

ENTERPRISE BUDGET			
Classification	Vegetables	Province	Western Cape
Enterprise Budget Name	Onions	District	Cape Winelands
Land Size	1 Hectare	Area	Witzenberg
Date Developed	31 March 2014	Latest Update	30 August 2023
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-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			60,45	562 353,66	9 302,79
Product Income					
Onion Market	Ton	9 302,79	60,45	562 353,66	9 302,79
MARKETING COSTS Market	12,5%			70 294,21	1 162,85
GROSS INCOME minus MARKETING COSTS				492 059,45	8 139,94
TOTAL ALLOCATABLE VARIABLE COSTS				80 305,18	1 328,46
DIRECTLY ALLOCATABLE VARIABLE COSTS				71 916,39	1 189,68
A) PRE-HARVEST COST					
PLANTING MATERIAL				3 703,00	61,26
Onion	kg	925,75	4,00	3 703,00	61,26
FERTILISER				19 695,45	325,81
Single super phosphate 10.5%	Ton	12 854,70	0,30	3 856,41	63,80
Lime Ammonium Nitrate (28)	Ton	14 822,58	0,23	3 409,19	56,40
3:1:5 (38)	Ton	22 545,52	0,35	7 890,93	130,54
Urea HB Granular 46%	Ton	12 968,32	0,35	4 538,91	75,09
HERBICIDES				1 509,34	24,97
Glyphosate	Kg	175,38	4,00	701,50	11,60
Oxyfluorfen	L	373,38	1,20	448,06	7,41
Poly-1-p-Menthene	L	428,31	0,84	359,78	5,95
PESTICIDES/INSECTICIDES				5 218,00	86,32
Deltamethrin 25 EC	L	175,26	0,06	10,52	0,17
Methomyl	L	160,01	0,40	64,00	1,06
Fenamiphos	L	563,88	7,50	4 229,10	69,96
Lamda-cyhalothrin	L	152,40	6,00	914,39	15,13
FUNGICIDES				1 587,98	26,27
Benomyl	Kg	365,76	0,50	182,88	3,03
Tebuconazole 250 EW	L	713,22	1,50	1 069,83	17,70
Copper oxychloride	Kg	167,64	2,00	335,27	5,55
CASUAL LABOUR				16 167,12	267,45
Casual Labour Soil Prep/Hour	R/Manhour	25,42	36,00	915,12	15,14
Casual Labour Planting/Hour	R/Manhour	25,42	540,00	13 726,80	227,08
Casual Labour Irrigation/Hour	R/Manhour	25,42	60,00	1 525,20	25,23
B) HARVEST COSTS				24 021,90	397,38
Casual Labour Harvesting/Hour	R/Manhour	25,42	360,00	9 151,20	151,38
Casual Labour Packaging/Hour	R/Manhour	25,42	585,00	14 870,70	246,00
PACKAGING MATERIAL				13,60	0,23
Carry Bag (10kg)	Each	2,25	6,05	13,60	0,23
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				420 143,06	6 950,26

INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 388,79	138,77
C) PRE-HARVEST COST				
Fuel	L	21,03	1 937,36	32,05
Repairs & Maintenance			1 398,97	23,14
D) HARVEST COSTS				
Fuel	L	21,03	2 936,84	48,58
Repairs & Maintenance			2 115,63	35,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			411 754,27	6 811,49
Interest on Working Capital			4 717,93	78,05
MARGIN ABOVE SPECIFIED COSTS			407 036,34	6 733,44

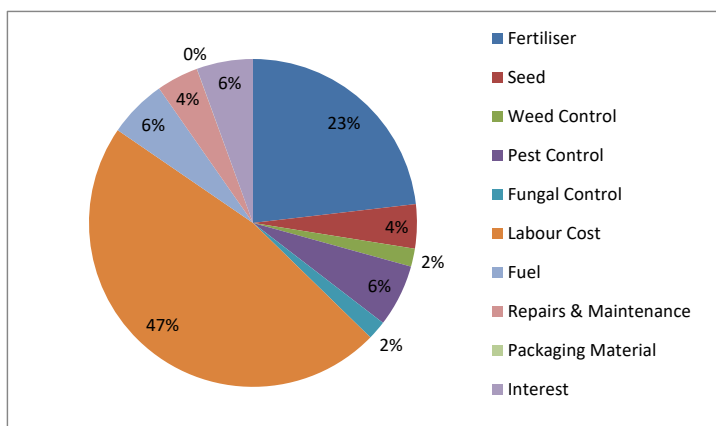
NOTES:

Interest Rate	11,75%
Growing period of Crop (Months)	6

SENSITIVITY ANALYSIS

YIELD (Ton/ha)	PRICE (R/Ton)				
	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
YIELD CHANGE AT 10% INCREMENTS	R 8 373	R 8 838	R 9 303	R 9 768	R 10 233
48,36	R 249 577	R 272 071	R 294 566	R 317 060	R 339 554
54,41	R 300 189	R 325 495	R 350 801	R 376 107	R 401 413
60,45	R 350 801	R 378 919	R 407 036	R 435 154	R 463 272
66,50	R 401 413	R 432 342	R 463 272	R 494 201	R 525 131
72,54	R 452 025	R 485 766	R 519 507	R 553 248	R 586 990
BREAKEVEN YIELD (Ton/ha)	18,55	17,57	16,70	15,90	15,18

Costs Of Production	R/Ha
Fertiliser	19 695,45
Seed	3 703,00
Weed Control	1 509,34
Pest Control	5 218,00
Fungal Control	1 587,98
Labour Cost	40 189,02
Fuel	4 874,19
Repairs & Maintenance	3 514,60
Packaging Material	13,60
Interest	4 717,93



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