

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

FRANZEL BONSMARAS

Veilingsdatum / Auction Date:
03 July 2024

Data soos op / Data as on:
19 June 2024



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

7

DEF 050022

8

GHI 070076 HH(c)

9

AGE/CALV. 14/10

AVG. Wt/CALV. 92/10

ICP 395

JKL 000077 P

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

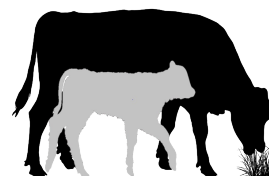
MYOSTATIN STATUS

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

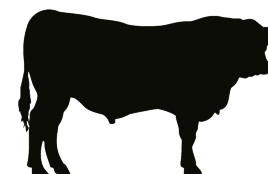
Selection of:

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



7 L♀ GIX Carcass Value

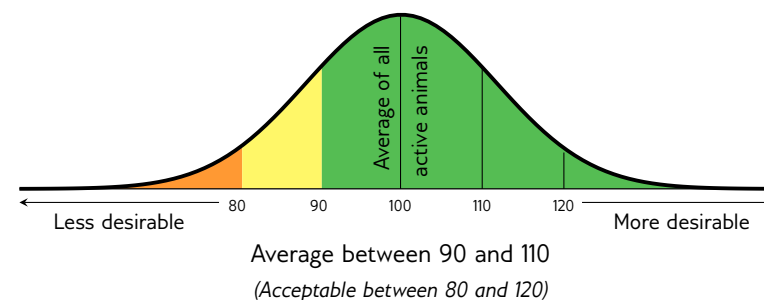
Selection for higher meat yield on carcass



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
	18	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 210068
2021-06-22
SP

Parentage Sire Dam
DNA
Genomic



CEF 160450
AGE/CALV. 15/13
AVG. Wt/CALV. 101/12

HJS 120528
AGE/CALV. 11/9
AVG. Wt/CALV. 96/8
ICP 415

HJS 080555
AGE/CALV. 13/11
AVG. Wt/CALV. 105/11
ICP 392

CEF 100304 HH(c)
AGE/CALV. 15/13
AVG. Wt/CALV. 101/12

CEF 080014
AGE/CALV. 13/11
AVG. Wt/CALV. 106/10
ICP 367

MMJ 080086

CEF 080025
AGE/CALV. 15/13
AVG. Wt/CALV. 101/12

VV 040046 HH(c)
AGE/CALV. 15/11
AVG. Wt/CALV. 103/11

MMJ 030164
AGE/CALV. 10/7
AVG. Wt/CALV. 96/7

CEF 030417
AGE/CALV. 10/8
AVG. Wt/CALV. 102/7

Calving Ease Value 111	Weaner Calf Value 98	Fertility Value 116	Maintenance Value 104	Cow Value 110	Growth Value 94	Carcass Value 94
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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
109	95	96	93	115	108	109	94	93	97	94	82	89	92	103	85

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
93	92	98	-	-	-	-

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

 EBV Analysis: 2024-06-19

LOT 2

FRANZEL BONSMARAS

VZF 210134
2021-07-14
SP

Parentage Sire Dam
DNA
Genomic



HJS 160550
AGE/CALV. 12/10
AVG. Wt/CALV. 106/9
ICP 366

VZF 170101
AGE/CALV. 7/4
AVG. Wt/CALV. 99/3
ICP 452

VZF 100302
AGE/CALV. 9/6
AVG. Wt/CALV. 93/6
ICP 410

HJS 130021

HJS 090458
AGE/CALV. 12/10
AVG. Wt/CALV. 106/9
ICP 366

FCT 110061

BG 050035
AGE/CALV. 10/8
AVG. Wt/CALV. 94/8

HJS 050325
AGE/CALV. 6/4
AVG. Wt/CALV. 96/4

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

LAR 030071
AGE/CALV. 6/4
AVG. Wt/CALV. 98/4

Calving Ease Value 93	Weaner Calf Value 112	Fertility Value 99	Maintenance Value 117	Cow Value 111	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
99	108	104	108	96	96	113	108	107	100	85	101	106	102	99	102

