

ENTERPRISE BUDGET

Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne (Irrigated)- Yr 4	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	02 March 2021	Latest update	03 October 2022
Developer	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			27,00	82 080,00	3 040,00
Product Income					
Lucerne -Sales (80%)	Ton	3 800,00	21,60	82 080,00	15 200,00
Lucerne - Feed (20%)	Ton	0,00	5,40	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		82 080,00	3 040,00
TOTAL ALLOCATABLE VARIABLE COSTS				7 816,84	289,51
DIRECTLY ALLOCATABLE VARIABLE COSTS				3 060,00	113,33
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 060,00	113,33
Electricity cost		170,00	18,00	3 060,00	113,33
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				79 020,00	2 926,67
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 756,84	176,18
B) PRE-HARVEST COST					
Fuel	L	21,73		0,00	0,00
Repairs & Maintenance				0,00	0,00
C) HARVEST COSTS					
Fuel	L	21,73		3 397,21	125,82
Repairs & Maintenance				1 359,63	50,36
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				74 263,16	2 750,49
Interest on Working Capital				762,14	28,23
MARGIN ABOVE SPECIFIED COSTS				73 501,02	2 722,26

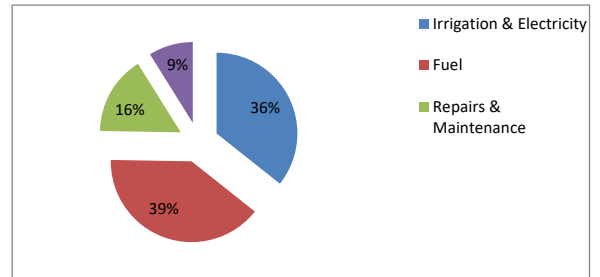
NOTES:

Interest Rate 9,75%
 Growing period of Crop (Months) 12

SENSITIVITY ANALYSIS

YIELD (tons/ha)	PRICE (R/ton)				
	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
YIELD CHANGE AT 10% INCREMENTS	R 3 420,00	R 3 610,00	R 3 800,00	R 3 990,00	R 4 180,00
17,28	R 50 519	R 53 802	R 57 085	R 60 368	R 63 651
19,44	R 57 906	R 61 599	R 65 293	R 68 987	R 72 680
21,60	R 65 293	R 69 397	R 73 501	R 77 605	R 81 709
23,76	R 72 680	R 77 195	R 81 709	R 86 223	R 90 738
25,92	R 80 067	R 84 992	R 89 917	R 94 842	R 99 767
BREAKEVEN YIELD (KG/Ha)	2,51	2,38	2,26	2,15	2,05

Costs Of Production	R/Ha
Irrigation & Electricity	3 060,00
Fuel	3 397,21
Repairs & Maintenance	1 359,63
Interest	762,14

**Disclaimer**

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