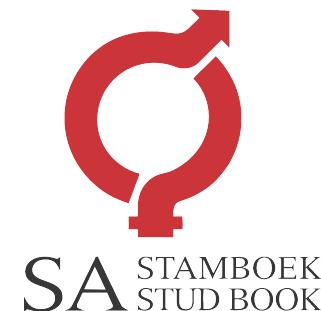


AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

# VAN JAARSVELD & OPPIBERG

Veilingsdatum / Auction Date:  
03 February 2023

Data soos op / Data as on:  
30 January 2023



## 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 procedures 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.

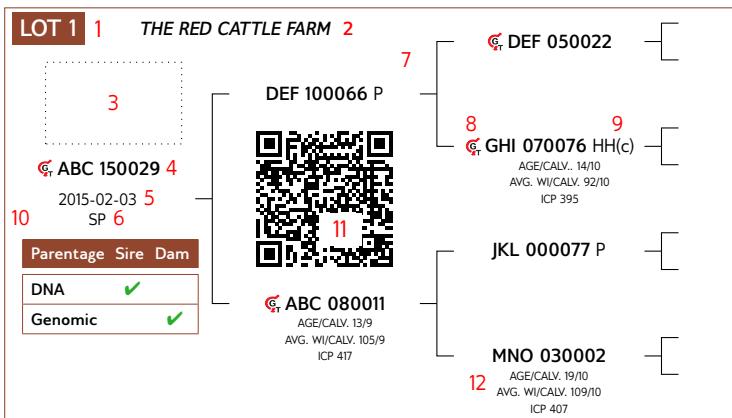
Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandarde soos bepaal deur die Genootskap.

### Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgesiktheid 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



1. Lot Number
2. Owner of the animal
3. Herd's logo (if available)
4. Animal Identification Number
5. Birth date
6. Herd book section - NFR / PEN / FO / A / B / SP
7. Four (4) generation pedigree
8. Genomic testing - it is indicated with the GT logo
9. Polled Status - the status will only be printed for animals that have been tested
10. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
11. QR Code - This code can be scanned with a smart device. It redirects to the animal's information on [www.SABeefBulls.com](http://www.SABeefBulls.com) where all information for the animal is available.
12. 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

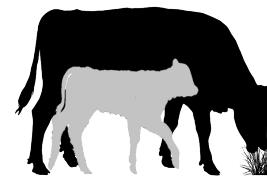
## LOGIX SELECTION VALUES

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

### 5 L $\varnothing$ GIX Cow Value

Selection of:

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

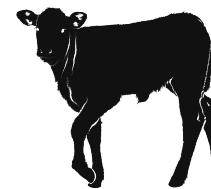


- |                      |  |
|----------------------|--|
| 1 Calving Ease Value | EBVs Birth Direct & Maternal               |
| 2 Calf Growth Value  | EBV Wean Direct                            |
| 3 Fertility Value    | EBVs Cow & Heifer Fertility, EBV Longevity |
| 4 Maintenance Value  | EBV Wean Maternal                          |
| 5 Cow Value          | EBVs Mature weight & Milk                  |

### 2 L $\varnothing$ GIX Weaner Calf Value

Selection of:

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



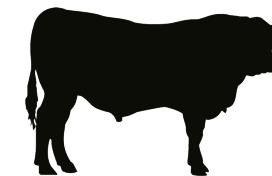
### 7 L $\varnothing$ GIX Carcass Value

Selection for higher meat yield on carcass

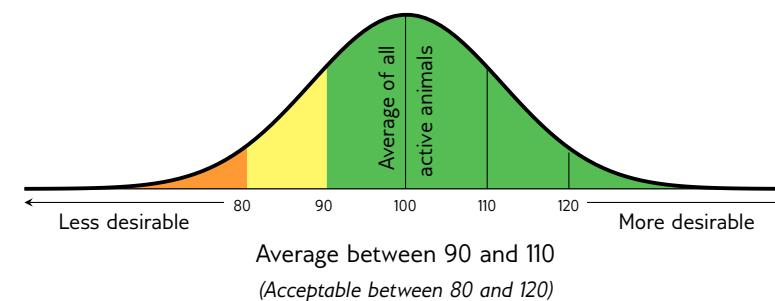


### 6 L $\varnothing$ GIX Growth Value

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	MilkV	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	C.F.E.	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
Carcass	24	Length-Height Ratio	LH	EBV Length / EBV Height		Longer rather than tall		<1							>1
	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
89	99	90	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, 504D, 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







