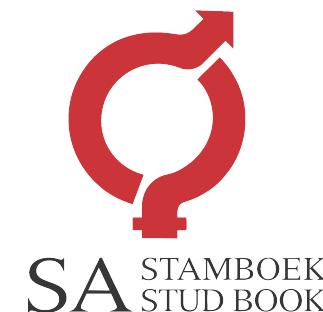


AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

# JG VILJOEN & SEUNS - GELIBAR

Veilingsdatum / Auction Date:  
17 August 2022

Data soos op / Data as on:  
10 August 2022



## SALES UNDER AUSPICES OF BONSMARA SA

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

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

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

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

### The Society DOES NOT have any control over:

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

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



## VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde 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.

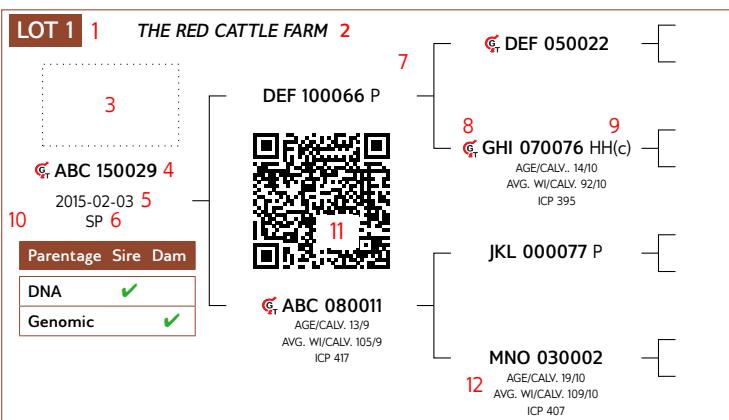
### Die Genootskap het egter GEEN beheer oor:

- 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

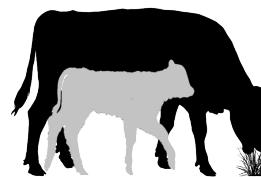
## LOGIX SELECTION VALUES

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

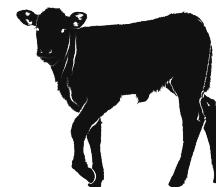


- |                      |  |
|----------------------|--|
| 1 Calving Ease Value | EBVs Birth Direct & Maternal               |
| Calf Growth Value    | EBV Wean Direct                            |
| 3 Fertility Value    | EBVs Cow & Heifer Fertility, EBV Longevity |
| Milk Value           | EBV Wean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

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

*Selection of:*

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



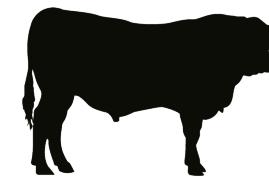
### 7 L $\varnothing$ GIX Carcass Value

*Selection for higher meat yield on carcass*

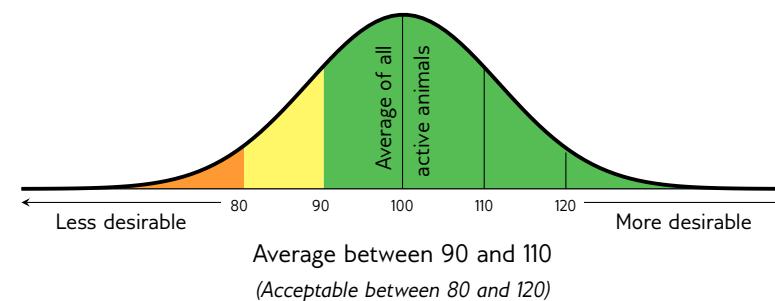


### 6 L $\varnothing$ GIX Growth Value

*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					*
	16	Average Daily Gain	ADG	Average daily gain		Good growth		Poor					High
	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		Poor					Good
	19	Height	H	Shoulder / Hip height in growth test		Average height		Light					Heavy
	20	Length	L	Length in growth test		Longer for more muscle		Short					Tall
Carcass	24	Length-Height Ratio	LH	EBV Length / EBV Height		Longer rather than tall		Short					Long
	<1					<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
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, 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

## BULLS

LOT 1		JG VILJOEN & SEUNS				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Calving Ease Value</td><td>Weaner Calf Value</td><td>Fertility Value</td><td>Maintenance Value</td><td>Cow Value</td><td>Growth Value</td><td>Carcass Value</td></tr> <tr> <td><b>113</b></td><td><b>99</b></td><td><b>89</b></td><td><b>98</b></td><td><b>94</b></td><td><b>103</b></td><td><b>108</b></td></tr> </table>												Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value	<b>113</b>	<b>99</b>	<b>89</b>	<b>98</b>	<b>94</b>	<b>103</b>	<b>108</b>
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				NFS 080032		NFS 050325	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																		
				NFS 130143		NFS 060055	AGE/CALV. 11/9	AGE/CALV. 10/3/9																							
				NFS 100002	AGE/CALV. 5/3	AVG. WI/CALV. 101/3	ICP 367																								
				NFS 060243		NFS 060399	AGE/CALV. 6/4	AVG. WI/CALV. 97/2																							
				EHE 130030	AGE/CALV. 8/7	AVG. WI/CALV. 101/6	ICP 365																								
<b>Parentage Sire Dam</b>																															
<b>DNA</b>																															
<b>Genomic</b>																															
<b>REMARKS:</b> Poena																															
<b>LOGIX</b> EBV Analysis: 2022-07-18																															

LOT 2		JG VILJOEN & SEUNS				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Calving Ease Value</td><td>Weaner Calf Value</td><td>Fertility Value</td><td>Maintenance Value</td><td>Cow Value</td><td>Growth Value</td><td>Carcass Value</td></tr> <tr> <td><b>75</b></td><td><b>112</b></td><td><b>108</b></td><td><b>81</b></td><td><b>107</b></td><td><b>136</b></td><td><b>137</b></td></tr> </table>												Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value	<b>75</b>	<b>112</b>	<b>108</b>	<b>81</b>	<b>107</b>	<b>136</b>	<b>137</b>
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				JPL 090065 P		FCT 060147	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																		
				EHE 140026 Pp(c)		JPL 990042 P	AGE/CALV. 10/9	AVG. WI/CALV. 100/8																							
				WSS 090332	AGE/CALV. 12/11	AVG. WI/CALV. 98/9	ICP 378																								
				JPL 070107		WSS 070009	AGE/CALV. 13/10	AVG. WI/CALV. 99/10																							
				EHE 120061	AGE/CALV. 9/7	AVG. WI/CALV. 109/7	ICP 361																								
<b>REMARKS:</b> Poena																															
<b>LOGIX</b> EBV Analysis: 2022-07-18																															

LOT 4		JG VILJOEN & SEUNS				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Calving Ease Value</td><td>Weaner Calf Value</td><td>Fertility Value</td><td>Maintenance Value</td><td>Cow Value</td><td>Growth Value</td><td>Carcass Value</td></tr> <tr> <td><b>101</b></td><td><b>119</b></td><td><b>97</b></td><td><b>92</b></td><td><b>114</b></td><td><b>116</b></td><td><b>121</b></td></tr> </table>												Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value	<b>101</b>	<b>119</b>	<b>97</b>	<b>92</b>	<b>114</b>	<b>116</b>	<b>121</b>
Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																									
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				FCT 110002		FCT 080218	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value																		
				EHE 160056 HH(c)		FCT 080040	AGE/CALV. 5/3	AVG. WI/CALV. 97/3																							
				WAT 080145	AGE/CALV. 13/11	AVG. WI/CALV. 103/11	ICP 402																								
				EHE 160122 HH(c)		LAR 040172																									
				EHE 160129	AGE/CALV. 5/2	AVG. WI/CALV. 105/2	ICP 376																								
				EHE 100022	AGE/CALV. 8/3	AVG. WI/CALV. 97/3	ICP 365																								
<b>REMARKS:</b>																															
<b>LOGIX</b> EBV Analysis: 2022-07-18																															

