

ENTERPRISE BUDGET			
Classification	Pasture	Province	Western Cape
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 5+	District	West Coast/Cape Winelands
Land Size	1 Hectare	Area	Swartland/Drakenstein
Date Developed	15 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.

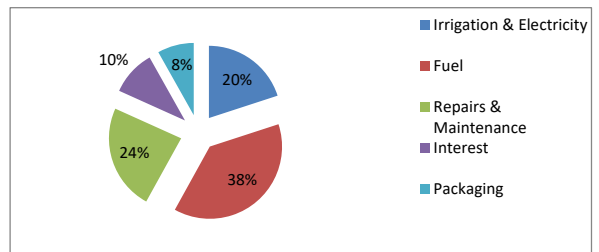
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			24,00	72 000,00	3 000,00
Product Income					
Lucerne hay	Ton	3 000,00	24,00	72 000,00	3 000,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		72 000,00	3 000,00
TOTAL ALLOCATABLE VARIABLE COSTS				14 032,56	584,69
DIRECTLY ALLOCATABLE VARIABLE COSTS				4 564,64	190,19
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 064,64	127,69
Electricity ¹	kWh	2,34	1 308,00	3 064,64	127,69
B) HARVEST COSTS					
PACKAGING MATERIAL				1 500,00	62,50
Twine Rope (1kg)	Each	250,00	6,00	1 500,00	62,50
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				67 435,36	2 809,81
INDIRECTLY ALLOCATABLE VARIABLE COSTS				9 467,91	394,50
C) PRE-HARVEST COSTS					
Fuel	L	19,99		364,54	15,19
Repairs & Maintenance				224,99	9,37
D) HARVEST COSTS					
Fuel	L	19,99		5 470,58	227,94
Repairs & Maintenance				3 407,81	141,99
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				57 967,44	2 415,31
Interest on Working Capital				1 578,66	65,78
MARGIN ABOVE SPECIFIED COSTS				56 388,78	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
19,20	R 36 229	R 39 109	R 41 989	R 44 869	R 47 749
21,60	R 42 709	R 45 949	R 49 189	R 52 429	R 55 669
24,00	R 49 189	R 52 789	R 56 389	R 59 989	R 63 589
26,40	R 55 669	R 59 629	R 63 589	R 67 549	R 71 509
28,80	R 62 149	R 66 469	R 70 789	R 75 109	R 79 429
BREAKEVEN YIELD (Ton/Ha)	5,78	5,48	5,20	4,96	4,73

Costs Of Production	R/Ha
Irrigation & Electricity	3 064,64
Fuel	5 835,12
Repairs & Maintenance	3 632,79
Interest	1 578,66
Packaging	1 500,00

**Disclaimer**

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