## BULLE

LOT 10	H.A. RETIEF	HR 100115	VV 070230 Geboortegemak Waarde <b>93</b>	Speenkalf Waarde <b>118</b>	Vrugbaarheids- waarde <b>93</b>	Onderhouds- waarde <b>81</b>	Koeiwaarde <b>106</b>	Groei- waarde <b>131</b>	Karkas- waarde <b>131</b>
		HR 140057							
HR 170309 2017-09-13 SP			HR 090026 OUD/KALW. 10/7 GEM. SI/KALW. 96/7 TKP 402	HR 070084 OUD/KALW. 7/4 GEM. SI/KALW. 108/4	Geboortegemak Waarde <b>93</b>	Speenkalf Waarde <b>118</b>	Vrugbaarheids- waarde <b>93</b>	Onderhouds- waarde <b>81</b>	Koeiwaarde <b>106</b>
Ouerskap Vaar Moer	DNS	Genomes	CSW 090068	HR 050056 OUD/KALW. 11/9 GEM. SI/KALW. 99/9	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas
			BG 060038	Geb. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	Na-Speen GDT VOV Volw. Gewig Hoogte Lengte OSO Vet Mar				
			CSW 990015 OUD/KALW. 11/7 GEM. SI/KALW. 107/7	95 123 102 111 89 86 121	118 127 118 122	113 121	118 110 110	128 337 1.24	Miostatien Q204X Nie Getoets NT821 Nie Getoets F94L Nie Getoets
			HR 030084 OUD/KALW. 12/9 GEM. SI/KALW. 103/9 TKP 431	VV 0000393	Spn. Indeks 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	92 - - 128 - 337 1.24			
			CVN 010002 OUD/KALW. 8/6 GEM. SI/KALW. 101/6						
<b>OPMERKINGS:</b> In kudde gebruik									
<b>LOGIX</b> EBV Analise: 2023-01-19									

LOT 11	VAN JAARVELD BONSMARAS	LMR 080332	LMR 050117 Geboortegemak Waarde <b>83</b>	Speenkalf Waarde <b>102</b>	Vrugbaarheids- waarde <b>90</b>	Onderhouds- waarde <b>93</b>	Koeiwaarde <b>92</b>	Groei- waarde <b>111</b>	Karkas- waarde <b>109</b>
		LMR 130014							
ABM 180171 2018-11-01 SP			LMR 060243 OUD/KALW. 9/7 GEM. SI/KALW. 107/6 TKP 430	LMR 030262 OUD/KALW. 10/7 GEM. SI/KALW. 107/6	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas
Ouerskap Vaar Moer	DNS	Genomes	AG 020135	Geb. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	Na-Speen GDT VOV Volw. Gewig Hoogte Lengte OSO Vet Mar				
			CAM 040237	87 108 105 102 80 107 100	115 116 112 106 105 111	109 80 105	109 80 105	109 80 105	109 80 105
			ABM 130419 OUD/KALW. 9/6 GEM. SI/KALW. 92/5 TKP 396	HJL 960168	Spn. Indeks 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	97 - - 104 - 319 -			
			ABM 100007 OUD/KALW. 6/3 GEM. SI/KALW. 91/3 TKP 401	AG 030256	RCO 010117 OUD/KALW. 9/6 GEM. SI/KALW. 98/6				
<b>OPMERKINGS:</b>									
<b>LOGIX</b> EBV Analise: 2023-01-19									

LOT 12	VAN JAARVELD BONSMARAS	LAR 040172	LAR 000084 Geboortegemak Waarde <b>92</b>	Speenkalf Waarde <b>107</b>	Vrugbaarheids- waarde <b>114</b>	Onderhouds- waarde <b>93</b>	Koeiwaarde <b>112</b>	Groei- waarde <b>118</b>	Karkas- waarde <b>109</b>
		ABM 120103							
VJ 200180 2020-11-11 B			CAM 070037 PH OUD/KALW. 14/9 GEM. SI/KALW. 105/9 TKP 411	LAR 970251 OUD/KALW. 14/12 GEM. SI/KALW. 107/10	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas
Ouerskap Vaar Moer	DNS	Genomes	DFP 020213	Geb. Dir. Spn. Mat. Skr. Omtr. Vers Vrugb. Koei Vrugb. Lankl.	Na-Speen GDT VOV Volw. Gewig Hoogte Lengte OSO Vet Mar				
			CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	92 109 105 111 107 117 103	109 112 103 105 120 115	103 90 103	103 90 103	103 90 103	103 90 103
			VJ 170104 OUD/KALW. 6/1 GEM. SI/KALW. 115/1 TKP -	Spn. Indeks 365D Indeks 540D Indeks GDT Indeks VOV Indeks Skrotum LH	115 - - 118 - 341 1.18				
<b>OPMERKINGS:</b>									
<b>LOGIX</b> EBV Analise: 2023-01-19									