**BULLE**

**LOT 5** **JG VILJOEN & SEUNS**

**EHE 190346 PP(c)**  
2019-11-21 SP  
**Ouerskap Vaar Moer**  
**DNS**  
**Genomes ✓**

<b>WSS 120155 P</b>	<b>WSS 070018 P</b>	<b>Geboortegemak Waarde</b> <b>126</b>	<b>Speenkalf Waarde</b> <b>96</b>	<b>Vrugbaarheits-waarde</b> <b>106</b>	<b>Onderhouds-waarde</b> <b>88</b>	<b>Koeiwaarde</b> <b>104</b>	<b>Groei-waarde</b> <b>107</b>	<b>Karkas-waarde</b> <b>110</b>									
<b>MCU 040064 P</b> OUD/KALW. 17/14 GEM. SI/KALW. 10/15 TKP 381	<b>MCU 020031 P</b>	<b>Kalf en Moeder</b>		<b>Vrugbaarheid</b>		<b>Na-Speen Groei</b>		<b>Raam</b>		<b>Karkas</b>							
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar		
<b>MCU 010102 P</b> OUD/KALW. 4/2 GEM. SI/KALW. 93/2	<b>MCU 090057 P</b>	<b>125</b>	<b>97</b>	<b>90</b>	<b>106</b>	<b>98</b>	<b>113</b>	<b>103</b>	<b>96</b>	<b>107</b>	<b>100</b>	<b>113</b>	<b>107</b>	<b>109</b>	<b>103</b>	<b>140</b>	<b>113</b>
<b>EHE 160087 P</b> OUD/KALW. 6/4 GEM. SI/KALW. 95/3 TKP 368	<b>EHE 120006</b> OUD/KALW. 6/4 GEM. SI/KALW. 108/4 TKP 373	<b>MCU 090019 PP(c)</b> OUD/KALW. 10/8 GEM. SI/KALW. 93/8	<b>Spn. Indeks</b> <b>90</b>	<b>365D Indeks</b>	<b>540D Indeks</b>	<b>GDT Indeks</b>	<b>VOV Indeks</b>	<b>Skrotum</b>	<b>LH</b>	<b>380</b>	<b>1.20</b>						
													<b>Miestatien</b>				
													<b>Q204X</b>	<b>0</b>			
													<b>NT821</b>	<b>0</b>			
													<b>F94L</b>	<b>0</b>			

**OPMERKINGS:** Homosigotiese Poena, Behou twee mede eien-aarskappe, Gebruik in Germar kudde

**LOT 6** **JG VILJOEN & SEUNS**

**EHE 190323 Pp(c)**  
2019-11-11 SP  
**Ouerskap Vaar Moer**  
**DNS**  
**Genomes ✓**

<b>VV 120286 HH(c)</b>	<b>VV 090089</b>	<b>Geboortegemak Waarde</b> <b>72</b>	<b>Speenkalf Waarde</b> <b>120</b>	<b>Vrugbaarheits-waarde</b> <b>111</b>	<b>Onderhouds-waarde</b> <b>90</b>	<b>Koeiwaarde</b> <b>115</b>	<b>Groei-waarde</b> <b>133</b>	<b>Karkas-waarde</b> <b>135</b>									
<b>VV 170145 Pp(c)</b>	<b>VV 080077</b> OUD/KALW. 13/10 GEM. SI/KALW. 108/10	<b>Kalf en Moeder</b>	<b>Vrugbaarheid</b>	<b>Na-Speen Groei</b>	<b>Raam</b>	<b>Karkas</b>											
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar		
<b>VV 140187 P</b> OUD/KALW. 8/6 GEM. SI/KALW. 113/5 TKP 391	<b>VV 100056</b> OUD/KALW. 12/9 GEM. SI/KALW. 108/9	<b>69</b>	<b>129</b>	<b>103</b>	<b>132</b>	<b>108</b>	<b>104</b>	<b>111</b>	<b>134</b>	<b>140</b>	<b>116</b>	<b>110</b>	<b>120</b>	<b>128</b>	<b>148</b>	<b>104</b>	<b>103</b>
<b>JPL 090063 P</b>	<b>JPL 060105 P</b>	<b>Spn. Indeks</b> <b>114</b>	<b>365D Indeks</b>	<b>540D Indeks</b>	<b>GDT Indeks</b>	<b>VOV Indeks</b>	<b>Skrotum</b>	<b>LH</b>									
<b>EHE 160021</b> OUD/KALW. 6/4 GEM. SI/KALW. 109/3 TKP 434	<b>JPL 010090 P</b> OUD/KALW. 13/11 GEM. SI/KALW. 104/11	<b>123</b>	<b>-</b>	<b>-</b>	<b>123</b>	<b>-</b>	<b>378</b>	<b>1.24</b>									
													<b>Miestatien</b>				
													<b>Q204X</b>	<b>0</b>			
													<b>NT821</b>	<b>0</b>			
													<b>F94L</b>	<b>0</b>			

**OPMERKINGS:**

**LOT 7** **JG VILJOEN & SEUNS**

**EHE 160585 PP(c)**  
2016-07-17 SP  
**Ouerskap Vaar Moer**  
**DNS**  
**Genomes**

<b>JMP 040248</b>	<b>FCT 970024</b>	<b>LEL 900027</b>	<b>Geboortegemak Waarde</b> <b>115</b>	<b>Speenkalf Waarde</b> <b>90</b>	<b>Vrugbaarheits-waarde</b> <b>87</b>	<b>Onderhouds-waarde</b> <b>102</b>	<b>Koeiwaarde</b> <b>90</b>	<b>Groei-waarde</b> <b>113</b>	<b>Karkas-waarde</b> <b>109</b>									
<b>JMP 020012</b> OUD/KALW. 17/11 GEM. SI/KALW. 102/10 TKP 503	<b>JMP 980049</b>	<b>JVD 910053</b> OUD/KALW. 12/10 GEM. SI/KALW. 104/10	<b>Kalf en Moeder</b>	<b>Vrugbaarheid</b>	<b>Na-Speen Groei</b>	<b>Raam</b>	<b>Karkas</b>											
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Speen	GDT	VOV	Volw. Gewig	Hoogte	Lengte	OSO	Vet	Mar			
<b>JJ 050138</b>	<b>JJ 000148</b>	<b>JJD 990122</b> OUD/KALW. 6/4 GEM. SI/KALW. 103/4	<b>121</b>	<b>87</b>	<b>103</b>	<b>91</b>	<b>88</b>	<b>89</b>	<b>104</b>	<b>98</b>	<b>112</b>	<b>101</b>	<b>96</b>	<b>118</b>	<b>110</b>	<b>94</b>	<b>150</b>	<b>87</b>
<b>JPL 130018 P</b> OUD/KALW. 8/5 GEM. SI/KALW. 101/5 TKP 409	<b>NFS 020156 P</b> OUD/KALW. 18/15 GEM. SI/KALW. 99/15 TKP 370	<b>JJ 000141</b> OUD/KALW. 9/5 GEM. SI/KALW. 110/4	<b>Spn. Indeks</b> <b>100</b>	<b>365D Indeks</b>	<b>540D Indeks</b>	<b>GDT Indeks</b>	<b>VOV Indeks</b>	<b>Skrotum</b>	<b>LH</b>	<b>109</b>	<b>-</b>	<b>330</b>	<b>1.21</b>					
<b>NFS 940156</b> OUD/KALW. 19/13 GEM. SI/KALW. 104/12	<b>NFS 940156</b> OUD/KALW. 19/13 GEM. SI/KALW. 104/12																	

**OPMERKINGS:** Homosigotiese Poena, Behou twee mede eien-aarskappe, Kuddevaar, Gebruik in Sernick kudde

## BULLS

LOT 8	JG VILJOEN & SEUNS	FCT 080218	LAR 030376	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value										
	EHE 160056 HH(c) 2016-05-16 SP	FCT 110002	FCT 040144 AGE/CALV. 15/8 AVG. WI/CALV. 101/7	120	125	103	98	124	110	113										
	EHE 180258 Pp(c) 2018-10-24 SP		FCT 080040 AGE/CALV. 5/3 AVG. WI/CALV. 97/3 ICP 470	FCT 040123 AGE/CALV. 6/5 AVG. WI/CALV. 99/4	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass											
	WAT 080145 AGE/CALV. 13/11 AVG. WI/CALV. 103/11 ICP 402	LAR 040172	LAR 000084	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar	
			LAR 970251 AGE/CALV. 14/12 AVG. WI/CALV. 107/10	114	109	114	116	89	107	119	112	112	109	99	105	115	136	77	100	
			WAT 000200	Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH								Myostatin		
			WAT 000084 AGE/CALV. 17/13 AVG. WI/CALV. 101/12	116	-	-	100	-	352	1.28								Q204X	0	
																		NT821	0	
																		F94L	0	
<b>REMARKS:</b> Kuddevaar											LOGIX EBV Analysis: 2022-07-18									