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	111	105	-	-	-	-

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

 EBV Analysis: 2024-06-19

LOT 3

FRANZEL BONSMARAS

VZF 210321
2021-10-17
SP

Parentage Sire Dam
DNA
Genomic



HJS 160550
AGE/CALV. 12/10
AVG. Wt/CALV. 106/9
ICP 366

VZF 170100
AGE/CALV. 7/4
AVG. Wt/CALV. 103/3
ICP 472

VZF 140270
AGE/CALV. 5/2
AVG. Wt/CALV. 93/1
ICP 533

HJS 130021

HJS 090458
AGE/CALV. 12/10
AVG. Wt/CALV. 106/9
ICP 366

VZF 130357

BG 050035
AGE/CALV. 10/8
AVG. Wt/CALV. 94/8

HJS 050325
AGE/CALV. 6/4
AVG. Wt/CALV. 96/4

FCT 110061
AGE/CALV. 10/8
AVG. Wt/CALV. 103/8

VZF 100318
AGE/CALV. 14/12
AVG. Wt/CALV. 96/12

Calving Ease Value 88	Weaner Calf Value 119	Fertility Value 93	Maintenance Value 119	Cow Value 111	Growth Value 121	Carcass Value 113
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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	111	111	109	95	90	104	114	120	112	83	105	107	102	97	106

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
110	-	-	125	-	333	1.25

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

 EBV Analysis: 2024-06-19

BULLE

LOT 4

FRANZEL BONSMARAS

VZF 210029

2021-06-05

SP

Ouerskap

Vaar

Moer

DNS

Genomies



VZF 160360

VZF 130146

HJS 040007

VZF 150428

VZF 180333

VZF 100257

BPJ 090085

VZF 090258

EI 980080

HJS 010296

JRB 050017

HJS 070045

CSW 010022

VZF 040233

OUD/KALW. 11/8

GEM. SI/KALW. 100/8

OUD/KALW. 14/12

GEM. SI/KALW. 99/11

TKP 368

OUD/KALW. 13/9

GEM. SI/KALW. 100/8

OUD/KALW. 9/6

GEM. SI/KALW. 98/6

OUD/KALW. 5/3

GEM. SI/KALW. 102/2

TKP 451

OUD/KALW. 10/7

GEM. SI/KALW. 97/7

TKP 433

OUD/KALW. 11/8

GEM. SI/KALW. 102/7

Geboortegemak
Waarde
117

Speenkalf
Waarde
104

Vrugbaarheids-
waarde
102

Onderhouds-
waarde
93

Koeiwaarde
106

Groei-
waarde
112

Karkas-
waarde
108

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

114

105

89

113

101

89

126

104

109

99

107

105

107

105

100

90

Spn. Indeks

365D Indeks

540D Indeks

GDT Indeks

VOV Indeks

Skrotum

LH

105

107

108

-

-

-

-

Miostatien

Q204X

NT821

F94L

0

0

0

OPMERKINGS:

LOGIX

EBV Analise: 2024-06-19

BULLS

LOT 8

FRANZEL BONSMARAS

VZF 210184
2021-09-26
SP

Parentage Sire Dam

DNA ☒

Genomic ☐

VZF 160360



VZF 180345
AGE/CALV. 5/2
AVG. Wt/CALV. 105/2
ICP 610

VZF 130146

HJS 040007
AGE/CALV. 14/12
AVG. Wt/CALV. 99/11
ICP 368

LAR 070234

VZF 150497
AGE/CALV. 8/6
AVG. Wt/CALV. 101/5
ICP 383

BPJ 090085

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

⚡ EI 980080

HJS 010296
AGE/CALV. 13/9
AVG. Wt/CALV. 100/8

LAR 030059

⚡ LAR 020180
AGE/CALV. 20/15
AVG. Wt/CALV. 108/14

JRP 120074

VZF 110294
AGE/CALV. 12/9
AVG. Wt/CALV. 100/8

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
128	111	89	117	109	112	103

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
124	96	99	102	92	78	118	99	109	106	86	79	90	94	95	92