## BULLS

LOT 13	H.A. RETIEF	HIT 080028	VV 000115 Calving Ease Value <b>89</b>	Weaner Calf Value <b>105</b>	Fertility Value <b>76</b>	Maintenance Value <b>92</b>	Cow Value <b>85</b>	Growth Value <b>111</b>	Carcass Value <b>113</b>												
		HIT 130120	HIT 030029 AGE/CALV. 17/12 AVG. WI/CALV. 105/11	C HIT 070043	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass												
			HIT 100107 AGE/CALV. 12/8 AVG. WI/CALV. 100/6 ICP 421	HIT 070084 AGE/CALV. 15/12 AVG. WI/CALV. 97/11	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar	
			HR 190301 2019-10-11 SP	HR 080156	VV 030179	98	108	104	117	79	72	112	106	107	104	106	111	110	106	113	100
			HR 130080 AGE/CALV. 6/3 AVG. WI/CALV. 95/3 ICP 554	HR 060019 AGE/CALV. 9/7 AVG. WI/CALV. 94/7 ICP 369	CVN 020038 AGE/CALV. 12/9 AVG. WI/CALV. 105/8	Wean Index 98	365D Index -	540D Index -	ADG Index 103	FCR Index -	Scrotum 344	LH 1.22	Myostatin	Q204X	Not Tested	NT821	Not Tested	F94L	Not Tested		
			HR 020321	CVN 020044 AGE/CALV. 6/4 AVG. WI/CALV. 94/3	REMARKS:	In kudde gebruik	LOGIX EBV Analysis: 2023-01-19														

LOT 14	VAN JAARSVELD BONSMARAS	HCO 080077	C VV 030346 Calving Ease Value <b>89</b>	Weaner Calf Value <b>110</b>	Fertility Value <b>107</b>	Maintenance Value <b>93</b>	Cow Value <b>110</b>	Growth Value <b>118</b>	Carcass Value <b>117</b>											
		HCO 110153	EI 020192 AGE/CALV. 11/8 AVG. WI/CALV. 104/7	DFP 030111	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass											
			HCO 090014 AGE/CALV. 8/4 AVG. WI/CALV. 102/4 ICP 431	HCO 050051 AGE/CALV. 8/6 AVG. WI/CALV. 97/6	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
			VJ 200106 2020-08-17 B	VJ 100248 AGE/CALV. 12/1 AVG. WI/CALV. 114/1 ICP -	94	111	109	131	107	106	98	113	114	105	105	116	113	112	101	94
			VJ 100248 AGE/CALV. 12/1 AVG. WI/CALV. 114/1 ICP -	Wean Index 114	365D Index -	540D Index -	ADG Index 111	FCR Index -	Scrotum 374	LH 1.16	Myostatin	Q204X	0	NT821	0	F94L	Not Tested			
			REMARKS:	LOGIX EBV Analysis: 2023-01-19																

LOT 15	VAN JAARSVELD BONSMARAS	AG 100008	C AG 060481 Calving Ease Value <b>134</b>	Weaner Calf Value <b>98</b>	Fertility Value <b>105</b>	Maintenance Value <b>107</b>	Cow Value <b>110</b>	Growth Value <b>101</b>	Carcass Value <b>99</b>											
		VJ 180022	AG 970106 AGE/CALV. 15/13 AVG. WI/CALV. 95/12	VV 080165	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass											
			VV 110080 AGE/CALV. 11/8 AVG. WI/CALV. 105/7 ICP 372	VV 080414 AGE/CALV. 5/2 AVG. WI/CALV. 110/2	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
			VJ 170345 AGE/CALV. 6/1 AVG. WI/CALV. 105/1 ICP -	Wean Index 105	365D Index -	540D Index -	ADG Index 97	FCR Index -	Scrotum 320	LH 1.19	Myostatin	Q204X	1	NT821	0	F94L	Not Tested			
			REMARKS:	LOGIX EBV Analysis: 2023-01-19																

