

**ENTERPRISE BUDGET**

<b>Classification</b>	Pasture	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Lucerne (Irrigated)- Yr 4	<b>District</b>	West Coast/Cape Winelands
<b>Land Size</b>	1 Hectare	<b>Area</b>	Swartland/Drakenstein
<b>Date Developed</b>	02 March 2021	<b>Latest update</b>	15 November 2023
<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.

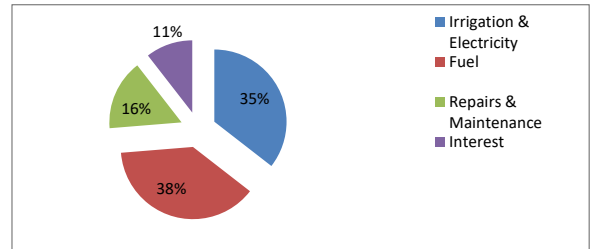
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
<b>GROSS INCOME</b>			<b>27,00</b>	<b>108 000,00</b>	<b>4 000,00</b>
<b>Product Income</b>					
Lucerne -Sales (80%)	Ton	5 000,00	21,60	108 000,00	20 000,00
Lucerne - Feed (20%)	Ton	0,00	5,40	0,00	0,00
<b>MARKETING COSTS</b>		0,00		0,00	0,00
<b>GROSS INCOME minus MARKETING COSTS</b>		0,00		<b>108 000,00</b>	<b>4 000,00</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>7 711,59</b>	<b>285,61</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>3 060,00</b>	<b>113,33</b>
<b>A) PRE-HARVEST COST</b>					
<b>IRRIGATION &amp;ELECTRICITY</b>				<b>3 060,00</b>	<b>113,33</b>
Electricity cost		170,00	18,00	3 060,00	113,33
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>104 940,00</b>	<b>3 886,67</b>
<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>4 651,59</b>	<b>172,28</b>
<b>B) PRE-HARVEST COST</b>					
Fuel	L	21,06		0,00	0,00
Repairs & Maintenance				0,00	0,00
<b>C) HARVEST COSTS</b>					
Fuel	L	21,06		3 291,96	121,92
Repairs & Maintenance				1 359,63	50,36
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>100 288,41</b>	<b>3 714,39</b>
Interest on Working Capital				906,11	33,56
<b>MARGIN ABOVE SPECIFIED COSTS</b>				<b>99 382,30</b>	<b>3 680,83</b>

**NOTES:**

Interest Rate	11,75%
Growing period of Crop (Months)	12

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (Tons/ha)</b>	<b>PRICE (R/Ton)</b>				
<b>YIELD CHANGE AT 10% INCREMENTS</b>	<b>LESS 10%</b>	<b>LESS 5%</b>	<b>ACTUAL</b>	<b>ADD 5%</b>	<b>ADD 10%</b>
	<b>R 4 500,00</b>	<b>R 4 750,00</b>	<b>R 5 000,00</b>	<b>R 5 250,00</b>	<b>R 5 500,00</b>
<b>17,28</b>	R 69 142	R 73 462	R 77 782	R 82 102	R 86 422
<b>19,44</b>	R 78 862	R 83 722	R 88 582	R 93 442	R 98 302
<b>21,60</b>	R 88 582	R 93 982	R 99 382	R 104 782	R 110 182
<b>23,76</b>	R 98 302	R 104 242	R 110 182	R 116 122	R 122 062
<b>25,92</b>	R 108 022	R 114 502	R 120 982	R 127 462	R 133 942
<b>BREAKEVEN YIELD (Ton/Ha)</b>	<b>1,92</b>	<b>1,81</b>	<b>1,72</b>	<b>1,64</b>	<b>1,57</b>

<b>Costs Of Production</b>	<b>R/Ha</b>
Irrigation & Electricity	3 060,00
Fuel	3 291,96
Repairs & Maintenance	1 359,63
Interest	906,11

**Disclaimer**

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