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
105	-	-	114	-	340	1.24

Myostatin	
Q204X	0
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

LOT 9

FRANZEL BONSMARAS

VZF 210101
2021-07-02
SP

Parentage Sire Dam

DNA ☐

Genomic ☐

HJS 110132



VZF 130432
AGE/CALV. 10/8
AVG. Wt/CALV. 98/7
ICP 391

LBS 070050

HJS 040064
AGE/CALV. 11/6
AVG. Wt/CALV. 101/5
ICP 404

JRB 040014

VZF 000165
AGE/CALV. 14/11
AVG. Wt/CALV. 107/11
ICP 427

BG 960125

LBS 040071
AGE/CALV. 9/6
AVG. Wt/CALV. 103/4

AG 000124

HJS 990186
AGE/CALV. 14/12
AVG. Wt/CALV. 102/11

JRB 000170

JRB 020111
AGE/CALV. 9/4
AVG. Wt/CALV. 99/4

HJS N 0101

VZF 920034
AGE/CALV. 13/11
AVG. Wt/CALV. 104/9

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
95	101	90	91	94	96	102

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
97	102	110	92	96	81	107	99	98	96	107	107	108	92	96	98

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
109	100	101	-	-	-	-

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

LOT 10

FRANZEL BONSMARAS

VZF 210555
2021-11-29
SP

Parentage Sire Dam

DNA ☒

Genomic ☐

VZF 130357



HJS 150605
AGE/CALV. 8/5
AVG. Wt/CALV. 113/4
ICP 499

FCT 110061

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

⚡ HJS 110036

HJS 130413
AGE/CALV. 3/1
AVG. Wt/CALV. 98/1
ICP -

⚡ 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

JMP 050276

HJS 040008
AGE/CALV. 13/10
AVG. Wt/CALV. 106/10

MULTIPLE SIRES

HJS 100591
AGE/CALV. 6/2
AVG. Wt/CALV. 92/1

Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value
106	116	97	114	118	104	104

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
112	95	134	112	98	98	94	96	109	110	87	96	97	98	102	108

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
110	-	-	96	-	343	1.24

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

BULLE

LOT 11
FRANZEL BONSMARAS

VZF 210608
2021-12-26
SP

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



VZF 130357

HJS 150438
OUD/KALW. 8/5
GEM. SI/KALW. 103/5
TKP 457

FCT 110061
VZF 080013
OUD/KALW. 10/8
GEM. SI/KALW. 103/8
TKP 391

FCT 090082
HJS 130029
OUD/KALW. 4/2
GEM. SI/KALW. 96/2
TKP 430

FCT 080118
FCT 080213
OUD/KALW. 4/2
GEM. SI/KALW. 113/1
AG 020306
VZF 990046
OUD/KALW. 14/10
GEM. SI/KALW. 107/10
BG 060002
FCT 050091
OUD/KALW. 11/6
GEM. SI/KALW. 103/5
BG 070060
HJS 090037
OUD/KALW. 13/10
GEM. SI/KALW. 102/10

Geboortegemak Waarde
98

Speenkalf Waarde
121

Vrugbaarheids-waarde
110

Onderhouds-waarde
127

Koeiwaarde
126

Groei-waarde
105

Karkas-waarde
104

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
100	105	115	116	107	108	102	102	107	104	73	94	103	99	101	94

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
108	-	-	99	-	345	1.25

Miostation	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 12
FRANZEL BONSMARAS

VZF 210385
2021-10-27
SP

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



VZF 130357

HJS 140251
OUD/KALW. 10/8
GEM. SI/KALW. 106/6
TKP 371

FCT 110061
VZF 080013
OUD/KALW. 10/8
GEM. SI/KALW. 103/8
TKP 391

HJS 110036
HJS 120005
OUD/KALW. 5/3
GEM. SI/KALW. 110/2
TKP 351

FCT 080118
FCT 080213
OUD/KALW. 4/2
GEM. SI/KALW. 113/1
AG 020306
VZF 990046
OUD/KALW. 14/10
GEM. SI/KALW. 107/10
JMP 050276
HJS 040008
OUD/KALW. 13/10
GEM. SI/KALW. 106/10
HJS 080243
HJS 010313
OUD/KALW. 16/12
GEM. SI/KALW. 104/11