LOT 9	JG VILJOEN & SEUNS	JPL 090065 P	FCT 060147	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value									
	EHE 160056 HH(c) 2016-05-16 SP	EHE 140026 Pp(c)	JPL 990042 P AGE/CALV. 10/9 AVG. WI/CALV. 100/8	82	120	115	89	118	142	139									
	EHE 180258 Pp(c) 2018-10-24 SP		JPL 070107	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass											
	MRW 150025 AGE/CALV. 7/5 AVG. WI/CALV. 105/4 ICP 397	WSS 090332 AGE/CALV. 12/11 AVG. WI/CALV. 98/9 ICP 378	WSS 070009 AGE/CALV. 13/10 AVG. WI/CALV. 99/10	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
			BEI 020134	83	128	97	123	107	113	109	132	144	125	111	127	120	144	100	122
			BEI 040046 AGE/CALV. 11/10 AVG. WI/CALV. 99/8	Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH							Myostatin		
			MRW 020206	119	-	-	132	-	365	1.18							Q204X	1	
			MRW 040098 AGE/CALV. 4/2 AVG. WI/CALV. 96/2 ICP 361														NT821	0	
																	F94L	0	
<b>REMARKS:</b> Gebruik in kudde											LOGIX EBV Analysis: 2022-07-18								

LOT 10	JG VILJOEN & SEUNS	EHE 170031 Pp(c)	WAT 130339 HH(c)	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value									
	EHE 200046 HH(c) 2020-04-15 SP		WAT 080173	96	112	116	81	116	110	113									
	EHE 170162 AGE/CALV. 3/1 AVG. WI/CALV. 93/1 ICP -	MCU 040064 P AGE/CALV. 17/14 AVG. WI/CALV. 104/15 ICP 381	WAT 020277 AGE/CALV. 13/11 AVG. WI/CALV. 109/9	Calf and Mother	Fertility	Post-Wean Growth	Frame	Carcass											
			MCU 020031 P	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar
			MCU 010102 P AGE/CALV. 4/2 AVG. WI/CALV. 93/2	96	113	111	113	105	120	105	111	106	101	121	116	116	122	77	79
			JPL 090065 P	Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH							Myostatin		
			MBT 100055 P AGE/CALV. 12/10 AVG. WI/CALV. 102/8	93	-	-	90	100	344	1.20							Q204X	0	
			MRW 060195 AGE/CALV. 13/8 AVG. WI/CALV. 115/7 ICP 477														NT821	0	
																	F94L	0	
<b>REMARKS:</b>											LOGIX EBV Analysis: 2022-07-18								

## BULLE

<b>LOT 11</b>	<b>JG VILJOEN &amp; SEUNS</b>	 <b>EHE 200057 HH(c)</b> 2020-04-22 SP <b>Ouerskap Vaar Moer</b> <b>DNS</b> <b>Genomes ✓</b>	<b>WAT 130339 HH(c)</b> <b>WAT 080173</b> <b>WAT 020277</b> OUD/KALW. 13/11 GEM. SI/KALW. 109/9 <b>MCU 040064 P</b> OUD/KALW. 17/14 GEM. SI/KALW. 104/15 TKP 381 <b>MCU 020031 P</b> <b>MCU 010102 P</b> OUD/KALW. 4/2 GEM. SI/KALW. 93/2 <b>VV 150383</b> <b>VV 130106</b> <b>VV 130231</b> OUD/KALW. 8/4 GEM. SI/KALW. 98/4 <b>VV 120265</b> OUD/KALW. 9/7 GEM. SI/KALW. 108/7 TKP 376 <b>VV 090089</b> <b>VV 080446</b> OUD/KALW. 5/3 GEM. SI/KALW. 115/3	<b>Geboortegemak Waarde</b> <b>113</b> <b>Speenkalf Waarde</b> <b>126</b> <b>Vrugbaarheidswaarde</b> <b>107</b> <b>Onderhouds-waarde</b> <b>102</b> <b>Koeiwaarde</b> <b>127</b> <b>Groei-waarde</b> <b>126</b> <b>Karkas-waarde</b> <b>128</b>	<b>Kalf en Moeder</b> <b>Vrugbaarheid</b> <b>Na-Speen Groei</b> <b>Raam</b> <b>Karkas</b>	<b>Geb.</b> <b>Dir.</b> <b>Spn.</b> <b>Spn. Mat.</b> <b>Skr. Omtr.</b> <b>Vers Vrugb.</b> <b>Koei Vrugb.</b> <b>Lankl.</b> <b>Na-Speen</b> <b>GDT</b> <b>VOV</b> <b>Volw. Gewig</b> <b>Hoogte</b> <b>Lengte</b> <b>OSO</b> <b>Vet</b> <b>Mar</b>	<b>Spn. Indeks</b> <b>108</b> <b>365D Indeks</b> <b>-</b> <b>540D Indeks</b> <b>118</b> <b>GDT Indeks</b> <b>VOV Indeks</b> <b>Skrotum</b> <b>406</b> <b>LH</b> <b>1.21</b>	<b>Miostatien</b> <b>Q204X</b> <b>0</b> <b>NT821</b> <b>0</b> <b>F94L</b> <b>0</b>				
<b>LOGIX</b> EBV Analiese: 2022-07-18												

### OPMERKINGS:

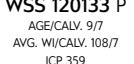
<b>LOT 12</b>	<b>JG VILJOEN &amp; SEUNS</b>	 <b>EHE 190056 HH(c)</b> <b>EHE 190076 HH(c)</b> 2019-05-08 SP <b>Ouerskap Vaar Moer</b> <b>DNS</b> <b>Genomes ✓</b>	<b>FCT 110002</b> <b>FCT 080218</b> <b>FCT 080040</b> OUD/KALW. 5/3 GEM. SI/KALW. 97/3 <b>WAT 080145</b> OUD/KALW. 13/11 GEM. SI/KALW. 103/11 TKP 402 <b>LAR 040172</b> <b>WAT 040132</b> OUD/KALW. 11/8 GEM. SI/KALW. 106/8 <b>WAT 110154</b> <b>WAT 110030</b> OUD/KALW. 11/7 GEM. SI/KALW. 102/7 <b>EHE 070001</b> OUD/KALW. 13/6 GEM. SI/KALW. 93/6 TKP 381	<b>Geboortegemak Waarde</b> <b>116</b> <b>Speenkalf Waarde</b> <b>108</b> <b>Vrugbaarheidswaarde</b> <b>106</b> <b>Onderhouds-waarde</b> <b>100</b> <b>Koeiwaarde</b> <b>113</b> <b>Groei-waarde</b> <b>105</b> <b>Karkas-waarde</b> <b>109</b>	<b>Kalf en Moeder</b> <b>Vrugbaarheid</b> <b>Na-Speen Groei</b> <b>Raam</b> <b>Karkas</b>	<b>Geb.</b> <b>Dir.</b> <b>Spn.</b> <b>Spn. Mat.</b> <b>Skr. Omtr.</b> <b>Vers Vrugb.</b> <b>Koei Vrugb.</b> <b>Lankl.</b> <b>Na-Speen</b> <b>GDT</b> <b>VOV</b> <b>Volw. Gewig</b> <b>Hoogte</b> <b>Lengte</b> <b>OSO</b> <b>Vet</b> <b>Mar</b>	<b>Spn. Indeks</b> <b>97</b> <b>365D Indeks</b> <b>-</b> <b>540D Indeks</b> <b>104</b> <b>GDT Indeks</b> <b>VOV Indeks</b> <b>Skrotum</b> <b>355</b> <b>LH</b> <b>1.21</b>	<b>Miostatien</b> <b>Q204X</b> <b>1</b> <b>NT821</b> <b>0</b> <b>F94L</b> <b>0</b>				
<b>LOGIX</b> EBV Analiese: 2022-07-18												

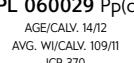
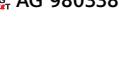
### OPMERKINGS:

