

ENTERPRISE BUDGET

Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne (Irrigated)- Yr 3	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	23 February 2021	Latest update	03 October 2022
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			24,00	72 960,00	3 040,00
Product Income					
Lucerne -Sales (80%)	Ton	3 800,00	19,20	72 960,00	15 200,00
Lucerne - Feed (20%)	Ton	0,00	4,80	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		72 960,00	3 040,00
TOTAL ALLOCATABLE VARIABLE COSTS				7 816,84	325,70
DIRECTLY ALLOCATABLE VARIABLE COSTS				3 060,00	127,50
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 060,00	127,50
Electricity cost		170,00	18,00	3 060,00	127,50
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				69 900,00	2 912,50
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 756,84	198,20
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	141,55
Repairs & Maintenance				1 359,63	56,65
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				65 143,16	2 714,30
Interest on Working Capital				762,14	31,76
MARGIN ABOVE SPECIFIED COSTS				64 381,02	2 682,54

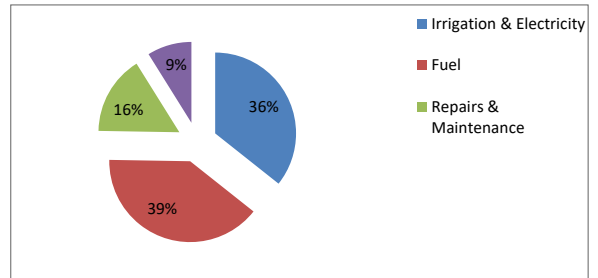
NOTES:

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
15,36	R 43 952	R 46 871	R 49 789	R 52 707	R 55 626
17,28	R 50 519	R 53 802	R 57 085	R 60 368	R 63 651
19,20	R 57 085	R 60 733	R 64 381	R 68 029	R 71 677
21,12	R 63 651	R 67 664	R 71 677	R 75 690	R 79 703
23,04	R 70 218	R 74 595	R 78 973	R 83 351	R 87 728
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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