Geboortegemak Waarde
121

Speenkalf Waarde
125

Vrugbaarheids-waarde
104

Onderhouds-waarde
120

Koeiwaarde
132

Groei-waarde
117

Karkas-waarde
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
124	98	129	127	105	103	98	105	121	115	80	107	111	104	104	112

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
104	-	-	108	-	369	1.29

Miostation	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 13
FRANZEL BONSMARAS

VZF 210218
2021-10-04
SP

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



CEF 160450

VZF 130046
OUD/KALW. 11/9
GEM. SI/KALW. 112/8
TKP 359

CEF 100304 HH(c)
CEF 080014
OUD/KALW. 13/11
GEM. SI/KALW. 106/10
TKP 367

LAR 030071
VZF 090041
OUD/KALW. 12/9
GEM. SI/KALW. 106/8
TKP 395

CEF 080025
CEF 070151
OUD/KALW. 15/13
GEM. SI/KALW. 101/12
VV 040046 HH(c)
CEF 010052
OUD/KALW. 15/11
GEM. SI/KALW. 103/11
AG 980338
LAR 000380
OUD/KALW. 8/6
GEM. SI/KALW. 103/6
JRB 040014
VZF 060120
OUD/KALW. 9/7
GEM. SI/KALW. 98/6

Geboortegemak Waarde
101

Speenkalf Waarde
108

Vrugbaarheids-waarde
99

Onderhouds-waarde
91

Koeiwaarde
104

Groei-waarde
101

Karkas-waarde
99

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
100	109	102	98	98	102	100	104	99	100	108	93	101	101	95	91

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
100	-	-	93	-	334	1.23

Miostation	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOGIX EBV Analysis: 2024-06-19

BULLE

LOT 17

FRANZEL BONSMARAS

VZF 210147
2021-07-20
SP

Ouerskap Vaar Moer

DNS ✓ ✓

Genomies

HJS 160550



VZF 170080

OUD/KALW. 7/4
GEM. SI/KALW. 101/3
TKP 458

HJS 130021

HJS 090458
OUD/KALW. 12/10
GEM. SI/KALW. 106/9
TKP 366

TOR 120023

VZF 150019
OUD/KALW. 9/6
GEM. SI/KALW. 90/5
TKP 405

BG 050035

HJS 100314
OUD/KALW. 10/8
GEM. SI/KALW. 94/8

HJS 050325

HJS 070195
OUD/KALW. 6/4
GEM. SI/KALW. 96/4

LAR 070234

TOR 030016
OUD/KALW. 8/5
GEM. SI/KALW. 108/5

BPJ 090085

VZF 080252
OUD/KALW. 13/11
GEM. SI/KALW. 100/10Geboortegemak
Waarde
97Speenkalv
Waarde
107Vrugbaarheids-
waarde
103Onderhouds-
waarde
92Koeiwaarde
107Groei-
waarde
115Karkas-
waarde
109

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
101	105	112	107	98	99	116	113	111	102	106	109	108	102	96	98

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
108	97	102	-	-	-	-

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 18

FRANZEL BONSMARAS

VZF 210239
2021-10-07
SP

Ouerskap Vaar Moer

DNS

Genomies

CEF 160450



VZF 140050

OUD/KALW. 10/8
GEM. SI/KALW. 103/5
TKP 364

CEF 100304 HH(c)

CEF 080014
OUD/KALW. 13/11
GEM. SI/KALW. 106/10
TKP 367

FCT 110061

VZF 080160
OUD/KALW. 13/10
GEM. SI/KALW. 100/9
TKP 404

CEF 080025

CEF 070151
OUD/KALW. 15/13
GEM. SI/KALW. 101/12

VY 040046 HH(c)

CEF 010052
OUD/KALW. 15/11
GEM. SI/KALW. 103/11

FCT 080118

FCT 080213
OUD/KALW. 4/2
GEM. SI/KALW. 113/1

JRB 040014

VZF 040261
OUD/KALW. 13/11
GEM. SI/KALW. 104/11Geboortegemak
Waarde
107Speenkalv
Waarde
114Vrugbaarheids-
waarde
114Onderhouds-
waarde
115Koeiwaarde
121Groei-
waarde
96Karkas-
waarde
100