## BULLE

LOT 16	H.A. RETIEF	HR 100115	VV 070230 Geboortegemak Waarde <b>117</b>	Speenkalf Waarde <b>108</b>	Vrugbaarheids- waarde <b>92</b>	Onderhouds- waarde <b>106</b>	Koeiwaarde <b>106</b>	Groei- waarde <b>108</b>	Karkas- waarde <b>113</b>																
			HR 070084 OUD/KALW. 7/4 GEM. SI/KALW. 108/4	HR 070084 OUD/KALW. 7/4 GEM. SI/KALW. 108/4	VV 040459	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam																
<b>OPMERKINGS:</b>																									
<b>Logix</b> EBV Analise: 2023-01-19																									
Ouerskap Vaar Moer	DNS	Genomes	HR 200243 2020-10-15 SP	HR 140057	HR 090026 OUD/KALW. 10/7 GEM. SI/KALW. 96/7 TKP 402	HR 050056 OUD/KALW. 11/9 GEM. SI/KALW. 99/9	VV 060144	Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar		
Ouerskap Vaar Moer	DNS	Genomes	HR 170127 OUD/KALW. 5/4 GEM. SI/KALW. 102/3 TKP 381	HR 100116	HR 060037 OUD/KALW. 9/5 GEM. SI/KALW. 100/5	HR 050035	HR 070047 OUD/KALW. 7/5 GEM. SI/KALW. 97/5	115	99	103	99	90	90	112	100	111	116	93	-	322	1.18	Miostatien	Q204X Nie Getoets	NT821 Nie Getoets	F94L Nie Getoets

LOT 17	VAN JAARVELD BONSMARAS	AG 100008	VV 070230 Geboortegemak Waarde <b>120</b>	Speenkalf Waarde <b>93</b>	Vrugbaarheids- waarde <b>107</b>	Onderhouds- waarde <b>105</b>	Koeiwaarde <b>103</b>	Groei- waarde <b>84</b>	Karkas- waarde <b>85</b>																	
<b>OPMERKINGS:</b>																										
<b>Logix</b> EBV Analise: 2023-01-19																										
Ouerskap Vaar Moer	DNS	Genomes	VJ 200012 2020-09-04 SP	LMR 140216	LMR 110009 OUD/KALW. 11/9 GEM. SI/KALW. 106/8 TKP 366	LMR 070316	LMR 030053 OUD/KALW. 11/9 GEM. SI/KALW. 98/8	NFS 040124	LMR 030249 OUD/KALW. 7/5 GEM. SI/KALW. 100/4	TBR 910704	AG 980123 OUD/KALW. 15/11 GEM. SI/KALW. 107/10 TKP 461	AG 060481 OUD/KALW. 15/13 GEM. SI/KALW. 95/12	AG 970106 OUD/KALW. 15/13 GEM. SI/KALW. 95/12	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas	Miostatien	Q204X 0	NT821 0	F94L 0				
Ouerskap Vaar Moer	DNS	Genomes	LMR 130149 OUD/KALW. 9/6 GEM. SI/KALW. 93/6 TKP 372	LMR 090334	LMR 030249 OUD/KALW. 7/5 GEM. SI/KALW. 100/4	NFS 040124	LMR 030249 OUD/KALW. 7/5 GEM. SI/KALW. 100/4	TBR 910704	AG 950323 OUD/KALW. 27/5 GEM. SI/KALW. 102/3	AG 060481 OUD/KALW. 15/11 GEM. SI/KALW. 95/12	AG 970106 OUD/KALW. 15/13 GEM. SI/KALW. 95/12	116	91	89	88	105	103	84	82	79	94	74	91	122	73	79

