BOTHA FAMILIE TRUST, P/A MNR H.J. BOTHA POSBUS 69 CEDARVILLE 4720, 0834408720

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
SHEEPRUN BFT200003	BFT 200003	VROULIK	SP	REG	0090917964	26-AUG-20	S

0712661NON -
C TAFIREYI

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inent -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	GGV	SGV	
TW	1.95	25	12.5	1.6	-5	2.8	15	17.2	30.17	3.3	6.30	39.6	In Vitro
Akk	75	42	65	40	38	22	50	23	41	19			Embrio Kalwers: 0
TW Ind	65	89	130	104	100	86	129	120	109	102			Toetse -
TW Ind	66		130	104	92		81		109				

Telers Opmerking: [illegible]

[illegible]

LOT 42

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident number	Sex	Section	Status	Reg number	Birth Date	DNA - Parental verification done
CIRCLE H HAZEL	BH 200507	FEMALE	SP	REG	0091616276	07-DEC-20	5

0712661NON -
C TAFIREYI

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	-37	-38	-3.7	-5	6.8	2.6	-6.5	-6	-5.48	8	-	-	In Vitro
Acc	75	48	44	48	44	22	20	20	30	25			Embryo Calves: 0
BV Ind	110	110	82	97	91	90	86	94	84	83			Tests -
BV Ind	114		82	97	93		107		84				

Breeder Remark: [illegible]

[illegible]

LOT 43

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H ODETTE	BH 200653	VROULIK	SP	REG	0091661074	31-DEC-20	8

0712661NON - C TAFIREYI

	Kalf Gewig		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inteel -
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Ma Sp	Vol Gewig	Waarde	Skr	CGV	SGV	
TW	0	08	5.2	8	-3.1	1.1	2.4	10.5	25.79	4.6	-	-	In Vitro
Akk	63	62	59	60	54	34	42	42	40	53			Embrio Kalwers: 0
TW Ind	103	95	109	102	103	86	113	111	105	106			Toetse -
TW Ind	101		109	102	103		88		105				

Teler Opmerking: [illegible]

[illegible]

LOT 44

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H GOLDA	BH 200293	FEMALE	SP	REG	0093347110	21-MAY-20	6

0671106BOR
Mutanda Farm and Property Development
K - KF - BH 23-0224

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR	
BV	-56	-34	2	-1	11.9	1.5	-2.0	-1.1	8.31	4.8	-	-	In Vitro
Acc	52	45	50	41	50	25	30	26	30	33			Embryo Calves: 0
BV Ind	113	102	94	95	85	95	93	94	93	85			Tests -
BV Ind	117		94	95	92		109		93				

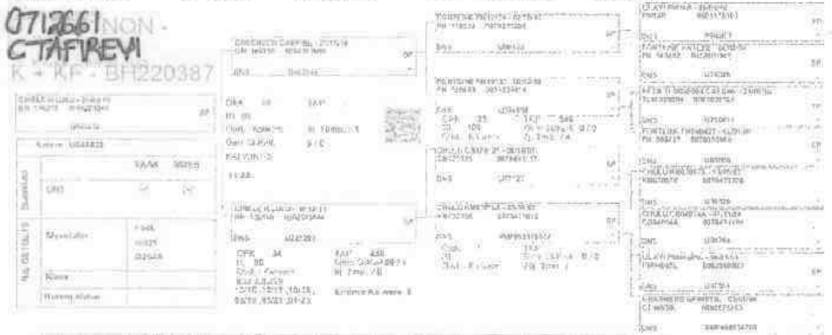
Breeder Remark: [illegible]

[illegible]

LOT 45

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H LULU	BH 190250	VROULIK	SP	REG	0089221949	29-SEP-19	8



0712661NON - CTAFIREYI
K - KF - BH220387

	Kalf Gewig		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding		Inteel
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	No Sp	Vol Gewig	Waarde	Skr	CGV	SGV	
TW	03	01	2	-1.1	0.7	-1.8	9	2	10.19	2.7	-	-	In Vitro
Akk	72	42	24	30	58	14	8	13	27	17			Embrio Kalwers: 0
TW Ind	103	97	89	94	91	100	100	96	101	101			Toetse -
TW Ind	102		99	94	105		104		101				

Teler Opmerking: [illegible]

[illegible]

LOT 46

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H KAFUE	BH 190112	MALE	SP	REG	0089176929	28-APR-19	8

J B BORANE - 0694757BOR

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio		Vacc -
	Birth Dr	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weigh	Value	Scr	BWR	WWR	
BV	-13	-.01	1.4	-3.7	-8.4	-2.4	1	1.1	20.45	4.6	-	-	
Acc	74	48	37	37	43	18	17	11	31	15			Semen donor: No
BV Ind	105	97	97	85	118	112	90	94	101	105			Tests -
BV Ind	105		97	85	114		109		101				

Breeder Remark: [illegible]

[illegible]

LOT 47
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H CANDY	BH 180587	VROULIK	SP	REG	0088410717	29-NOV-18	B

0703670BOR
Blackox Farming
K + KF - BH 23-0153

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	OGV	SGV
TW	1.16	-.02	0.5	0	0	4.4	10.6	1.2	29.46	10.3	-	-
Akk	75	55	40	48	61	33	31	24	41	28		
TW Ind	93	58	121	101	98	81	126	97	108	136		
TW Ind	83		121	101	89		101		108			

Inteel -
In Vitro
Embrio Kalwers: 0
Tweeling -

Teler Opmerking: [illegible]

Kalf aan voet is onder beskerming van Genootskap geplaas maar moet nog gekeur word.