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
106	106	99	92	112	110	105	101	97	95	88	83	99	101	101	94

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
110	-	-	96	-	322	1.29

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 19

FRANZEL BONSMARAS

VZF 210249
2021-10-09
SP

Ouerskap Vaar Moer

DNS ✓

Genomies

HJS 130451



VZF 160476

OUD/KALW. 6/2
GEM. SI/KALW. 109/2
TKP 694

LEL 080010

HJS 090166
OUD/KALW. 15/12
GEM. SI/KALW. 104/10
TKP 398

TOR 120023

VZF 080035
OUD/KALW. 12/9
GEM. SI/KALW. 100/9
TKP 410

BG 050035

LEL 050101
OUD/KALW. 11/9
GEM. SI/KALW. 112/7

HJS 060025

HJS 050341
OUD/KALW. 7/5
GEM. SI/KALW. 117/5

LAR 070234

TOR 030016
OUD/KALW. 8/5
GEM. SI/KALW. 108/5

VZF 050123

VZF 050122
OUD/KALW. 13/10
GEM. SI/KALW. 105/8Geboortegemak
Waarde
80Speenkalv
Waarde
116Vrugbaarheids-
waarde
93Onderhouds-
waarde
83Koeiwaarde
104Groei-
waarde
113Karkas-
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
83	114	129	111	93	96	97	113	112	102	117	117	115	104	95	105

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
106	-	-	109	-	332	1.25

Miostatien	
Q204X	1
NT821	0
F94L	0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

BULLS

LOT 20

FRANZEL BONSMARAS

VZF 210320
2021-10-17
SP

Parentage Sire Dam
DNA
Genomic



HJS 160550
AGE/CALV. 7/4
AVG. Wt/CALV. 105/3
ICP 472

VZF 170059
AGE/CALV. 10/8
AVG. Wt/CALV. 103/6
ICP 401

HJS 130021
AGE/CALV. 10/8
AVG. Wt/CALV. 94/8

HJS 090458
AGE/CALV. 12/10
AVG. Wt/CALV. 106/9
ICP 366

VZF 130357

VZF 140303
AGE/CALV. 9/7
AVG. Wt/CALV. 103/6
ICP 401

BG 050035
HJS 100314
AGE/CALV. 10/8
AVG. Wt/CALV. 94/8

HJS 050325
HJS 070195
AGE/CALV. 6/4
AVG. Wt/CALV. 96/4

FCT 110061
VZF 080013
AGE/CALV. 10/8
AVG. Wt/CALV. 103/8

VZF 110028
VZF 090322
AGE/CALV. 7/5
AVG. Wt/CALV. 94/5

Calving Ease Value
95

Weaner Calf Value
110

Fertility Value
97

Maintenance Value
95

Cow Value
107

Growth Value
111

Carcass Value
107

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	106	118	113	98	91	108	107	109	103	102	104	106	101	98	103

Wean Index							Myostatin	
Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	Q204X	1
110	-	-	96	-	341	1.24	NT821	0
							F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

LOT 21

FRANZEL BONSMARAS

VZF 210406
2021-11-01
SP

Parentage Sire Dam
DNA
Genomic



HJS 160126
AGE/CALV. 6/3
AVG. Wt/CALV. 116/2
ICP 567

HJS 120271
AGE/CALV. 4/2
AVG. Wt/CALV. 105/2
ICP 389

VZF 090242

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

HJS 120250

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

BG 050035
HJS 100052
AGE/CALV. 6/4
AVG. Wt/CALV. 93/4

HJL 080151
HJS 100132
AGE/CALV. 5/3
AVG. Wt/CALV. 103/3

Calving Ease Value
98

Weaner Calf Value
112

Fertility Value
88

Maintenance Value
81

Cow Value
98

Growth Value
120

Carcass Value
119

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	118	95	110	88	93	99	120	124	123	122	112	111	114	98	105