LOT 18	VAN JAARVELD BONSMARAS	ABM 120103	VV 070230 Geboortegemak Waarde <b>96</b>	Speenkalf Waarde <b>102</b>	Vrugbaarheids- waarde <b>114</b>	Onderhouds- waarde <b>96</b>	Koeiwaarde <b>109</b>	Groei- waarde <b>110</b>	Karkas- waarde <b>103</b>																
<b>OPMERKINGS:</b>																									
<b>Logix</b> EBV Analise: 2023-01-19																									
Ouerskap Vaar Moer	DNS	Genomes	VJ 200204 2020-12-14 B	CAM 070037 PH OUD/KALW. 14/9 GEM. SI/KALW. 105/9 TKP 411	LAR 000084	LAR 970251 OUD/KALW. 14/12 GEM. SI/KALW. 107/10	DFP 020213	CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	LAR 040172	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei	Raam	Karkas	Miostatien	Q204X 0	NT821 0	F94L Nie Getoets							
Ouerskap Vaar Moer	DNS	Genomes	VJ 120048 OUD/KALW. 9/1 GEM. SI/KALW. 110/1 TKP -	CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	LAR 000084	LAR 970251 OUD/KALW. 14/12 GEM. SI/KALW. 107/10	DFP 020213	CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	LAR 040172	Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar
Ouerskap Vaar Moer	DNS	Genomes	VJ 120048 OUD/KALW. 9/1 GEM. SI/KALW. 110/1 TKP -	CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	LAR 000084	LAR 970251 OUD/KALW. 14/12 GEM. SI/KALW. 107/10	DFP 020213	CAM 980317 OUD/KALW. 10/7 GEM. SI/KALW. 104/6	LAR 040172	110	104	102	97	109	116	102	103	102	92	102	110	112	100	90	100

## BULLS

LOT 19	H.A. RETIEF	HR 100116	VV 060144	Calving Ease Value 101	Weaner Calf Value 102	Fertility Value 81	Maintenance Value 95	Cow Value 90	Growth Value 104	Carcass Value 104																																															
		HR 140010																																																							
			HR 060037 AGE/CALV. 9/5 AVG. WI/CALV. 100/5																																																						
			VV 030016																																																						
		HR 110019 AGE/CALV. 10/8 AVG. WI/CALV. 108/7 ICP 373																																																							
			HR 050065 AGE/CALV. 9/7 AVG. WI/CALV. 99/7																																																						
		HR 090148	VV 030179																																																						
			HR 040027 AGE/CALV. 10/7 AVG. WI/CALV. 101/7																																																						
			VV 990214																																																						
			BG 970027 AGE/CALV. 13/10 AVG. WI/CALV. 99/10 ICP 406																																																						
			CVN 030057 AGE/CALV. 13/10 AVG. WI/CALV. 99/10 ICP 406																																																						
<table border="1"> <thead> <tr> <th colspan="3">Calf and Mother</th> <th colspan="3">Fertility</th> <th colspan="3">Post-Wean Growth</th> <th colspan="3">Frame</th> <th colspan="3">Carcass</th> </tr> <tr> <th>Birth Dir.</th> <th>Wean Dir.</th> <th>Wean Mat.</th> <th>Scr. Circ.</th> <th>Heifer Fert.</th> <th>Cow Fert.</th> <th>Longev.</th> <th>Post Wean</th> <th>ADG</th> <th>FCR</th> <th>Mature Weight</th> <th>Height</th> <th>Length</th> <th>EMA</th> <th>Fat</th> <th>Mar</th> </tr> </thead> <tbody> <tr> <td>97</td> <td>100</td> <td>108</td> <td>98</td> <td>89</td> <td>72</td> <td>106</td> <td>96</td> <td>100</td> <td>104</td> <td>103</td> <td>107</td> <td>102</td> <td>98</td> <td>119</td> <td>99</td> </tr> </tbody> </table>											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	100	108	98	89	72	106	96	100	104	103	107	102	98	119	99
Calf and Mother			Fertility			Post-Wean Growth			Frame			Carcass																																													
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REMARKS:											<b>LOGIX</b> EBV Analysis: 2023-01-19																																														



EXPLANATION OF CATALOGUE ABBREVIATIONS		VERDUIDELIKING VAN KATALOGUS AFKORTINGS	
Lot Number	LOT	Lot Nommer	
Estimated breeding value	EBV	Beraamde teelwaarde	
Parentage verification	Parentage	Ouerskap	Ouerskap verifikasie
Age in years / Number of calvings	AGE. / CALV.	OUD. / 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)	Homosigoties Poena (Celtic toets)
Heterozygous Polled (Celtic test)	Pp(c)	Pp(c)	Heterosigoties Poena (Celtic toets)
Phenotypically Polled	P	P	Fenotipies 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 Daagliks Toename
Feed Conversion Ratio (kg:kg)	FCR	VOV	Voeromset Verhouding
Eye Muscle Area	EMA	OSO	Oogspier grootte
Backfat Thickness	Fat	Vet	Rugvet Diepte
Marbling (intra-muscular fat)	Mar	Mar	Marmering (binne-spieperse 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