

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

Veilingsdatum / Auction Date:
Month

Data soos op / Data as on:
25 January 2022



SA STAMBOEK
STUD BOOK

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

DEF 050022 7
 AGE/CALV. 13/9
 AVG. Wt/CALV. 105/9

GHI 070076 HH(c) 8
 AGE/CALV. 14/10
 AVG. Wt/CALV. 92/10

JKL 000077 P
 AGE/CALV. 13/9
 AVG. Wt/CALV. 105/9

ABC 080011
 AGE/CALV. 13/9
 AVG. Wt/CALV. 105/9

MNO 030002 13
 AGE/CALV. 19/10
 AVG. Wt/CALV. 109/10

2 CO-OWNER(S)
 USED IN HERD 12

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - 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.
- Number of owners/co-owners/users/semen-users - if more than 1 user
- Dam information
 - Age and Number of Calves
 - Average Wean Index and Number Weaned

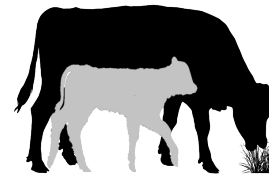
MYOSTATIN STATUS

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

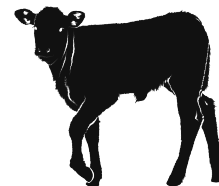


5 L♀ GIX Cow Value

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

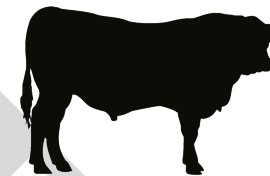
Selection of:

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



7 L♀ GIX Carcass Value

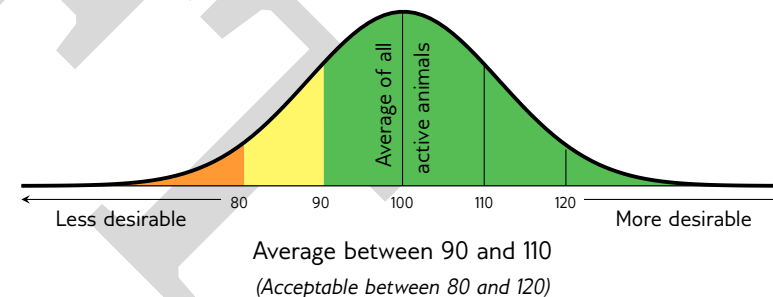
Selection for higher meat yield on carcass



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	Risk					Small
		Calf Growth Value	CGrV	Calf's genetic ability for pre-weaning growth	Heavy Calf	Light					Heavy
		Milk Value	MikV	Cow's genetic mothering and milking ability	Enough milk for the calf	Few					Many
	4	Maintenance Value	MntV	Maintenance requirements of cow (cow weight and milk)	Low 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 (R-value)	Profitable growth	Loss					Profit
Cow & Heifer	7	Carcass Value	VarcV	Meat on carcass (Weight and RTU EBVs)	More muscle on the carcass	Few					Many
		Production Value	PV	Combination of Cow- and Growth values (Rand-value)	Protifable animals	Low					High
	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	Small					Big
	18	Mature Cow Weight	MW	Cow weight at weaning of first three calves	Cow weight	Light			*	*	Heavy
		Cow-Calf Birth	CCB	EBV Birth Direct / EBV Mature Cow weight	Average	Low					High
Fertility		Cow-Calf Wean	CCW	EBV Wean Direct / EBV Mature Cow weight	Heavy	Low					High
	12	Heifer Fertility	HF	Age at first calving	Fertile heifers	Unfert.					Fertile
	13	Cow Fertility	CfE	First 3 inter-calving periods (ICPs)	Fertile cows	Unfert.					Fertile
	11	Scrotal Circumference	SC	Scrotal circumference as measured during the growth test	Fertile bulls	Unfert.					Fertile
Growth & Frame	14	Longevity	LG	Retention of progeny	Acceptable progeny	Weak					Good
	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	Weak					Good
	17	Feed Conversion Ratio	FCR	100g feed intake / g weight gain	Feed efficiency	Weak					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	More muscle	Small					Big
	22	Fat Thickness	Fat	RTU measured P8 backfat thickness	Carcass quality	Thin					Thick
	23	Marbling	Mar	RTU measured % of intra-muscular fat	Tender meat	Few					Many
		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

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

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.

- 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

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EXPLANATION OF CATALOGUE ABBREVIATIONS

VERDUIDELIKING VAN KATALOGUS AFKOR

	Lot Number	LOT	EBV	Parentage	AGE. / CALV.	Ave Wt / CALV.	LOT	EBV	Querskap	OU.D. / KALF.	GEM SI / KALF.	Lot Nommer	Beraamde teelwaarde	Querskap verifikasie	Ouderdom in jaar en maande / Aantal kalwi	Gemiddelde speen indeks / Aantal kalwers g
Estimated breeding value																
Parentage verification																
Age in years and months / Number of calvings																
Average Wean index / Number of calves weaned																
Animal identification number																
Herd Book Section																
Herd Book Section: Pending Registration																
Herd Book Section: Not for Registration																
Herd Book Section: Foundation Generation																
Herd Book Section: Appendix A																
Herd Book Section: Appendix B																
Herd Book Section: Studbook Proper, a registered animal																
Genomically Tested																
Homozygous Horned (Celtic test)																
Homozygous Polled (Celtic test)																
Heterozygous Polled (Celtic test)																
Phenotypically Polled																
Intercalving Period																
Birth Direct breeding value																
Wean Direct breeding value																
Wean Maternal breeding value																
Scrotal Circumference																
Heifer Fertility																
Cow Fertility																
Longevity																
Mature Weight																
Average Daily Gain (g/day)																
Feed Conversion Ratio (kg:kg)																
Eye Muscle Area																
Backfat Thickness																
Marbeling (intra-muscular fat)																
365-day weight index																
540-day weight index																
Length-Height ratio																
Birth weight																
Cow-Calf Birth Ratio																
Cow-Calf Wean Ratio																
Average Weaning Index																
Number of Calves																
Reproduction Index																
Animal sex: M - Male, F - Female																

Month