Wean Index							Myostatin	
Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	Q204X	1
106	-	-	103	-	336	1.23	NT821	0
							F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

LOT 22

FRANZEL BONSMARAS

VZF 210495
2021-11-16
B

Parentage Sire Dam
DNA
Genomic



HJS 160591
AGE/CALV. 7/4
AVG. Wt/CALV. 106/3
ICP 400

HJS 130115
AGE/CALV. 5/3
AVG. Wt/CALV. 113/3
ICP 417

VZF 090242

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

HJS 130382

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

FCT 080118
HJS 100390
AGE/CALV. 5/3
AVG. Wt/CALV. 97/3

AEJ 050212
HJS 000277
AGE/CALV. 14/11
AVG. Wt/CALV. 102/11

Calving Ease Value
86

Weaner Calf Value
108

Fertility Value
88

Maintenance Value
89

Cow Value
94

Growth Value
127

Carcass Value
123

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
88	118	95	103	81	99	99	118	131	127	111	124	119	113	106	110

Wean Index							Myostatin	
Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	Q204X	1
106	-	-	103	-	324	1.24	NT821	0
							F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

BULLE

LOT 23
FRANZEL BONSMARAS

VZF 210533
2021-11-24
SP

Ouerskap Vaar Moer

DNS

Genomies



ABB 170470 HH(c)

ABB 130223
OUD/KALW. 11/8
GEM. SI/KALW. 101/7
TKP 402

LAR 070234

VZF 150312
OUD/KALW. 7/4
GEM. SI/KALW. 104/3
TKP 445

VZF 100310
OUD/KALW. 10/7
GEM. SI/KALW. 102/7
TKP 435

FCT 090242 HH(c)

FCT 050127
FCT 040061
OUD/KALW. 8/6
GEM. SI/KALW. 102/6
AEJ 050183
ABB 080310
OUD/KALW. 7/5
GEM. SI/KALW. 105/5
LAR 030059
LAR 020180
OUD/KALW. 20/15
GEM. SI/KALW. 108/14
LAR 060250
VZF 020105
OUD/KALW. 12/10
GEM. SI/KALW. 103/8

Geboortegemak Waarde
85

Speenkalv Waarde
119

Vrugbaarheids-waarde
107

Onderhouds-waarde
86

Koeiwaarde
115

Groei-waarde
121

Karkas-waarde
125

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
87	119	115	111	109	108	94	120	122	118	113	104	115	112	116	95

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
111	-	-	120	-	326	1.25

Miostation
Q204X 1
NT821 0
F94L 0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 24
FRANZEL BONSMARAS

VZF 210426
2021-11-02
SP

Ouerskap Vaar Moer

DNS

Genomies



VZF 180221

VZF 160058
OUD/KALW. 8/6
GEM. SI/KALW. 103/5
TKP 380

MMJ 100169

VZF 190086
OUD/KALW. 5/2
GEM. SI/KALW. 91/1
TKP 687

VZF 060281
OUD/KALW. 15/12
GEM. SI/KALW. 99/12
TKP 366

TOR 140054

TOR 110079
TOR 120021
OUD/KALW. 11/10
GEM. SI/KALW. 96/10
VZF 110129
VZF 130184
OUD/KALW. 10/8
GEM. SI/KALW. 106/7
MMJ 070195
MMJ 080142
OUD/KALW. 5/2
GEM. SI/KALW. 108/1
FCT 010228
VZF 020216
OUD/KALW. 10/7
GEM. SI/KALW. 106/7

Geboortegemak Waarde
92

Speenkalv Waarde
96

Vrugbaarheids-waarde
100

Onderhouds-waarde
93

Koeiwaarde
97

Groei-waarde
104

Karkas-waarde
102

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
93	96	115	113	104	90	110	105	106	100	105	99	104	100	96	99

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
91	-	-	98	-	340	1.25

Miostation
Q204X 1
NT821 0
F94L 0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