LOT 48
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H ROKETTE	BH 200243	FEMALE	SP	REG	0090726464	02-JUN-20	S

0712661NON
C TAFIREYI
K + KF - BH 22-0491

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	-.05	.36	1.1	-1.1	-10.7	.7	-.3	.5	10.24	4.7	-	-
Acc	74	46	47	30	39	27	27	23	30	20		
BV Ind	118	85	97	95	113	98	97	102	106	105		
BV Ind	110		97	95	110		98		100			

Vacc -
In Vitro
Embrio Calves: 0
Twins -

Breeder Remark: [illegible]

Calf on foot is under the protection of Society, has been screened, but still needs to be appraised.

LOT 49
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Naam	Ident. nommer	Geslag	Afdeling	Status	Reg. nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H MISTY	BH 190483	VROULIK	SP	REG	0089596365	01-OCT-19	B

0711235BOR
Green Valley Crops
K + KF - BH 22-0624

[illegible]

	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	OEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	OGV	SGV
TW	-.96	.51	-.5	1.2	12.7	.4	-3.4	-2.4	3.01	2	-	-
Akk	76	60	44	30	56	25	30	26	37	40		
TW Ind	120	97	92	94	84	83	91	92	80	100		
TW Ind	118		92	94	87		111		89			

Inteel -
In Vitro
Embrio Kalwers: 0
Tweeling -

Teler Opmerking: [illegible]

Kalf aan voet is onder beskerming van Genootskap geplaas, maar moet nog gekeur word.

LOT 50
0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155448

Name	Ident. number	Sex	Section	Status	Reg. number	Birth Date	DNA - Parental verification done
CIRCLE H TUSCANY	BH 200518	FEMALE	SP	REG	0091658207	09-DEC-20	B

0712661NON
C TAFIREYI

[illegible]

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	AFC	ICP	PW	Mat Weight	Value	Scr	BWR	WWR
BV	1.3	.56	1.3	-2.8	-13.1	-4.7	-3.6	12.5	42.40	6	-	-
Acc	74	46	46	39	42	25	30	35	36	26		
BV Ind	126	95	97	109	116	122	105	114	116	85		
BV Ind	121		97	109	120		86		116			

Vacc -
In Vitro
Embrio Calves: 0
Twins -

Breeder Remark: [illegible]

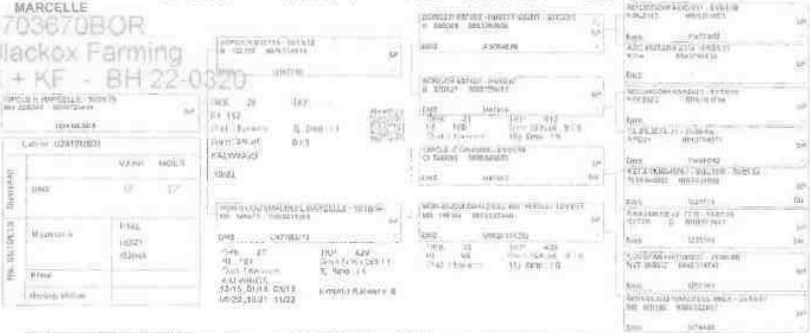
Calf on foot is under the protection of Society, has been screened, but still needs to be appraised.

LOT 51A

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155440

Naam	Ident nommer	Geslag	Afdeling	Status	Reg nommer	Geboorte Datum	DNS - Ouerskap Verifikasie voltooi
CIRCLE H MARCELLE	BH 200240	VROULIK	SP	REG	0090726449	30-MAY-20	B

0703670BOR
Blackox Farming
K + KF - BH 22-0320



	Kalf Gemak		Kalf Groei	Melk	Vrugbaarheid		Koeigewig		Koei Waarde	Bul	Verhouding	
	Geb Dir	Geb M	W Dir	W Mat	DEK	TKP	Na Sp	Vol Gewig	Waarde	Skr	OGV	SGV
TW	.7	.75	6.9	2	-12.5	-4.0	0.3	10.1	40.63	-1.4	-	-
Akk	61	60	40	45	59	25	20	75	30	32		
TW Ind	91	95	113	101	115	108	117	114	115	92		
TW Inf	90		113	101	118		86		115			

Inent -

In Vitro
Embrio Kalwers 0
Tweling -

Tipe Opmerkings [illegible]

[illegible]

LOT 51B

0490919000, B. HURWITZ FARMING, C/O MR. SIMEON HURWITZ POSTNET SUITE 1265, PRIVATE BAG X9013 ERMELO 2350, 0824155440

Name	Ident number	Sex	Section	Status	Reg. number	Birth Date	DNA - Paternal verification done
CIRCLE H MARCELLE	BH 220320	FEMALE	SP	CLB	0094504974	28-OCT-22	B

Only approved Animals

Female younger than 18 Months

	Calving Ease		Calf Growth	Milk	Fertility		Cow weight		Cow Value	Bull	Ratio	
	Birth Dir	Birth M	W Dir	W Mat	APC	ICP	Mat	Mat Weight	Value	Scr	BWR	WWR
BV	.26	.07	5.7	-1	-15.2	-3	6.6	7.6	30.75	-1.9	-	-
Acc	30	30	20	27	32	16	17	14	25	19		
BV Ind	98	95	110	98	110	116	132	107	114	93		
BV Inf	95		110	98	119		92		114			

Vacc -

In Vitro
Embryo Calved 0
Twins -

Breeder Remark [illegible]

[illegible]