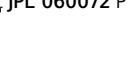
<b>LOT 13</b>	<b>JG VILJOEN &amp; SEUNS</b>	 <b>EHE 140026 Pp(c)</b> <b>EHE 180165 Pp(c)</b> 2018-08-01 SP <b>Ouerskap Vaar Moer</b> <b>DNS</b> <b>Genomes ✓</b>	<b>JPL 090065 P</b> <b>FCT 060147</b> <b>JPL 990042 P</b> OUD/KALW. 10/9 GEM. SI/KALW. 100/8 <b>JPL 070107</b> <b>WSS 090332</b> OUD/KALW. 12/11 GEM. SI/KALW. 98/9 TKP 378 <b>WSS 070009</b> OUD/KALW. 13/10 GEM. SI/KALW. 99/10 <b>MJG 040071 P</b> <b>JPL 020068</b> OUD/KALW. 6/3 GEM. SI/KALW. 109/3 <b>EHE 150037</b> OUD/KALW. 7/5 GEM. SI/KALW. 105/5 TKP 365 <b>EHE 110036</b> OUD/KALW. 6/2 GEM. SI/KALW. 112/2 TKP 383	<b>Geboortegemak Waarde</b> <b>76</b> <b>Speenkalf Waarde</b> <b>140</b> <b>Vrugbaarheidswaarde</b> <b>113</b> <b>Onderhouds-waarde</b> <b>68</b> <b>Koeiwaarde</b> <b>124</b> <b>Groei-waarde</b> <b>131</b> <b>Karkas-waarde</b> <b>143</b>	<b>Kalf en Moeder</b> <b>Vrugbaarheid</b> <b>Na-Speen Groei</b> <b>Raam</b> <b>Karkas</b>	<b>Geb.</b> <b>Dir.</b> <b>Spn.</b> <b>Spn. Mat.</b> <b>Skr. Omtr.</b> <b>Vers Vrugb.</b> <b>Koei Vrugb.</b> <b>Lankl.</b> <b>Na-Speen</b> <b>GDT</b> <b>VOV</b> <b>Volw. Gewig</b> <b>Hoogte</b> <b>Lengte</b> <b>OSO</b> <b>Vet</b> <b>Mar</b>	<b>Spn. Indeks</b> <b>112</b> <b>365D Indeks</b> <b>-</b> <b>540D Indeks</b> <b>101</b> <b>GDT Indeks</b> <b>VOV Indeks</b> <b>Skrotum</b> <b>342</b> <b>LH</b> <b>1.23</b>	<b>Miostatien</b> <b>Q204X</b> <b>1</b> <b>NT821</b> <b>0</b> <b>F94L</b> <b>0</b>				
<b>LOGIX</b> EBV Analiese: 2022-07-18												

### OPMERKINGS: Gebruik in kudde

## BULLS

LOT 14		JG VILJOEN & SEUNS	VV 110192	VV 070261	Calving Ease Value <b>90</b>	Weaner Calf Value <b>119</b>	Fertility Value <b>89</b>	Maintenance Value <b>81</b>	Cow Value <b>102</b>	Growth Value <b>108</b>	Carcass Value <b>134</b>
 EHE 180302 Pp(c) 2018-11-06 B			VV 130330 Pp(c)	VV 080208 Pp(c) AGE/CALV. 13/11 AVG. WI/CALV. 104/11 ICP 371	VV 050336 AGE/CALV. 8/5 AVG. WI/CALV. 109/5	VV 050378 P AGE/CALV. 10/7 AVG. WI/CALV. 97/7					
<b>Parentage Sire Dam</b>											
<b>DNA</b>											
<b>Genomic</b> 											
 WSS 120133 P AGE/CALV. 9/7 AVG. WI/CALV. 108/7 ICP 359											
<b>MULTIPLE SIRES</b>											
 JJC 020134 AGE/CALV. 12/10 AVG. WI/CALV. 113/9 ICP 366											
 JPL 990022											
 JJC 970246 AGE/CALV. 25/3 AVG. WI/CALV. 103/3											
<b>REMARKS:</b>											
<b>LOGIX EBV Analysis: 2022-07-18</b>											

LOT 15		JG VILJOEN & SEUNS	VV 110192	VV 070261	Calving Ease Value <b>93</b>	Weaner Calf Value <b>123</b>	Fertility Value <b>86</b>	Maintenance Value <b>88</b>	Cow Value <b>106</b>	Growth Value <b>123</b>	Carcass Value <b>134</b>
 EHE 180301 Pp(c) 2018-11-05 SP			VV 130330 Pp(c)	VV 080208 Pp(c) AGE/CALV. 13/11 AVG. WI/CALV. 104/11 ICP 371	VV 050336 AGE/CALV. 8/5 AVG. WI/CALV. 109/5	VV 050378 P AGE/CALV. 10/7 AVG. WI/CALV. 97/7					
<b>Parentage Sire Dam</b>											
<b>DNA</b>											
<b>Genomic</b> 											
 JPL 060029 Pp(c) AGE/CALV. 14/12 AVG. WI/CALV. 109/11 ICP 370											
 AG 980338											
 AG 920184 AGE/CALV. 11/9 AVG. WI/CALV. 103/8											
 HOT B 0249											
 PJT K 0009 P AGE/CALV. 18/13 AVG. WI/CALV. 101/14 ICP 416											
 PJT D 0050 AGE/CALV. 38/9 AVG. WI/CALV. 99/7											
<b>REMARKS:</b>											
<b>LOGIX EBV Analysis: 2022-07-18</b>											

LOT 16		JG VILJOEN & SEUNS	VV 120286 HH(c)	VV 090089	Calving Ease Value <b>97</b>	Weaner Calf Value <b>104</b>	Fertility Value <b>115</b>	Maintenance Value <b>92</b>	Cow Value <b>109</b>	Growth Value <b>126</b>	Carcass Value <b>129</b>
 EHE 190307 HH(c) 2019-11-06 SP			VV 170145 Pp(c)	VV 080077 AGE/CALV. 13/10 AVG. WI/CALV. 109/10	VV 050336 AGE/CALV. 8/5 AVG. WI/CALV. 109/5	VV 050378 P AGE/CALV. 10/7 AVG. WI/CALV. 97/7					
<b>Parentage Sire Dam</b>											
<b>DNA</b>											
<b>Genomic</b> 											
 EHE 160101 AGE/CALV. 6/4 AVG. WI/CALV. 92/4 ICP 367											
 JPL 060072 P											
 CEF 910084 AGE/CALV. 16/13 AVG. WI/CALV. 102/13											
 EHE 110039 AGE/CALV. 7/2 AVG. WI/CALV. 97/2 ICP 401											
<b>REMARKS:</b>											
<b>LOGIX EBV Analysis: 2022-07-18</b>											

### BULLE

<b>LOT 17</b>		<b>JG VILJOEN &amp; SEUNS</b>																	
		PAD 090053	EI 040038	 EI 980080 EI 990057 OUD/KALW. 8/4 GEM. SI/KALW. 105/4	Geboortegemak Waarde <b>83</b>	Speenkalf Waarde <b>113</b>	Vrugbaarheids- waarde <b>108</b>	Onderhouds- waarde <b>91</b>	Koeiwaarde <b>107</b>	Groei- waarde <b>121</b>	Karkas- waarde <b>117</b>								
 GA 160341 Pp(c) 2016-04-28 SP		AG 920076 OUD/KALW. 21/18 GEM. SI/KALW. 103/18 TKP 388	AG L 0150 OUD/KALW. 33/9 GEM. SI/KALW. 95/8	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei		Raam		Karkas									
Ouerskap Vaar Moer  DNS ✓ ✓ Genomes		AEK 040051	HJL 990147	Geb. Dir. 59	Spn. Dir. 120	Spn. Mat. 95	Skr. Omtr. 110	Vers Vrugb. 109	Koei Vrugb. 95	Lankl. 113	Na-Speen 119	GDT 125	VOV 113	Volw. Gewig 109	Hoogte 107	Lengte 106	OSO 91	Vet 132	Mar 59
CRV 090134 P OUD/KALW. 12/9 GEM. SI/KALW. 107/8 TKP 426		EI 050072 OUD/KALW. 10/7 GEM. SI/KALW. 104/7 TKP 434	 FCT 980067 EI 010090 OUD/KALW. 4/2 GEM. SI/KALW. 106/2	Spn. Indeks 100	365D Indeks -	540D Indeks -	GDT Indeks 97	VOV Indeks -	Skrotum 358	LH 1.17	Miostatien								
											Q204X 0	NT821 0	F94L 0						
<b>OPMERKINGS:</b> Behou een mede eienaarskap, Kuddevaar												 EBV Analiese: 2022-07-18							