LOT 25
FRANZEL BONSMARAS

VZF 210527
2021-11-24
SP

Ouerskap Vaar Moer

DNS

Genomies



HJS 180275

HJS 130150
OUD/KALW. 11/8
GEM. SI/KALW. 99/8
TKP 392

VZF 120253

VZF 170313
OUD/KALW. 6/3
GEM. SI/KALW. 96/3
TKP 537

VZF 110197
OUD/KALW. 12/9
GEM. SI/KALW. 103/8
TKP 433

HJS 120250

BG 050035
HJS 100052
OUD/KALW. 6/4
GEM. SI/KALW. 93/4
FCT 050127
HJS 050426
OUD/KALW. 8/6
GEM. SI/KALW. 97/6
HJL 080011
VZF 040029
OUD/KALW. 14/11
GEM. SI/KALW. 97/8
BG 040081
VZF 070163
OUD/KALW. 13/11
GEM. SI/KALW. 99/10

Geboortegemak Waarde
109

Speenkalv Waarde
96

Vrugbaarheids-waarde
107

Onderhouds-waarde
91

Koeiwaarde
102

Groei-waarde
90

Karkas-waarde
96

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
107	96	103	100	109	94	117	99	91	91	108	103	101	103	105	103

Spn. Indeks	365D Indeks	540D Indeks	GDT Indeks	VOV Indeks	Skrotum	LH
102	100	105	-	-	-	-

Miostation
Q204X 1
NT821 0
F94L 0

OPMERKINGS:

LOGIX EBV Analise: 2024-06-19

BULLS

LOT 26

FRANZEL BONSMARAS

VZF 210280
2021-10-12
SP

Parentage Sire Dam
DNA ✓ ✓
Genomic



HJS 130451

LEL 080010
AGE/CALV. 11/9
AVG. Wt/CALV. 112/7

HJS 090166
AGE/CALV. 15/12
AVG. Wt/CALV. 104/10
ICP 398

VZF 090249

VZF 140518
AGE/CALV. 9/5
AVG. Wt/CALV. 107/5
ICP 504

VZF 100202
AGE/CALV. 12/8
AVG. Wt/CALV. 113/8
ICP 477

BG 050035
LEL 050101
AGE/CALV. 11/9
AVG. Wt/CALV. 112/7

HJS 060025
HJS 050341
AGE/CALV. 7/5
AVG. Wt/CALV. 117/5

VZF 060291
VZF 070023
AGE/CALV. 9/7
AVG. Wt/CALV. 107/6

FCT 070216
VZF 080125
AGE/CALV. 4/1
AVG. Wt/CALV. 95/1

Calving Ease Value
94

Weaner Calf Value
122

Fertility Value
85

Maintenance Value
90

Cow Value
108

Growth Value
110

Carcass Value
107

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	110	133	122	86	86	104	103	101	89	107	120	121	104	98	105

Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH
120	-	-	96	-	342	1.25

Myostatin	
Q204X	1
NT821	0
F94L	0

REMARKS:

