



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	Date Updated	27 August 2024		
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	487 582,45	8 065,88
Product Income					
Onion Market	Ton	8 065,88	60,45	487 582,45	8 065,88
MARKETING COSTS Market	12,5%			60 947,81	1 008,24
GROSS INCOME minus MARKETING COSTS				426 634,64	7 057,65
TOTAL ALLOCATABLE VARIABLE COSTS				79 563,81	1 316,19
DIRECTLY ALLOCATABLE VARIABLE COSTS				71 338,54	1 180,12
A) PRE-HARVEST COST					
PLANTING MATERIAL				3 450,00	57,07
Onion	Kg	862,50	4,00	3 450,00	57,07
FERTILISER				15 498,93	256,39
Single super phosphate 10.5%	Ton	12 146,53	0,30	3 643,96	60,28
Lime Ammonium Nitrate (28)	Ton	9 972,98	0,23	2 293,78	37,95
3:1:5 (38)	Ton	13 895,45	0,35	4 863,41	80,45
Urea HB Granular 46%	Ton	13 422,21	0,35	4 697,77	77,71
HERBICIDES				1 478,90	24,46
Glyphosate	Kg	147,63	4,00	590,54	9,77
Oxyfluorfen	L	388,51	1,20	466,22	7,71
Poly-1-p-Menthene	L	502,55	0,84	422,14	6,98
PESTICIDES/INSECTICIDES				5 634,13	93,20
Deltamethrin 25 EC	L	190,29	0,06	11,42	0,19
Methomyl	L	230,91	0,40	92,36	1,53
Fenamiphos	L	610,52	7,50	4 578,91	75,75
Lamda-cyhalothrin	L	158,57	6,00	951,44	15,74
FUNGICIDES				1 654,34	27,37
Benomyl	Kg	324,24	0,50	162,12	2,68
Tebuconazole 250 EW	L	611,60	1,50	917,41	15,18
Copper oxychloride	Kg	287,41	2,00	574,82	9,51
CASUAL LABOUR				17 540,88	290,17
Casual Labour Soil Prep/Hour	R/Manhour	27,58	36,00	992,88	16,42
Casual Labour Planting/Hour	R/Manhour	27,58	540,00	14 893,20	246,37
Casual Labour Irrigation/Hour	R/Manhour	27,58	60,00	1 654,80	27,37
B) HARVEST COSTS				26 063,10	431,15
Casual Labour Harvesting/Hour	R/Manhour	27,58	360,00	9 928,80	164,25
Casual Labour Packaging/Hour	R/Manhour	27,58	585,00	16 134,30	266,90
PACKAGING MATERIAL				18,26	0,30
Carry Bag (10kg)	Each	3,02	6,05	18,26	0,30
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				355 296,11	5 877,52

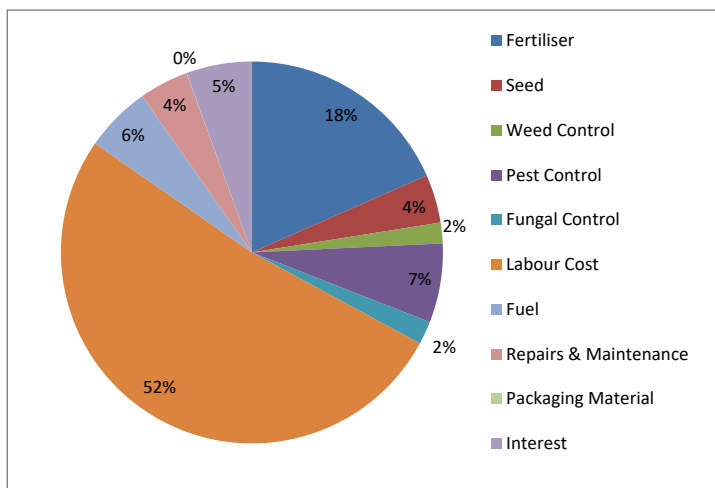
INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 225,27	136,07
C) PRE-HARVEST COST				
Fuel	L	20,33	1 872,19	30,97
Repairs & Maintenance			1 398,97	23,14
D) HARVEST COSTS				
Fuel	L	20,33	2 838,48	46,96
Repairs & Maintenance			2 115,63	35,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			347 070,83	5 741,45
Interest on Working Capital			4 674,37	77,33
MARGIN ABOVE SPECIFIED COSTS			342 396,46	5 664,13

NOTES:

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

SENSITIVITY ANALYSIS					
YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 7 259	R 7 663	R 8 066	R 8 469	R 8 872
48,36	R 205 873	R 225 377	R 244 880	R 264 383	R 283 887
54,41	R 249 756	R 271 697	R 293 638	R 315 579	R 337 521
60,45	R 293 638	R 318 017	R 342 396	R 366 776	R 391 155
66,50	R 337 521	R 364 338	R 391 155	R 417 972	R 444 789
72,54	R 381 403	R 410 658	R 439 913	R 469 168	R 498 423
BREAKEVEN YIELD (Ton/ha)	20,00	18,95	18,00	17,14	16,36

Costs Of Production	R/Ha
Fertiliser	15 498,93
Seed	3 450,00
Weed Control	1 478,90
Pest Control	5 634,13
Fungal Control	1 654,34
Labour Cost	43 603,98
Fuel	4 710,67
Repairs & Maintenance	3 514,60
Packaging Material	18,26
Interest	4 674,37



Disclaimer

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