<b>LOT 18</b>		<b>JG VILJOEN &amp; SEUNS</b>																	
		 VV 170145 Pp(c)		 VV 120286 HH(c)	 VV 090089 VV 080077 OUD/KALW. 13/10 GEM. SI/KALW. 108/10	Geboortegemak Waarde <b>91</b>	Speenkalf Waarde <b>103</b>	Vrugbaarheids- waarde <b>100</b>	Onderhouds- waarde <b>84</b>	Koeiwaarde <b>98</b>	Groei- waarde <b>130</b>	Karkas- waarde <b>126</b>							
 EHE 190335 Pp(c) 2019-11-18 SP	Ouerskap Vaar Moer  DNS Genomes ✓	VV 140187 P OUD/KALW. 8/6 GEM. SI/KALW. 113/5 TKP 391	 VV 110238 VV 100056 OUD/KALW. 12/9 GEM. SI/KALW. 108/9	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei		Raam		Karkas									
EHE 160058 P OUD/KALW. 6/4 GEM. SI/KALW. 100/3 TKP 413		JPL 060072 P	 JPL 020071 P CEF 910084 OUD/KALW. 16/13 GEM. SI/KALW. 102/13	Geb. Dir. 94	Spn. Dir. 114	Spn. Mat. 94	Skr. Omtr. 119	Vers Vrugb. 90	Koei Vrugb. 109	Lankl. 110	Na-Speen 117	GDT 127	VOV 103	Volw. Gewig 118	Hoogte 109	Lengte 123	OSO 119	Vet 84	Mar 96
EHE 110038 OUD/KALW. 7/4 GEM. SI/KALW. 97/3 TKP 398			 EHE 110038	Spn. Indeks 108	365D Indeks -	540D Indeks -	GDT Indeks 122	VOV Indeks -	Skrotum 368	LH 1.26	Miostatien								
											Q204X 1	NT821 0	F94L 0						
<b>OPMERKINGS:</b>												 EBV Analiese: 2022-07-18							

<b>LOT 19</b>		<b>JG VILJOEN &amp; SEUNS</b>																	
		 EHE 140026 Pp(c)		JPL 090065 P	 FCT 060147 JPL 990042 P OUD/KALW. 10/9 GEM. SI/KALW. 100/8	Geboortegemak Waarde <b>81</b>	Speenkalf Waarde <b>115</b>	Vrugbaarheids- waarde <b>109</b>	Onderhouds- waarde <b>75</b>	Koeiwaarde <b>106</b>	Groei- waarde <b>128</b>	Karkas- waarde <b>130</b>							
EHE 200535 2020-05-13 B	Ouerskap Vaar Moer  DNS Genomes	WSS 090332 OUD/KALW. 12/11 GEM. SI/KALW. 98/9 TKP 378	JPL 070107 WSS 070009 OUD/KALW. 13/10 GEM. SI/KALW. 99/10	Kalf en Moeder	Vrugbaarheid	Na-Speen Groei		Raam		Karkas									
EHE 050009 OUD/KALW. 16/6 GEM. SI/KALW. 100/6 TKP 366				Geb. Dir. 81	Spn. Dir. 132	Spn. Mat. 85	Skr. Omtr. 115	Vers Vrugb. 105	Koei Vrugb. 111	Lankl. 99	Na-Speen 125	GDT 126	VOV 117	Volw. Gewig 132	Hoogte 124	Lengte 118	OSO 151	Vet 81	Mar 108
				Spn. Indeks 109	365D Indeks -	540D Indeks -	GDT Indeks 123	VOV Indeks -	Skrotum 362	LH 1.19	Miostatien								
											Q204X Nie Getoets	NT821 Nie Getoets	F94L Nie Getoets						
<b>OPMERKINGS:</b> Poena												 EBV Analiese: 2022-07-18							

**BULLS**

<b>LOT 20</b>	<b>JG VILJOEN &amp; SEUNS</b>	  <b>EHE 200538</b> 2020-06-03 B  <table border="1"> <tr> <td>Parentage</td><td>Sire</td><td>Dam</td></tr> <tr> <td>DNA</td><td></td><td></td></tr> <tr> <td>Genomic</td><td></td><td></td></tr> </table>	Parentage	Sire	Dam	DNA			Genomic			<b>JPL 090065 P</b>  <b>FCT 060147</b> <b>JPL 990042 P</b> AGE/CALV. 10/9 AVG. WI/CALV. 100/8 <b>JPL 070107</b> <b>WSS 090332</b> AGE/CALV. 12/11 AVG. WI/CALV. 98/9 ICP 378  <b>WSS 070009</b> AGE/CALV. 13/10 AVG. WI/CALV. 99/10	<table border="1"> <tr> <td>Calving Ease Value</td><td>Weaner Calf Value</td><td>Fertility Value</td><td>Maintenance Value</td><td>Cow Value</td><td>Growth Value</td><td>Carcass Value</td></tr> <tr> <td><b>74</b></td><td><b>110</b></td><td><b>114</b></td><td><b>84</b></td><td><b>108</b></td><td><b>125</b></td><td><b>131</b></td></tr> </table> <table border="1"> <tr> <th colspan="4">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> <td>Birth Dir.</td><td>Wean Dir.</td><td>Wean Mat.</td><td>Scr. Circ.</td><td>Heifer Fert.</td><td>Cow Fert.</td><td>Longev.</td><td>Post Wean</td><td>ADG</td><td>FCR</td><td>Mature Weight</td><td>Height</td><td>Length</td><td>EMA</td><td>Fat</td><td>Mar</td></tr> <tr> <td>75</td><td>124</td><td>97</td><td>110</td><td>109</td><td>114</td><td>102</td><td>125</td><td>129</td><td>115</td><td>118</td><td>112</td><td>120</td><td>151</td><td>61</td><td>103</td></tr> </table> <table border="1"> <tr> <td>Wean Index</td><td>365D Index</td><td>540D Index</td><td>ADG Index</td><td>FCR Index</td><td>Scrotum</td><td>LH</td></tr> <tr> <td><b>99</b></td><td>-</td><td>-</td><td><b>106</b></td><td>-</td><td><b>348</b></td><td><b>1.26</b></td></tr> </table>	Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value	<b>74</b>	<b>110</b>	<b>114</b>	<b>84</b>	<b>108</b>	<b>125</b>	<b>131</b>	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	75	124	97	110	109	114	102	125	129	115	118	112	120	151	61	103	Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	<b>99</b>	-	-	<b>106</b>	-	<b>348</b>	<b>1.26</b>	<table border="1"> <tr> <td colspan="12">Myostatin</td></tr> <tr> <td>Q204X</td><td colspan="11">Not Tested</td></tr> <tr> <td>NT821</td><td colspan="11">Not Tested</td></tr> <tr> <td>F94L</td><td colspan="11" rowspan="3">Not Tested</td></tr> </table>	Myostatin												Q204X	Not Tested											NT821	Not Tested											F94L	Not Tested										
Parentage	Sire	Dam																																																																																																																																								
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<b>LOGIX EBV Analysis: 2022-07-18</b>																																																																																																																																										

**LOT 23**	**JG VILJOEN & SEUNS**	**EHE 190279 Pp(c)**   2019-10-31   SP					-----------	------	-----		Parentage	Sire	Dam		DNA				Genomic	✓			**EHE 170031 Pp(c)**    **WAT 130339 HH(c)**    **WAT 080173**  **WAT 020277**   AGE/CALV. 13/11   AVG. WI/CALV. 109/9   **MCU 040064 P**   AGE/CALV. 17/14   AVG. WI/CALV. 104/15   ICP 381   **MCU 020031 P**  **MCU 010102 P**   AGE/CALV. 4/2   AVG. WI/CALV. 93/2   **NFS 130082**    **NFS 100152**   **NFS 060055**   AGE/CALV. 11/9   AVG. WI/CALV. 103/9   **EHE 130002**   AGE/CALV. 8/6   AVG. WI/CALV. 107/6   ICP 386										--------------------	-------------------	-----------------	-------------------	------------	--------------	---------------		Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value		<b>100</b>	<b>113</b>	<b>119</b>	<b>91</b>	<b>123</b>	<b>115</b>	<b>120</b>		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		106	107	121	109	107	119	112	113	122	111	106	111	113	107	118	73										------------	------------	------------	------------	-----------	------------	-------------		Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH		<b>105</b>	-	-	<b>114</b>	-	<b>326</b>	<b>1.21</b>																-----------	---	--	--	--	--	--	--	--	--	--	--		Myostatin													Q204X	0												NT821	0												F94L	0											
**REMARKS:**																																																																																																																																																																																																																																											
**LOGIX EBV Analysis: 2022-07-18**																																																																																																																																																																																																																																											

