

**ENTERPRISE BUDGET**

<b>Classification</b>	Livestock	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Commercial extensive beef	<b>District</b>	Swartland/Cape Winelands
<b>Breed</b>	Nguni (Initial year)	<b>Area</b>	Swartland/Cape Winelands
<b>Date Developed</b>	04 April 2023	<b>Date updated</b>	08 September 2023
<b>Developer</b>	Blanche Williams	<b>Updater</b>	Blanche Williams
<b>Herd size</b>	<b>773</b>		
<b>LSU</b>	<b>489</b>		

Use this Budget only as aid in the planning process.

	Unit	Price Per Unit	Quantity	Per herd	Value Per LSU
<b>GROSS INCOME</b>				<b>4 012 265,95</b>	<b>8 205,09</b>
<b>Product Income</b>					
Beef weaners 12 months	KG	33,00	76 794	2 534 195,65	5 182,43
Cull cows	KG	42,00	34 327,39	1 441 750,25	2 948,38
Cull bulls	KG	46,00	789,57	36 320,05	74,27
<b>MARKETING COSTS</b>	0%		0,0	0,00	0,00
<b>GROSS INCOME minus MARKETING COSTS</b>				<b>4 012 265,95</b>	<b>8 205,09</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>8 935 758,69</b>	<b>18 273,63</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>8 914 827,83</b>	<b>18 230,83</b>
<b>CONSUMABLE ITEMS/COSTS</b>					
<b>PURCHASED FEED AND SUPPLEMENTS COSTS</b>				<b>613 970,20</b>	<b>1 255,57</b>
Wheat straw	Ton	1 725,00	103,66	178 813,50	365,67
Summer lick	Kg	9,84	11 981,25	117 893,82	241,09
Winter lick	Kg	9,84	11 981,25	117 893,82	241,09
Molasses	Kg	5,55	35 923,00	199 369,06	407,71
<b>FARM PRODUCED FEED COSTS</b>				<b>803 763,30</b>	<b>1 643,70</b>
Medics establishment	Ha	2 208,00	250,00	552 000,00	1 128,84
Oats establishment	Ha	1 257,81	180,00	226 405,80	463,00
Rye establishment	Ha	1 690,50	15,00	25 357,50	51,86
<b>MEDICINAL COSTS</b>				<b>160 997,19</b>	<b>329,24</b>
Attila	L	511,34	23,46	11 997,48	24,53
Ivermax	L	591,19	4,60	2 718,89	5,56
Ivomec	L	1 212,68	45,99	55 770,92	114,05
Botuvax	ML	2,71	1 334,00	3 616,95	7,40
Covexin 10	ML	5,11	2 668,00	13 629,86	27,87
Lumpyvax	ML	15,77	667,00	10 520,63	21,51
RB 51	ML	26,24	624,00	16 375,63	33,49
Virbamec +L	L	2 506,34	4,60	11 526,68	23,57
Multimin +SE Cu + Cr	ML	4,57	2 595,90	11 857,55	24,25
Pro Vit A	ML	2,70	1 022,00	2 763,95	5,65
Nobi-Vac	Doses	6,78	667,00	4 521,76	9,25
Dectomex	ML	3,41	4 599,00	15 696,88	32,10
<b>ELECTRICITY</b>				<b>240 000,00</b>	<b>490,80</b>
Electricity cost	R/Month	20 000,00	12,00	240 000,00	490,80
<b>CAPITAL COSTS</b>				<b>6 905 015,00</b>	<b>14 120,76</b>
Breeding bulls	Each	66 757,00	7,00	467 299,00	955,63
Breeding cows	Each	12 022,00	328,00	3 943 216,00	8 063,88
Fencing	KM	19 000,00	130,00	2 470 000,00	5 051,15
Water pump	Each	20 000,00	1,00	20 000,00	40,90
Feeding troughs	Each	150,00	30,00	4 500,00	9,20
<b>LABOUR</b>				<b>191 082,14</b>	<b>390,76</b>
Casual labour livestock	R/Manhours	25,42	7517,00	191 082,14	390,76
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>-4 902 561,88</b>	<b>-10 025,74</b>

<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>			<b>20 930,86</b>	<b>42,80</b>
Fuel	L	20,39	13 276,34	27,15
Repairs & Maintenance			7 654,52	15,65
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>			<b>-4 923 492,74</b>	<b>-10 068,55</b>
Interest on Working Capital			1 049 951,65	2 147,15
<b>MARGIN ABOVE SPECIFIED COSTS</b>			<b>-5 973 444,39</b>	<b>-12 215,70</b>

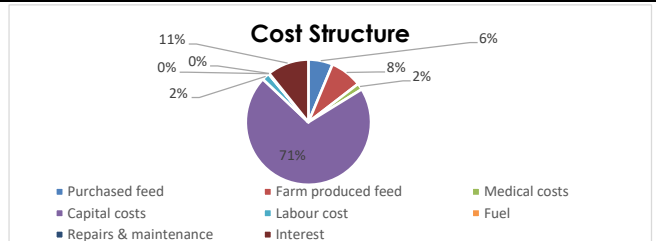
**NOTES:**

Interest Rate	11,75%
Growing period of an animal (Months)	12
Calving %	95
Mortality %	2

The Nguni extensive budget does not factor in herd expansion. It takes into account replacement and the rest of the offspring are sold.

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (KG)</b>	<b>PRICE (R/KG)</b>				
<b>YIELD CHANGE AT 10% INCREMENTS</b>	<b>LESS 10%</b>	<b>LESS 5%</b>	<b>ACTUAL</b>	<b>ADD 5%</b>	<b>ADD 10%</b>
	<b>R 32,27</b>	<b>R 34,06</b>	<b>R 35,85</b>	<b>R 37,64</b>	<b>R 39,44</b>
<b>89 528,61</b>	-R 7 096 879	-R 6 936 388	-R 6 775 898	-R 6 615 407	-R 6 454 916
<b>100 719,68</b>	-R 6 735 775	-R 6 555 223	-R 6 374 671	-R 6 194 119	-R 6 013 567
<b>111 910,8</b>	-R 6 374 671	-R 6 174 058	-R 5 973 444	-R 5 772 831	-R 5 572 218
<b>123 101,84</b>	-R 6 013 567	-R 5 792 892	-R 5 572 218	-R 5 351 543	-R 5 130 869
<b>134 292,91</b>	-R 5 652 463	-R 5 411 727	-R 5 170 991	-R 4 930 255	-R 4 689 519
<b>BREAKEVEN YIELD (KG)</b>	<b>309 470</b>	<b>293 182</b>	<b>278 523</b>	<b>265 260</b>	<b>253 203</b>

<b>Costs Of Production</b>	<b>R/year</b>
Purchased feed	613 970,20
Farm produced feed	803 763,30
Medical costs	160 997,19
Capital costs	6 905 015,00
Labour cost	191 082,14
Fuel	13 276,34
Repairs & maintenance	7 654,52
Interest	1 049 951,65



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