

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	15 November 2025
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay/Clay-Loam		

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

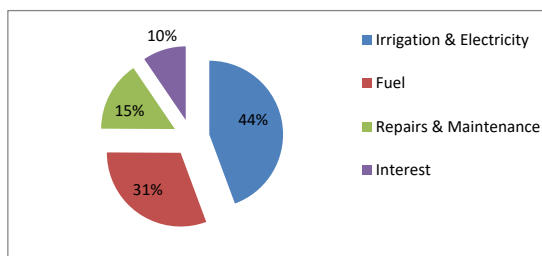
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			24,00	76 800,00	3 200,00
Product Income					
Lucerne -Sales (80%)	Ton	4 000,00	19,20	76 800,00	3 200,00
Lucerne - Feed (20%)	Ton	0,00	4,80	0,00	0,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		76 800,00	3 200,00
TOTAL ALLOCATABLE VARIABLE COSTS				7 980,10	332,50
DIRECTLY ALLOCATABLE VARIABLE COSTS				3 910,92	162,96
A) PRE-HARVEST COST					
IRRIGATION &ELECTRICITY				3 910,92	162,96
Electricity ¹	kWh	2,99	1 308,00	3 910,92	162,96
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				72 889,08	3 037,05
INDIRECTLY ALLOCATABLE VARIABLE COSTS				4 069,18	169,55
B) PRE-HARVEST COST					
Fuel	L	17,33		0,00	0,00
Repairs & Maintenance				0,00	0,00
C) HARVEST COSTS					
Fuel	L	17,33		2 709,55	112,90
Repairs & Maintenance				1 359,63	56,65
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				68 819,90	2 867,50
Interest on Working Capital				837,91	34,91
MARGIN ABOVE SPECIFIED COSTS				67 981,99	2 832,58

NOTES:

Interest Rate 10,50%
 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 3 600,00	R 3 800,00	R 4 000,00	R 4 200,00	R 4 400,00
15,36	R 46 478	R 49 550	R 52 622	R 55 694	R 58 766
17,28	R 53 390	R 56 846	R 60 302	R 63 758	R 67 214
19,20	R 60 302	R 64 142	R 67 982	R 71 822	R 75 662
21,12	R 67 214	R 71 438	R 75 662	R 79 886	R 84 110
23,04	R 74 126	R 78 734	R 83 342	R 87 950	R 92 558
BREAKEVEN YIELD (Ton/Ha)	2,45	2,32	2,20	2,10	2,00

Costs Of Production	R/Ha
Irrigation & Electricity	3 910,92
Fuel	2 709,55
Repairs & Maintenance	1 359,63
Interest	837,91

**Disclaimer**

The enterprise budgets developed by the Western Cape Department of Agriculture are done to reflect accuracy and relevance of information. However, as each enterprise budget contains data from various sources its correctness cannot be guaranteed. Therefore, any person using this information will be doing so at own risk as the said organisation or other party will under no circumstances be responsible for any loss suffered by any person/ organisation using the information contained in this document.