

ENTERPRISE BUDGET			
Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Herbs (Mint)	District	Western Cape
Tunnel Size (m²)	300	Area	Western Cape
Date Developed	Monday, 27 March 2017	Latest update	Wednesday, 21 August 2019
Growing medium	Cocopeat	Budget ID	MzwaneleL

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

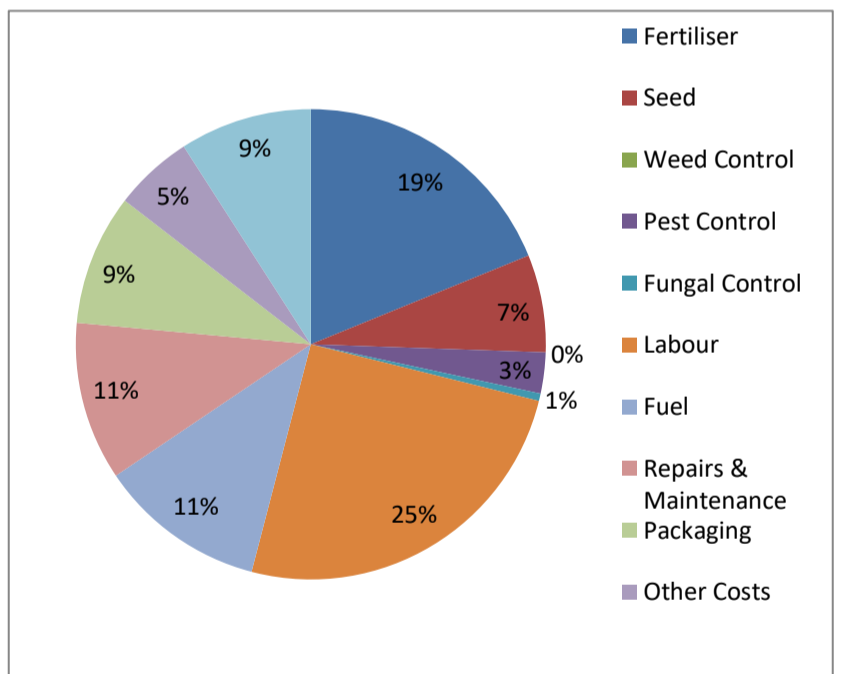
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			2 883,00	172 980,00	60,00
Product Income					
Mint	Kg	60,00	2 883,00	172 980,00	60,00
MARKETING COSTS					
		12,5%		21 622,50	7,50
GROSS INCOME minus MARKETING COSTS				151 357,50	52,50
TOTAL ALLOCATABLE VARIABLE COSTS				58 479,06	20,28
DIRECTLY ALLOCATABLE VARIABLE COSTS				44 069,47	15,29
A) PRE-HARVEST COSTS					
PLANTING MATERIAL					
Mint	Kg	0,00	0,10	0,00	0,00
Cocopeat (Growing medium)	KG	3,45	1 250,00	4 312,50	1,50
FERTILISER					
Potassium Nitrate	Ton	15 751,32	0,30	4 725,40	1,64
Calcium Nitrate	Ton	7 802,06	0,40	3 120,82	1,08
Magnesium Sulphate	Ton	4 186,92	0,35	1 465,42	0,51
Mono Potassium Phosphate	Ton	22 467,78	0,13	2 808,47	0,97
INSECTICIDES/PESTICIDES					
Mineral Oil 880g/l (Cipron)	L	20,11	2,00	40,23	0,01
Bacillus thuringiensis	Kg	1 092,80	0,30	327,84	0,11
Adjuvant	L	88,01	4,00	352,04	0,12
Methomyl	L	88,01	0,80	70,41	0,02
Flubendiamide	L	2 588,68	0,30	776,61	0,27
Abamectin	L	123,17	2,00	246,33	0,09
FUNGICIDES					
Captab	Kg	164,29	2,00	328,58	0,11
CASUAL LABOUR					
Casual Labour Planting/H	Manhour	18,00	28,00	504,00	0,17
OTHER COSTS					
Electricity	R	3 500,00	1,00	3 500,00	1,21
B) HARVEST COSTS					
CASUAL LABOUR					
Casual Labour Harvesting/H	Manhour	18,00	656,00	11 808,00	4,10
Casual Labour Packaging/H	Manhour	18,00	216,00	3 888,00	1,35
PACKAGING MATERIAL					
Plastic bags (5Kg)	Bag	0,05	576,60	28,83	0,01
Labeling	Label	10,00	576,60	5 766,00	2,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				107 288,03	37,21

INDIRECTLY ALLOCATABLE VARIABLE COSTS			14 409,59	5,00
C) PRE-HARVEST COST				
Fuel	L	13,83	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS				
Fuel	L	13,83	7 402,24	2,57
Repairs & Maintenance			7 007,35	2,43
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			92 878,44	32,22
Interest on Working Capital			5 847,91	2,03
MARGIN ABOVE SPECIFIED COSTS			87 030,54	30,19

NOTES:		
Interest Rate		10,00%
Growing period of Crop		12

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 54	R 57	R 60	R 63	R 66
2 306	R 38 596	R 45 515	R 52 435	R 59 354	R 66 273
2 595	R 54 164	R 61 948	R 69 733	R 77 517	R 85 301
2 883	R 69 733	R 78 382	R 87 031	R 95 680	R 104 329
3 171	R 85 301	R 94 815	R 104 329	R 113 842	R 123 356
3 460	R 100 869	R 111 248	R 121 627	R 132 005	R 142 384
BREAKEVEN YIELD (Kg/ha)	1 591,66	1 507,89	1 432,49	1 364,28	1 302,26

Costs Of Production	R/Ha
Fertiliser	12 120,11
Seed	4 312,50
Weed Control	0,00
Pest Control	1 813,45
Fungal Control	328,58
Labour	16 200,00
Fuel	7 402,24
Repairs & Maintenance	7 007,35
Packaging	5 794,83
Other Costs	3 500,00
Interest	5 847,91



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