

ENTERPRISE BUDGET					
Classification	Pasture	Province	Western Cape		
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 2	District	West Coast/Cape Winelands		
Land Size	1 Hectare	Area	Swartland/Drakenstein		
Date Developed	14 June 2021	Date Updated	23 November 2024		
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			12,00	36 000,00	3 000,00
Product Income					
Lucerne hay	Ton	3 000,00	12,00	36 000,00	3 000,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		36 000,00	3 000,00
TOTAL ALLOCATABLE VARIABLE COSTS				17 643,27	1 470,27
DIRECTLY ALLOCATABLE VARIABLE COSTS				8 175,36	681,28
A) PRE-HARVEST COST					
FERTILISER				4 101,71	341,81
MAP (35)	Kg	45,57	90,00	4 101,71	341,81
HERBICIDES				157,35	13,11
Glyphosate	L	157,35	1,00	157,35	13,11
PESTICIDES/INSECTICIDES				101,66	8,47
Biomectin	L	101,66	1,00	101,66	8,47
IRRIGATION &ELECTRICITY				3 064,64	255,39
Electricity¹	kWh	2,34	1 308,00	3 064,64	255,39
B)HARVEST COSTS					
PACKAGING MATERIAL				750,00	62,50
Twine Rope (1kg)	Each	250,00	3,00	750,00	62,50
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				27 824,64	2 318,72
INDIRECTLY ALLOCATABLE VARIABLE COSTS				9 467,91	788,99
C) PRE-HARVEST COST					
Fuel	L	19,99		364,54	30,38
Repairs & Maintenance				224,99	18,75
D) HARVEST COSTS					
Fuel	L	19,99		5 470,58	455,88
Repairs & Maintenance				3 407,81	283,98
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				18 356,73	1 529,73
Interest on Working Capital				1 984,87	165,41
MARGIN ABOVE SPECIFIED COSTS				16 371,86	0,00

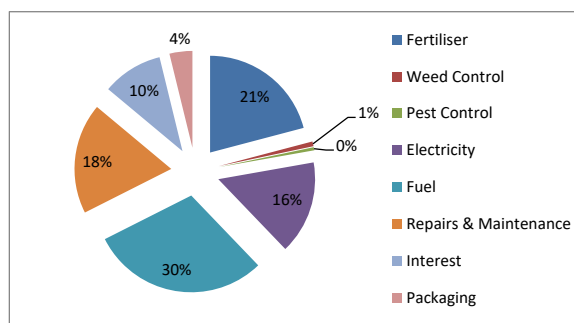
NOTES:

Interest Rate 11,25%
 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 2 700,00	R 2 850,00	R 3 000,00	R 3 150,00	R 3 300,00
9,60	R 6 292	R 7 732	R 9 172	R 10 612	R 12 052
10,80	R 9 532	R 11 152	R 12 772	R 14 392	R 16 012
12,00	R 12 772	R 14 572	R 16 372	R 18 172	R 19 972
13,20	R 16 012	R 17 992	R 19 972	R 21 952	R 23 932
14,40	R 19 252	R 21 412	R 23 572	R 25 732	R 27 892
BREAKEVEN YIELD (Ton/Ha)	7,27	6,89	6,54	6,23	5,95

Costs Of Production	R/Ha
Fertiliser	4 101,71
Weed Control	157,35
Pest Control	101,66
Electricity	3 064,64
Fuel	5 835,12
Repairs & Maintenance	3 632,79
Interest	1 984,87
Packaging	750,00

**Disclaimer**

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