LOGIX EBV Analysis: 2024-06-19

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	253	-	46.4	1.25	340	1.07 0.93	-0.26 0.01	14.9 17.8	3.8 6.5	24 33	9 10	111 152	-47 -55	13.4 18.0	- 1	18.0 24	106	103	107	104	5.0	99
1	VZF 210068	M	SP	37	227	-	43.5	-	-	0.07	-0.61	12.8	2.6	22.9	2.8	79	-42	9.1	-14	6	93	-	93	96	9	111
2	VZF 210134	M	SP	39	263	-	51.1	-	-	1.14	0.80	18.4	4.8	33.2	-7.8	144	-48	18.5	1	25	109	-	108	99	4	98
3	VZF 210321	M	SP	42	252	-	58.7	1.25	333	1.87	0.62	19.9	7.0	38.3	-9.9	208	-67	18.9	4	26	110	125	109	103	4	95
4	VZF 210029	M	SP	29	246	-	47.2	-	-	-0.51	-0.72	17.1	0.7	31.3	16.6	152	-46	21.4	4	26	105	-	113	102	3	101
5	VZF 210206	M	SP	36	249	-	42.9	1.27	350	0.78	-0.27	19.5	4.3	36.1	25.5	178	-54	22	-1	27	107	99	114	111	3	103
6	VZF 210190	M	SP	39	255	-	49	1.25	384	-0.18	0.50	15.4	8.7	26.2	-9.5	133	-56	29.5	-2	14	101	102	126	99	6	106
8	VZF 210184	M	SP	30	238	-	54.5	1.24	340	-1.58	-0.93	12.8	3.5	28.0	-6.6	154	-57	14.6	-16	7	105	114	102	105	2	83
9	VZF 210101	M	SP	40	265	-	48.5	-	-	1.43	0.06	15.9	6.6	26.3	17.0	100	-42	8.5	5	27	109	-	92	98	8	111
10	VZF 210555	M	SP	40	276	-	42	1.24	343	-0.26	0.77	12.7	13.7	24.0	-5.7	153	-64	20.6	-4	15	110	96	112	113	5	92
11	VZF 210608	M	SP	42	273	-	40.9	1.25	345	1.09	0.07	17.3	8.1	29.2	-21.0	145	-54	23	-5	22	108	99	116	103	5	100
12	VZF 210385	M	SP	38	261	-	45.1	1.29	369	-1.61	0.27	13.9	12.0	32.0	-13.2	210	-71	29.7	6	31	104	108	127	106	8	114
13	VZF 210218	M	SP	37	227	-	37.4	1.23	334	1.06	-0.35	19.0	4.2	30.5	18.5	104	-48	12	-5	20	100	93	98	112	9	115
14	VZF 210052	M	SP	39	229	-	45.8	-	-	0.17	0.23	18.4	5.0	47.3	16.4	203	-73	14.1	0	26	104	-	101	100	8	110
15	VZF 210369	M	B	43	253	-	46.8	1.24	322	2.33	0.84	18.2	9.2	28.7	21.7	136	-53	9.5	8	25	110	101	94	104	6	96
16	VZF 210072	M	SP	40	265	-	51.4	-	-	1.85	-0.53	23.3	1.0	35.7	12.9	98	-41	13.1	-11	20	110	-	100	102	5	94
17	VZF 210147	M	SP	40	262	-	43.3	-	-	0.94	0.43	17.3	7.1	37.4	15.5	166	-52	17.9	7	27	108	-	107	101	4	97
18	VZF 210239	M	SP	40	249	-	58.3	1.29	322	0.42	-0.40	17.7	3.5	28.1	-4.4	94	-39	8.4	-13	17	110	96	92	103	8	115
19	VZF 210249	M	SP	44	232	-	46	1.25	332	2.96	0.26	21.3	12.1	38.1	28.2	166	-51	19.8	13	35	106	109	111	109	2	76
20	VZF 210320	M	SP	40	249	-	49.4	1.24	341	1.12	0.50	17.6	8.8	32.9	11.9	155	-53	21.4	3	25	110	96	113	105	4	95
21	VZF 210406	M	SP	38	290	-	42.4	1.23	336	1.30	-0.30	23.4	2.5	43.5	33.6	226	-85	19.6	9	30	106	103	110	116	3	89
22	VZF 210495	M	B	40	292	-	44.1	1.24	324	2.44	0.02	23.0	2.4	41.6	21.2	259	-92	15.4	19	39	106	103	103	106	4	98
23	VZF 210533	M	SP	41	272	-	41.7	1.25	326	2.46	0.11	23.8	8.2	43.6	23.6	217	-77	20.1	3	35	111	120	111	104	4	100
24	VZF 210426	M	SP	42	222	-	38.6	1.25	340	1.88	-0.15	13.1	8.2	31.5	14.8	138	-47	21.6	-1	23	91	98	113	91	2	89
25	VZF 210527	M	SP	37	227	-	39.1	-	-	0.28	-0.56	12.9	4.6	27.7	18.5	65	-33	13.3	2	19	102	-	100	96	3	91
26	VZF 210280	M	SP	40	253	-	52.5	1.25	342	1.82	-0.38	19.4	13.4	30.5	17.2	118	-30	26.8	16	41	120	96	122	107	5	90

EXPLANATION OF CATALOGUE ABBREVIATIONS
VERDUIDELIKING VAN KATALOGUS AFKORTINGS

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