**LOT 24**	**JG VILJOEN & SEUNS**	**EHE 140026 Pp(c)**					-----------	------	-----		Parentage	Sire	Dam		DNA				Genomic				**EHE 140026 Pp(c)**    **JPL 090065 P**    **FCT 060147**  **JPL 990042 P**   AGE/CALV. 10/9   AVG. WI/CALV. 100/8   **JPL 070107**  **WSS 090332**   AGE/CALV. 12/11   AVG. WI/CALV. 98/9   ICP 378   **WSS 070009**   AGE/CALV. 13/10   AVG. WI/CALV. 99/10										--------------------	-------------------	-----------------	-------------------	------------	--------------	---------------		Calving Ease Value	Weaner Calf Value	Fertility Value	Maintenance Value	Cow Value	Growth Value	Carcass Value		<b>89</b>	<b>111</b>	<b>118</b>	<b>84</b>	<b>114</b>	<b>122</b>	<b>126</b>		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		87	119	97	112	114	115	104	118	126	114	117	128	126	151	61	101										------------	------------	------------	-----------	-----------	------------	-------------		Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH		<b>100</b>	-	-	<b>99</b>	-	<b>353</b>	<b>1.18</b>																-----------	------------	--	--	--	--	--	--	--	--	--	--		Myostatin													Q204X	Not Tested												NT821	Not Tested												F94L	Not Tested											
**REMARKS: Poena**																																																																																																																																																																																																																																											
**LOGIX EBV Analysis: 2022-07-18**																																																																																																																																																																																																																																											

### BULLE

**LOT 25** JG VILJOEN & SEUNS

EHE 200524  
2020-04-27  
B

Ouerskap Vaar Moer	DNS	Genomes
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VV 130330 Pp(c)

VV 080208 Pp(c)  
OUD/KALW. 13/11  
GEM. SI/KALW. 104/11  
TKP 371

EHE 130006  
OUD/KALW. 8/7  
GEM. SI/KALW. 97/6  
TKP 363

VV 110192	VV 070261	Geboortegemak Waarde <b>85</b>	Speenkalf Waarde <b>109</b>	Vrugbaarheidswaarde <b>97</b>	Onderhouds-waarde <b>84</b>	Koeiwaarde <b>96</b>	Groei-waarde <b>124</b>	Karkas-waarde <b>134</b>									
		VV 050336 OUD/KALW. 8/5 GEM. SI/KALW. 109/5	VV 050378 P VV 990235 OUD/KALW. 10/7 GEM. SI/KALW. 97/7	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
		80	126	77	126	86	110	104	128	124	111	119	130	128	116	119	141
		Spn. Indeks <b>104</b>		365D Indeks -		540D Indeks -		GDT Indeks <b>127</b>		VOV Indeks -		Skrotum <b>362</b>		LH <b>1.20</b>			
		Miostatien															
		Q204X Nie Getoets															
		NT821 Nie Getoets															
		F94L Nie Getoets															

**OPMERKINGS:**

LOGIX EBV Analiese: 2022-07-18

**LOT 26** JG VILJOEN & SEUNS

EHE 200522  
2020-04-24  
B

Ouerskap Vaar Moer	DNS	Genomes
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JPL 090065 P

WSS 090332  
OUD/KALW. 12/11  
GEM. SI/KALW. 98/9  
TKP 378

EHE 130015  
OUD/KALW. 8/7  
GEM. SI/KALW. 103/6  
TKP 364

EHE 140026 Pp(c)	FCT 060147	Geboortegemak Waarde <b>96</b>	Speenkalf Waarde <b>115</b>	Vrugbaarheidswaarde <b>114</b>	Onderhouds-waarde <b>80</b>	Koeiwaarde <b>115</b>	Groei-waarde <b>116</b>	Karkas-waarde <b>129</b>									
		JPL 990042 P OUD/KALW. 10/9 GEM. SI/KALW. 100/8	JPL 070107	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
		91	120	100	123	108	115	102	117	121	110	124	111	122	151	70	125
		Spn. Indeks <b>99</b>		365D Indeks -		540D Indeks -		GDT Indeks <b>96</b>		VOV Indeks -		Skrotum <b>375</b>		LH <b>1.24</b>			
		Miostatien															
		Q204X Nie Getoets															
		NT821 Nie Getoets															
		F94L Nie Getoets															

**OPMERKINGS:**

LOGIX EBV Analiese: 2022-07-18

**LOT 27** JG VILJOEN & SEUNS

EHE 190245 Pp(c)  
2019-10-23  
SP

Ouerskap Vaar Moer	DNS	Genomes
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VV 120286 HH(c)

VV 100063  
OUD/KALW. 12/10  
GEM. SI/KALW. 101/9  
TKP 371

EHE 170106  
OUD/KALW. 5/3  
GEM. SI/KALW. 100/3  
TKP 372

EHE 110005  
OUD/KALW. 6/2  
GEM. SI/KALW. 96/2  
TKP 375

EHE 170190 HH(c)	VV 090089	Geboortegemak Waarde <b>115</b>	Speenkalf Waarde <b>96</b>	Vrugbaarheidswaarde <b>108</b>	Onderhouds-waarde <b>100</b>	Koeiwaarde <b>105</b>	Groei-waarde <b>116</b>	Karkas-waarde <b>112</b>									
		VV 080077 OUD/KALW. 13/10 GEM. SI/KALW. 108/10	VV 060403 P	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	92	101	94	103	104	111	98	116	107	98	109	108	84	153	121
		Spn. Indeks <b>91</b>		365D Indeks -		540D Indeks -		GDT Indeks <b>117</b>		VOV Indeks -		Skrotum <b>326</b>		LH <b>1.21</b>			
		Miostatien															
		Q204X 0															
		NT821 0															
		F94L 0															

**OPMERKINGS:**

LOGIX EBV Analiese: 2022-07-18

BULLS

<b>LOT 28</b>	JG VILJOEN & SEUNS	NFS 100152		NFS 060243  Calving Ease Value 113	NFS 060062  Weaner Calf Value 104	Fertility Value 106	Maintenance Value 98	Cow Value 109	Growth Value 111	Carcass Value 110								
		NFS 130082		DFP 000173  Calf and Mother	DFP 000173  Fertility	DFP 000173  Post-Wean Growth	DFP 000173  Frame	DFP 000173  Carcass										
		NFS 060055  Avg. Wi/CALV. 103/9 ICP 387		Birth Dir. 111	Wean Dir. 98	Wean Mat. 105	Scr. Circ. 116	Heifer Fert. 102	Cow Fert. 104	Longev. 106	Post Wean 98	ADG 113	FCR 105	Mature Weight 100	Height 101	Length 109	EMA 129	Fat 93
	EHE 190319 Pp(c) 2019-11-08 B			Wean Index 98	365D Index -	540D Index -	ADG Index 107	FCR Index -	Scrotum 369	LH 1.24								
	EHE 140045  AGE/CALV. 8/6 AVG. WI/CALV. 101/5 ICP 378																	
	Parentage Sire Dam DNA Genomic																	

REMARKS:

LOGIX EBV Analysis: 2022-07-18

<b>LOT 29</b>	JG VILJOEN & SEUNS	WAT 080173		WAT 000200  Calving Ease Value 122	WAT 020231  Weaner Calf Value 111	Fertility Value 109	Maintenance Value 83	Cow Value 118	Growth Value 115	Carcass Value 125								
		WAT 130339 HH(c)		WAT 970101  Calf and Mother	WAT 970101  Fertility	WAT 970101  Post-Wean Growth	WAT 970101  Frame	WAT 970101  Carcass										
		WAT 020277  Avg. Wi/CALV. 109/9 ICP 393		Birth Dir. 123	Wean Dir. 101	Wean Mat. 117	Scr. Circ. 100	Heifer Fert. 107	Cow Fert. 109	Longev. 100	Post Wean 110	ADG 116	FCR 100	Mature Weight 118	Height 106	Length 110	EMA 104	Fat 120
	EHE 190571 2019-08-16 B			Wean Index 100	365D Index -	540D Index -	ADG Index 109	FCR Index 102	Scrotum 310	LH 1.18								
	EHE 140191  AGE/CALV. 6/4 AVG. WI/CALV. 101/3 ICP 400																	
	Parentage Sire Dam DNA Genomic																	

