

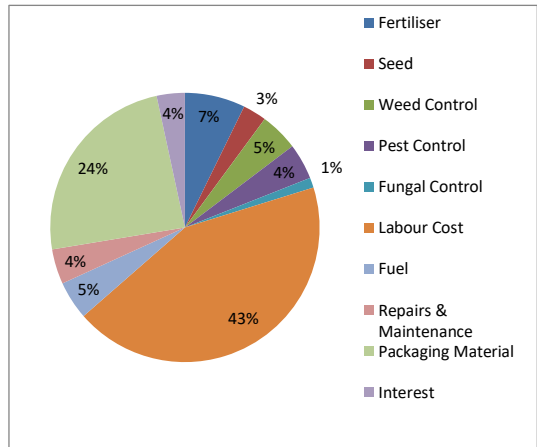
ENTERPRISE BUDGET					
Classification	Vegetables	Province	Western Cape		
Enterprise Budget Name	Onions	District	Cape Winelands		
Land Size	1 Hectare	Area	Witzenberg		
Date Developed	31 March 2014	Latest Update	30 August 2021		
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo		
Soil Type	Sandy-Loam				
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			60 450,00	253 890,00	4,20
Product Income					
Onion Market	Kg	4,20	60 450,00	253 890,00	4,20
MARKETING COSTS Market	12,5%			31 736,25	0,53
GROSS INCOME minus MARKETING COSTS				222 153,75	3,68
TOTAL ALLOCATABLE VARIABLE COSTS				76 413,40	1,26
DIRECTLY ALLOCATABLE VARIABLE COSTS				69 436,65	1,15
A) PRE-HARVEST COST					
PLANTING MATERIAL					
Onion	Kg	560,97	4,00	2 243,88	0,04
FERTILISER					
Single super phosphate 10.5%	Ton	5 824,06	0,30	1 747,22	0,03
Lime Ammonium Nitrate (28)	Ton	6 461,62	0,23	1 486,17	0,02
3:1:5 (38)	Ton	7 160,91	0,35	2 506,32	0,04
HERBICIDES					
Glyphosate	Kg	84,41	4,00	337,64	0,01
Urea HB Granular 46%	Ton	7 617,60	0,35	2 666,16	0,04
Oxyfluorfen	L	358,13	1,20	429,76	0,01
Poly-1-p-Menthene	L	249,90	0,84	209,91	0,00
PESTICIDES/INSECTICIDES					
Deltamethrin 25 EC	L	221,00	0,06	13,26	0,00
Methomyl	L	126,39	0,40	50,55	0,00
Fenamiphos	L	347,69	7,50	2 607,68	0,04
Lamda-cyhalothrin	L	121,21	6,00	727,26	0,01
FUNGICIDES					
Benomyl	Kg	164,58	0,50	82,29	0,00
Tebuconazole 250 EW	L	443,90	1,50	665,85	0,01
Copper oxychloride	Kg	104,08	2,00	208,15	0,00
CASUAL LABOUR					
Casual Labour Soil Prep/Hour	R/Manhour	21,69	36,00	780,84	0,01
Casual Labour Planting/Hour	R/Manhour	21,69	540,00	11 712,60	0,19
Casual Labour Irrigation/Hour	R/Manhour	21,69	60,00	1 301,40	0,02
B) HARVEST COSTS					
Casual Labour Harvesting/Hour	R/Manhour	21,69	360,00	7 808,40	0,13
Casual Labour Packaging/Hour	R/Manhour	21,69	585,00	12 688,65	0,21
PACKAGING MATERIAL					
Carry Bag (10kg)	Each	3,17	6 045,00	19 162,65	0,32
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				152 717,10	2,53

INDIRECTLY ALLOCATABLE VARIABLE COSTS			6 976,75	0,12
C) PRE-HARVEST COST				
Fuel	L	14,06	1 295,07	0,02
Repairs & Maintenance			1 398,97	0,02
D) HARVEST COSTS				
Fuel	L	14,06	2 352,09	0,04
Repairs & Maintenance			1 930,62	0,03
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			145 740,35	2,41
Interest on Working Capital			2 674,47	0,04
MARGIN ABOVE SPECIFIED COSTS			143 065,89	2,37

NOTES:		
Interest Rate		7,00%
Growing period of Crop (Months)		6

SENSITIVITY ANALYSIS					
YIELD (Kg/ha)	PRICE (R/kg)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 4	R 4	R 4	R 4	R 5
48360,00	R 71 977	R 82 132	R 92 288	R 102 443	R 112 599
54405,00	R 94 827	R 106 252	R 117 677	R 129 102	R 140 527
60450,00	R 117 677	R 130 371	R 143 066	R 155 760	R 168 455
66495,00	R 140 527	R 154 491	R 168 455	R 182 419	R 196 383
72540,00	R 163 377	R 178 610	R 193 844	R 209 077	R 224 311
BREAKEVEN YIELD (Kg/ha)	29318,55	27775,47	26386,69	25130,18	23987,90

Costs Of Production	R/Ha
Fertiliser	5 739,71
Seed	2 243,88
Weed Control	3 643,47
Pest Control	3 398,76
Fungal Control	956,29
Labour Cost	34 291,89
Fuel	3 647,16
Repairs & Maintenance	3 329,59
Packaging Material	19 162,65
Interest	2 674,47



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