

**ENTERPRISE BUDGET**

<b>Classification</b>	Pasture	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Lucerne Hay (Irrigated)- Yr 2	<b>District</b>	West Coast/Cape Winelands
<b>Land Size</b>	1 Hectare	<b>Area</b>	Swartland/Drakenstein
<b>Date Developed</b>	14 June 2021	<b>Date Updated</b>	04 October 2022
<b>Developer</b>	Sinovuyo Magqibelo	<b>Updater</b>	Sinovuyo Magqibelo
<b>Soil Type</b>	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
<b>GROSS INCOME</b>			<b>12,00</b>	<b>32 400,00</b>	<b>2 700,00</b>
<b>Product Income</b>					
Lucerne hay	Ton	2 700,00	12,00	32 400,00	2 700,00
<b>MARKETING COSTS</b>		0,00		0,00	0,00
<b>GROSS INCOME minus MARKETING COSTS</b>		0,00		<b>32 400,00</b>	<b>2 700,00</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>15 930,41</b>	<b>1 327,53</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>5 954,33</b>	<b>496,19</b>
<b>A) PRE-HARVEST COST</b>					
<b>FERTILISER</b>				<b>1 785,89</b>	<b>148,82</b>
MAP (35)	Kg	19,84	90,00	1 785,89	148,82
<b>HERBICIDES</b>				<b>190,92</b>	<b>15,91</b>
Glyphosate	L	190,92	1,00	190,92	15,91
<b>PESTICIDES/INSECTICIDES</b>				<b>142,46</b>	<b>11,87</b>
Biomectin	L	142,46	1,00	142,46	11,87
<b>IRRIGATION &amp; ELECTRICITY</b>				<b>3 060,00</b>	<b>255,00</b>
Electricity cost		170,00	18,00	3 060,00	255,00
<b>B) HARVEST COSTS</b>					
<b>PACKAGING MATERIAL</b>				<b>775,05</b>	<b>64,59</b>
Twine Rope(1kg)	Each	258,35	3,00	775,05	64,59
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>26 445,67</b>	<b>2 203,81</b>
<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>9 976,09</b>	<b>831,34</b>
<b>C) PRE-HARVEST COST</b>					
Fuel	L	21,73		396,29	33,02
Repairs & Maintenance				224,99	18,75
<b>D) HARVEST COSTS</b>					
Fuel	L	21,73		5 947,00	495,58
Repairs & Maintenance				3 407,81	283,98
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>16 469,59</b>	<b>1 372,47</b>
Interest on Working Capital				1 553,22	129,43
<b>MARGIN ABOVE SPECIFIED COSTS</b>				<b>14 916,37</b>	<b>0,00</b>

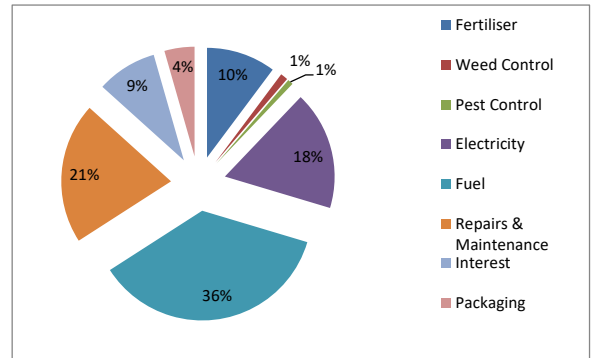
**NOTES:**

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%
	<b>R 2 430,00</b>	<b>R 2 565,00</b>	<b>R 2 700,00</b>	<b>R 2 835,00</b>	<b>R 2 970,00</b>
9,60	R 5 844	R 7 140	R 8 436	R 9 732	R 11 028
10,80	R 8 760	R 10 218	R 11 676	R 13 134	R 14 592
<b>12,00</b>	R 11 676	R 13 296	R 14 916	R 16 536	R 18 156
13,20	R 14 592	R 16 374	R 18 156	R 19 938	R 21 720
14,40	R 17 508	R 19 452	R 21 396	R 23 340	R 25 284
<b>BREAKEVEN YIELD (KG/Ha)</b>	<b>7,19</b>	<b>6,82</b>	<b>6,48</b>	<b>6,17</b>	<b>5,89</b>

Costs Of Production	R/Ha
Fertiliser	1 785,89
Weed Control	190,92
Pest Control	142,46
Electricity	3 060,00
Fuel	6 343,29
Repairs & Maintenance	3 632,79
Interest	1 553,22
Packaging	775,05

**Disclaimer**

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