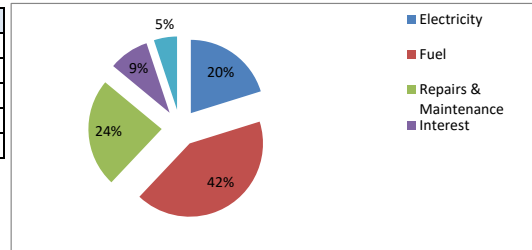


ENTERPRISE BUDGET					
Classification	Pasture	Province	Western Cape		
Enterprise Budget Name	Lucerne Hay (Irrigated)- Yr 3	District	West Coast/Cape Winelands		
Land Size	1 Hectare	Area	Swartland/Drakenstein		
Date Developed	14 June 2021	Date updated	04 October 2022		
Developer	Sinovuyo Magqibelo	Updater	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			16,00	43 200,00	2 700,00
Product Income					
Lucerne hay	Ton	2 700,00	16,00	43 200,00	2 700,00
MARKETING COSTS		0,00		0,00	0,00
GROSS INCOME minus MARKETING COSTS		0,00		43 200,00	2 700,00
TOTAL ALLOCATABLE VARIABLE COSTS				13 811,14	863,20
DIRECTLY ALLOCATABLE VARIABLE COSTS				3 835,05	239,69
A) PRE-HARVEST COST					
IRRIGATION & ELECTRICITY				3 060,00	191,25
Electricity cost		170,00	18,00	3 060,00	191,25
B) HARVEST COSTS					
PACKAGING MATERIAL				775,05	48,44
Twine Rope(1kg)	Each	258,35	3,00	775,05	48,44
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				39 364,95	2 460,31
INDIRECTLY ALLOCATABLE VARIABLE COSTS				9 976,09	623,51
C) PRE-HARVEST COSTS					
Fuel	L	21,73		396,29	24,77
Repairs & Maintenance				224,99	14,06
D) HARVEST COSTS					
Fuel	L	21,73		5 947,00	371,69
Repairs & Maintenance				3 407,81	212,99
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				29 388,86	1 836,80
Interest on Working Capital				1 346,59	84,16
MARGIN ABOVE SPECIFIED COSTS				28 042,28	0,00

NOTES:	
Interest Rate	9,75%
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 2 430,00	R 2 565,00	R 2 700,00	R 2 835,00	R 2 970,00
12,80	R 15 946	R 17 674	R 19 402	R 21 130	R 22 858
14,40	R 19 834	R 21 778	R 23 722	R 25 666	R 27 610
16,00	R 23 722	R 25 882	R 28 042	R 30 202	R 32 362
17,60	R 27 610	R 29 986	R 32 362	R 34 738	R 37 114
19,20	R 31 498	R 34 090	R 36 682	R 39 274	R 41 866
BREAKEVEN YIELD (KG/Ha)	6,24	5,91	5,61	5,35	5,10

Costs Of Production	R/Ha
Electricity	3 060,00
Fuel	6 343,29
Repairs & Maintenance	3 632,79
Interest	1 346,59
Packaging	775,05



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.