REMARKS: Poena

LOGIX EBV Analysis: 2022-07-18

<b>LOT 31</b>	JG VILJOEN & SEUNS	MCU 140060 Pp(c)		JJ 040115  Calving Ease Value 98	MCU 050086 Pp(c)  Weaner Calf Value 123	Fertility Value 107	Maintenance Value 72	Cow Value 114	Growth Value 136	Carcass Value 139								
		MCU 040064 P		MCU 020031 P  Calf and Mother	MCU 010102 P  Fertility	MCU 010102 P  Post-Wean Growth	MCU 010102 P  Frame	MCU 010102 P  Carcass										
		VV 150029		Birth Dir. 96	Wean Dir. 130	Wean Mat. 93	Scr. Circ. 132	Heifer Fert. 92	Cow Fert. 120	Longev. 109	Post Wean 136	ADG 135	FCR 115	Mature Weight 136	Height 130	Length 130	EMA 110	Fat 94
	EHE 190230 HH(c) 2019-10-17 SP			Wean Index 106	365D Index -	540D Index -	ADG Index 120	FCR Index -	Scrotum 376	LH 1.18								
	VV 170101  AGE/CALV. 5/3 AVG. WI/CALV. 107/3 ICP 421																	
	Parentage Sire Dam DNA Genomic ✓																	
	VV 100185  AGE/CALV. 12/10 AVG. WI/CALV. 106/9 ICP 383			VV 080067  Wean Index 106	VV 060403 P  365D Index -	VV 050452  540D Index -	VV 050452  ADG Index 120	VV 050452  FCR Index -	VV 050452  Scrotum 376	VV 050452  LH 1.18								

REMARKS:

LOGIX EBV Analysis: 2022-07-18

**BULLE**

<b>LOT 32</b>	<b>JG VILJOEN &amp; SEUNS</b>	  Ouerskap Vaar Moer DNS Genomes ✓	  	   	    	<b>Geboortegemak Waarde</b> <b>74</b>	<b>Speenkalf Waarde</b> <b>129</b>	<b>Vrugbaarheidswaarde</b> <b>89</b>	<b>Onderhouds-waarde</b> <b>77</b>	<b>Koeiwaarde</b> <b>106</b>	<b>Groei-waarde</b> <b>133</b>	<b>Karkas-waarde</b> <b>146</b>
<b>Kalf en Moeder</b>												
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Spree	GDT	VOV	Volw. Gewig	Hoogte	Lengte
61	137	107	126	79	105	104	145	145	125	127	151	139
<b>Spn. Indeks</b> <b>119</b>	<b>365D Indeks</b> <b>-</b>	<b>540D Indeks</b> <b>-</b>	<b>GDT Indeks</b> <b>127</b>	<b>VOV Indeks</b> <b>-</b>	<b>Skrotum</b> <b>318</b>	<b>LH</b> <b>1.20</b>	<b>Miostatien</b>			LOGIX EBV Analiese: 2022-07-18		
Q204X 0			NT821 0			F94L 0						
<b>OPMERKINGS:</b>												

<b>LOT 33</b>	<b>JG VILJOEN &amp; SEUNS</b>	  		  	    	<b>Geboortegemak Waarde</b> <b>110</b>	<b>Speenkalf Waarde</b> <b>102</b>	<b>Vrugbaarheidswaarde</b> <b>110</b>	<b>Onderhouds-waarde</b> <b>95</b>	<b>Koeiwaarde</b> <b>108</b>	<b>Groei-waarde</b> <b>112</b>	<b>Karkas-waarde</b> <b>113</b>
<b>Kalf en Moeder</b>												
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Spree	GDT	VOV	Volw. Gewig	Hoogte	Lengte
108	105	89	118	103	112	107	105	112	102	104	100	109
<b>Spn. Indeks</b> <b>97</b>	<b>365D Indeks</b> <b>-</b>	<b>540D Indeks</b> <b>-</b>	<b>GDT Indeks</b> <b>106</b>	<b>VOV Indeks</b> <b>-</b>	<b>Skrotum</b> <b>365</b>	<b>LH</b> <b>1.17</b>	<b>Miostatien</b>			LOGIX EBV Analiese: 2022-07-18		
Q204X 0			NT821 0			F94L 0						
<b>OPMERKINGS:</b>												

<b>LOT 35</b>	<b>JG VILJOEN &amp; SEUNS</b>	 		   	       	<b>Geboortegemak Waarde</b> <b>88</b>	<b>Speenkalf Waarde</b> <b>113</b>	<b>Vrugbaarheidswaarde</b> <b>85</b>	<b>Onderhouds-waarde</b> <b>85</b>	<b>Koeiwaarde</b> <b>98</b>	<b>Groei-waarde</b> <b>124</b>	<b>Karkas-waarde</b> <b>127</b>
<b>Kalf en Moeder</b>												
Geb. Dir.	Spn. Dir.	Spn. Mat.	Skr. Omtr.	Vers Vrugb.	Koei Vrugb.	Lankl.	Na- Spree	GDT	VOV	Volw. Gewig	Hoogte	Lengte
88	109	126	110	84	92	100	114	129	110	114	129	128
<b>Spn. Indeks</b> <b>98</b>	<b>365D Indeks</b> <b>-</b>	<b>540D Indeks</b> <b>-</b>	<b>GDT Indeks</b> <b>118</b>	<b>VOV Indeks</b> <b>104</b>	<b>Skrotum</b> <b>341</b>	<b>LH</b> <b>1.20</b>	<b>Miostatien</b>			LOGIX EBV Analiese: 2022-07-18		
Q204X 0			NT821 0			F94L 0						
<b>OPMERKINGS:</b> Homosigotiese Poena, Gebruik in kudde												

## BULLS

<b>LOT 36</b>	<b>JG VILJOEN &amp; SEUNS</b>	 	<b>JMP 040248</b> <b>JMP 020012</b> AGE/CALV. 17/11 AVG. WI/CALV. 102/10 <b>JJ 050138</b> <b>NFS 020156 P</b> AGE/CALV. 18/15 AVG. WI/CALV. 99/15 <b>EHE 160117</b> AGE/CALV. 6/4 AVG. WI/CALV. 103/3 ICP 366	<b>FCT 970024</b> <b>Calving Ease Value</b> <b>92</b>	<b>Weaner Calf Value</b> <b>103</b>	<b>Fertility Value</b> <b>91</b>	<b>Maintenance Value</b> <b>81</b>	<b>Cow Value</b> <b>95</b>	<b>Growth Value</b> <b>113</b>	<b>Carcass Value</b> <b>126</b>																																												
				<b>Calf and Mother</b> <b>Fertility</b> <table border="1"> <tr> <td>Birth Dir.</td><td>Wean Dir.</td><td>Wean Mat.</td><td>Scr. Circ.</td><td>Heifer Fert.</td><td>Cow Fert.</td><td>Longev.</td><td>Post Wean</td><td>ADG</td><td>FCR</td><td>Mature Weight</td><td>Height</td><td>Length</td><td>EMA</td><td>Fat</td><td>Mar</td></tr> <tr> <td>96</td><td>106</td><td>116</td><td>103</td><td>91</td><td>92</td><td>106</td><td>114</td><td>125</td><td>114</td><td>120</td><td>116</td><td>118</td><td>110</td><td>143</td><td>109</td></tr> </table>	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar	96	106	116	103	91	92	106	114	125	114	120	116	118	110	143	109	<b>Post-Wean Growth</b> <b>Frame</b> <b>Carcass</b> <table border="1"> <tr> <td>Wean Index</td><td>365D Index</td><td>540D Index</td><td>ADG Index</td><td>FCR Index</td><td>Scrotum</td><td>LH</td><td>Myostatin</td></tr> <tr> <td>93</td><td>-</td><td>-</td><td>97</td><td>101</td><td>332</td><td>1.21</td><td>Q204X 0</td></tr> </table>	Wean Index	365D Index	540D Index	ADG Index	FCR Index	Scrotum	LH	Myostatin	93	-	-	97	101	332	1.21	Q204X 0	<b>REMARKS:</b>
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar																																							
96	106	116	103	91	92	106	114	125	114	120	116	118	110	143	109																																							
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93	-	-	97	101	332	1.21	Q204X 0																																															

