

ENTERPRISE BUDGET

Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne (Irrigated)- Yr 5+	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	01 March 2021	Latest update	15 November 2023
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay/Clay-Loam		

Use this enterprise budget as an aid in the planning process.

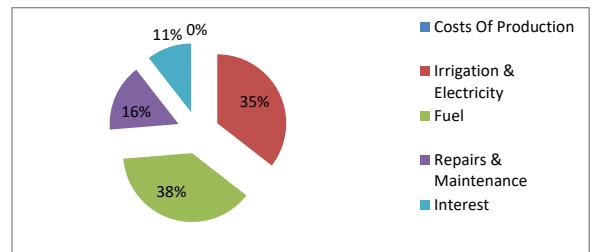
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			30,00	120 000,00	4 000,00
Product Income					
Lucerne -Sales (80%)	Ton	5 000,00	24,00	120 000,00	20 000,00
Lucerne - Feed (20%)	Ton	0,00	6,00	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		120 000,00	4 000,00
TOTAL ALLOCATABLE VARIABLE COSTS				7 711,59	257,05
DIRECTLY ALLOCATABLE VARIABLE COSTS				3 060,00	102,00
A) PRE-HARVEST COST					
IRRIGATION &ELECTRICITY				3 060,00	102,00
Electricity cost		170,00	18,00	3 060,00	102,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				116 940,00	3 898,00
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 651,59	155,05
B) PRE-HARVEST COST					
Fuel	L	21,06		0,00	0,00
Repairs & Maintenance				0,00	0,00
C) HARVEST COSTS					
Fuel	L	21,06		3 291,96	109,73
Repairs & Maintenance				1 359,63	45,32
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				112 288,41	3 742,95
Interest on Working Capital				906,11	30,20
MARGIN ABOVE SPECIFIED COSTS				111 382,30	3 712,74

NOTES:

Interest Rate 11,75%
 Growing period of Crop (Months) 12

SENSITIVITY ANALYSIS					
YIELD (Tons/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 4 500,00	R 4 750,00	R 5 000,00	R 5 250,00	R 5 500,00
19,20	R 77 782	R 82 582	R 87 382	R 92 182	R 96 982
21,60	R 88 582	R 93 982	R 99 382	R 104 782	R 110 182
24,00	R 99 382	R 105 382	R 111 382	R 117 382	R 123 382
26,40	R 110 182	R 116 782	R 123 382	R 129 982	R 136 582
28,80	R 120 982	R 128 182	R 135 382	R 142 582	R 149 782
BREAKEVEN YIELD (Ton/Ha)	1,92	1,81	1,72	1,64	1,57

Costs Of Production	R/Ha
Irrigation & Electricity	3 060,00
Fuel	3 291,96
Repairs & Maintenance	1 359,63
Interest	906,11

**Disclaimer**

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