

<b>ENTERPRISE BUDGET</b>			
<b>Classification</b>	Vegetables	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Herbs (Sweet Basil)	<b>District</b>	Western Cape
<b>Tunnel Size (m<sup>2</sup>)</b>	300	<b>Area</b>	Western Cape
<b>Date Developed</b>	27 March 2017	<b>Date updated</b>	18 September 2023
<b>Developer</b>	Mzwanele Lingani	<b>Updater</b>	O'Brien Perel
<b>Growing medium</b>	Cocopeat		

Use this enterprise budget as an aid in the planning process.

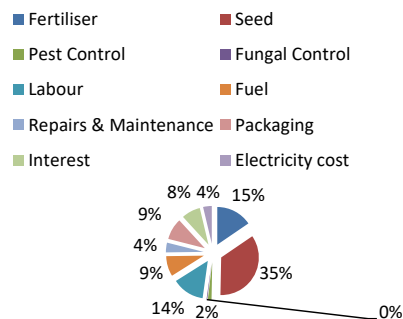
<b>Description</b>	<b>Unit</b>	<b>Price Per Unit</b>	<b>Quantity</b>	<b>300 m<sup>2</sup></b>	<b>Value Per Yield Unit</b>
<b>GROSS INCOME</b>			<b>2,05</b>	<b>231 434,46</b>	<b>113 115,57</b>
<b>Product Income</b>					
Sweet Basil	Ton	113115,57	2,05	231 434,46	113 115,57
<b>MARKETING COSTS</b>	12,5%			28 929,31	14 139,45
<b>GROSS INCOME minus MARKETING COSTS</b>				<b>202 505,15</b>	<b>98 976,12</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>151 850,09</b>	<b>74 218,03</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>130 537,11</b>	<b>63 801,13</b>
<b>A) PRE-HARVEST COSTS</b>					
<b>PLANTING MATERIAL</b>				<b>57 557,39</b>	<b>28 131,66</b>
Sweet Basil	Kg	602,60	0,10	60,26	29,45
Cocopeat (Growing medium)	Kg	46,00	1 250,00	57 497,13	28 102,21
<b>FERTILISER</b>				<b>25 564,82</b>	<b>12 495,03</b>
Potassium Nitrate	Ton	29 665,86	0,30	8 899,76	4 349,83
Calcium Nitrate	Ton	15 831,36	0,40	6 332,54	3 095,09
Magnesium Sulphate	Ton	11 750,70	0,35	4 112,75	2 010,14
Mono Potassium Phosphate	Ton	49 758,20	0,13	6 219,78	3 039,97
<b>INSECTICIDES/PESTICIDES</b>				<b>2 618,73</b>	<b>1 279,93</b>
Mineral Oil 857g/l (Cipron)	L	112,84	2,00	225,68	110,30
Bacillus thuringiensis	Kg	806,20	0,30	241,86	118,21
Adjuvant	L	114,30	4,00	457,19	223,46
Methomyl	L	160,01	0,80	128,01	62,57
Flubendiamide	L	4 205,69	0,30	1 261,71	616,67
Abamectin	L	152,15	2,00	304,29	148,72
<b>FUNGICIDES</b>				<b>518,17</b>	<b>253,26</b>
Captab	Kg	259,08	2,00	518,17	253,26
<b>CASUAL LABOUR</b>				<b>711,76</b>	<b>347,88</b>
Casual Labour Planting/Hour	R/Manhour	25,42	28,00	711,76	347,88
<b>OTHER COSTS</b>				<b>6 150,00</b>	<b>3 005,87</b>
Electricity	R	6 150,00	1,00	6 150,00	3 005,87
<b>B) HARVEST COSTS</b>					
<b>CASUAL LABOUR</b>				<b>22 166,24</b>	<b>10 833,94</b>
Casual Labour Harvesting/Hour	R/Manhour	25,42	656,00	16 675,52	8 150,30
Casual Labour Packaging/Hour	R/Manhour	25,42	216,00	5 490,72	2 683,64
<b>PACKAGING MATERIAL</b>				<b>15 250,00</b>	<b>7 453,57</b>
Plastic bags (5Kg)	5000 Bags	1,30	5 000,00	6 500,00	3 176,93
Labeling	5000 Labels	1,75	5 000,00	8 750,00	4 276,64
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>71 968,04</b>	<b>35 175,00</b>

<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>			<b>21 312,98</b>	<b>10 416,90</b>
<b>C) PRE-HARVEST COST</b>			<b>0,00</b>	<b>0,00</b>
Fuel	L	21,03	0,00	0,00
Repairs & Maintenance			0,00	0,00
<b>D) HARVEST COSTS</b>			<b>21 312,98</b>	<b>10 416,90</b>
Fuel	L	21,03	14 419,18	7 047,50
Repairs & Maintenance			6 893,80	3 369,40
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>			<b>50 655,06</b>	<b>24 758,09</b>
Interest on Working Capital			13 381,79	6 540,46
<b>MARGIN ABOVE SPECIFIED COSTS</b>			<b>37 273,27</b>	<b>18 217,63</b>

<b>NOTES:</b>		
Interest Rate		11,75%
Growing period of crop (Months)		9

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (Ton/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 101 804</b>	<b>R 107 460</b>	<b>R 113 116</b>	<b>R 118 771</b>	<b>R 124 427</b>
<b>2</b>	-R 27 528	-R 18 271	-R 9 014	R 244	R 9 501
<b>2</b>	-R 6 699	R 3 715	R 14 130	R 24 544	R 34 959
<b>2</b>	R 14 130	R 25 702	R 37 273	R 48 845	R 60 417
<b>2</b>	R 34 959	R 47 688	R 60 417	R 73 146	R 85 875
<b>2</b>	R 55 788	R 69 674	R 83 560	R 97 446	R 111 332
<b>BREAKEVEN YIELD (Ton/ha)</b>	<b>1,91</b>	<b>1,81</b>	<b>1,72</b>	<b>1,63</b>	<b>1,56</b>

<b>Costs Of Production</b>	<b>R/Ha</b>
Fertiliser	25 564,82
Seed	57 557,39
Pest Control	2 618,73
Fungal Control	518,17
Labour	22 878,00
Fuel	14 419,18
Repairs & Maintenance	6 893,80
Packaging	15 250,00
Interest	13 381,79
Electricity cost	6 150,00



**Disclaimer**

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