<b>LOT 37</b>	<b>JG VILJOEN &amp; SEUNS</b>	 	<b>FCT 110002</b> <b>FCT 080040</b> AGE/CALV. 5/3 AVG. WI/CALV. 97/3	<b>FCT 080218</b> <b>Calving Ease Value</b> <b>117</b>	<b>Weaner Calf Value</b> <b>122</b>	<b>Fertility Value</b> <b>95</b>	<b>Maintenance Value</b> <b>96</b>	<b>Cow Value</b> <b>118</b>	<b>Growth Value</b> <b>116</b>	<b>Carcass Value</b> <b>122</b>																											
				<b>Calf and Mother</b> <b>Fertility</b> <b>Post-Wean Growth</b> <b>Frame</b> <b>Carcass</b> <table border="1"> <tr> <td>Birth Dir.</td><td>Wean Dir.</td><td>Wean Mat.</td><td>Scr. Circ.</td><td>Heifer Fert.</td><td>Cow Fert.</td><td>Longev.</td><td>Post Wean</td><td>ADG</td><td>FCR</td><td>Mature Weight</td><td>Height</td><td>Length</td><td>EMA</td><td>Fat</td><td>Mar</td></tr> <tr> <td>116</td><td>107</td><td>119</td><td>113</td><td>88</td><td>105</td><td>104</td><td>109</td><td>122</td><td>112</td><td>101</td><td>113</td><td>117</td><td>118</td><td>129</td><td>122</td></tr> </table>	Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar	116	107	119	113	88	105	104	109	122	112	101	113	117	118	129	122	<b>REMARKS:</b>
Birth Dir.	Wean Dir.	Wean Mat.	Scr. Circ.	Heifer Fert.	Cow Fert.	Longev.	Post Wean	ADG	FCR	Mature Weight	Height	Length	EMA	Fat	Mar																						
116	107	119	113	88	105	104	109	122	112	101	113	117	118	129	122																						

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		36	265	7.19	50.9	1.21	352	1.04	-0.21	13.9	3.9	23	10	101	-48	10.3	22.6	15	42	104	110	115	103	5.0	111
1	EHE 190539	M	B	38	258	6.55	51.4	1.22	340	-0.06	-0.73	13.3	1.9	24	10	132	-66	6.6	2	19	105	101	95	101	7	116	
2	EHE 190584	M	B	42	293	6.56	40	1.17	324	3.64	-0.06	22.8	6.9	41	33	306	-104	22.9	32	59	105	125	115	109	7	117	
4	EHE 190122	M	SP	36	280	8.37	54.5	1.16	315	0.80	-0.05	18.7	9.7	38	16	206	-84	13.9	4	29	105	110	104	105	2	105	
5	EHE 190346	M	SP	29	225	5.69	38.5	1.20	380	-1.57	-0.50	12.5	1.0	23	25	136	-49	15.3	7	28	90	108	106	95	4	114	
6	EHE 190323	M	SP	47	277	9.13	48.1	1.24	378	4.27	0.54	26.9	4.8	50	21	292	-83	36.1	18	55	114	123	132	109	4	103	
7	EHE 160585	M	SP	32	258	-	46.3	1.21	330	-1.14	0.74	8.1	4.7	23	6	160	-50	2.6	16	29	100	109	91	101	5	104	
8	EHE 160056	M	SP	40	312	-	53.7	1.28	352	-0.47	-1.19	18.2	7.9	36	9	158	-68	23.1	5	36	116	100	116	103	11	112	
9	EHE 180258	M	SP	39	301	7.71	61.2	1.18	365	2.81	0.08	26.5	3.1	50	22	313	-104	28.6	24	44	119	132	123	105	5	110	
10	EHE 200046	M	SP	35	233	7.29	42.9	1.20	344	1.45	-0.24	19.9	7.1	34	34	130	-51	20.5	14	37	93	90	113	93	1	106	
11	EHE 200057	M	SP	32	263	8.1	65.9	1.21	406	-0.08	-0.55	19.9	7.2	40	5	247	-80	44.6	22	48	108	118	142	107	2	107	
12	EHE 190076	M	SP	32	262	6.6	46.8	1.21	355	-0.55	-0.40	14.6	4.3	28	7	146	-62	14	-11	18	97	104	105	96	4	114	
13	EHE 180165	M	SP	43	310	8.02	65.3	1.23	342	5.51	-0.21	35.8	4.0	52	57	250	-87	27.9	22	64	112	101	122	105	5	117	
14	EHE 180302	M	B	40	308	8.32	65.7	1.25	361	2.54	-0.91	25.5	3.5	42	34	192	-71	33.8	28	65	123	91	129	108	7	116	
15	EHE 180301	M	SP	35	299	6.63	57.4	1.17	370	1.59	0.11	24.5	6.1	44	23	250	-97	35	25	49	118	105	130	109	12	115	
16	EHE 190307	M	SP	35	233	9.21	41.5	1.19	365	1.53	-0.47	18.8	1.3	37	18	251	-79	32.5	3	31	93	130	127	92	4	116	
17	GA 160341	M	SP	39	273	6.68	-	1.17	358	5.34	-1.42	23.2	2.5	40	20	223	-76	18	7	24	100	97	110	107	9	103	
18	EHE 190335	M	SP	36	254	7.58	46.5	1.26	368	1.68	0.22	20.1	2.2	38	30	232	-55	25.7	8	47	108	122	119	100	4	106	
19	EHE 200535	M	B	35	262	6.67	63.5	1.19	362	3.00	-0.06	28.3	-0.4	45	46	224	-86	22.5	21	41	109	123	115	100	6	116	
20	EHE 200538	M	B	40	247	5.88	37.2	1.26	348	3.65	0.13	24.7	2.9	44	30	241	-82	18	11	43	99	106	110	105	6	114	
23	EHE 190279	M	SP	37	248	8.04	48.9	1.21	326	0.40	0.79	17.0	10.0	35	17	207	-73	17.2	10	34	105	114	109	106	3	111	
24	EHE 200534	M	B	36	246	6.32	51	1.18	353	2.40	-0.48	22.7	3.0	39	29	228	-79	20.3	24	52	100	99	112	103	7	103	
25	EHE 200524	M	B	41	258	7.81	53.2	1.20	362	3.13	-0.96	25.8	-2.7	48	31	218	-72	31.6	26	55	104	127	126	97	7	117	
26	EHE 200522	M	B	36	242	7.13	59.1	1.24	375	2.02	-0.98	22.9	3.9	40	36	203	-70	28.8	10	47	99	96	123	103	7	116	
27	EHE 190245	M	SP	33	219	8.15	48.8	1.21	326	-0.41	-0.37	10.3	4.3	24	8	178	-64	5.2	8	26	91	117	94	100	3	115	
28	EHE 190319	M	B	32	242	6.6	50.5	1.24	369	-0.15	-0.45	13.1	5.3	24	10	161	-59	23.1	2	28	98	107	116	101	6	113	

Dier Info				Werklike Syfers								Verwagte Teelwaardes								Indekse			Moeder			
LOT	Dier ID	Geslag	AFD	Geb. Gewig (kg)	205d Gewig (kg)	KKG Verh.	KKS Verh.	Lengte Hoogte Verh.	Skr. Omtr. (mm)	Geb Dir (kg)	Geb Mat (kg)	Spn Dir (kg)	Spn Mat (kg)	Na-Spn (kg)	Volw. Gewig (kg)	GDT (g/d)	VOV (kg:kg)	Skr. Omtr. (mm)	Hoogte (mm)	Lengte (mm)	Spn. GDT	Skr. Omtr.	Gem. Spn. Indeks	Aant. Kalw.	Repr. Indeks	
		Ras Gemiddeld																								
		Aanbod Gemiddeld		36	265	7.19	50.9	1.21	352	1.04 1.55	-0.21 -0.27	13.9 20.4	3.9 4.7	23 38	10 24	101 215	-48 -74	10.3 22.6	15	42	104	110	115	103	5.0	111
29	EHE 190571	M	B	31	280	5.39	49.5	1.18	310	-1.37	-0.20	14.3	8.8	34	30	178	-48	10	6	30	100	109	100	101	4	108
31	EHE 190230	M	SP	36	250	6.73	49	1.18	376	1.43	-0.47	27.3	2.0	54	50	268	-81	35.9	26	58	106	120	132	107	3	108
32	EHE 190291	M	SP	46	288	8.36	50.4	1.20	318	5.07	0.17	30.8	6.0	60	40	320	-104	31.8	44	70	119	127	126	109	5	113
33	EHE 190272	M	SP	30	240	6.82	48.5	1.17	365	0.24	-0.67	16.0	0.8	30	14	158	-52	24.8	1	28	97	106	118	100	4	110
35	EHE 190068	M	SP	35	264	6.36	46.4	1.20	341	2.30	-0.08	17.8	11.4	36	25	242	-70	18.3	26	55	98	118	110	111	4	114
36	EHE 190077	M	SP	32	253	6.15	48.5	1.21	332	1.42	0.61	16.5	8.5	35	32	220	-79	12.5	14	40	93	97	103	103	4	109
37	EHE 190108	M	SP	32	287	6.88	48.1	1.15	338	-0.67	-0.46	17.0	9.3	33	11	209	-76	20.8	12	39	108	104	113	111	4	113

**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.	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