

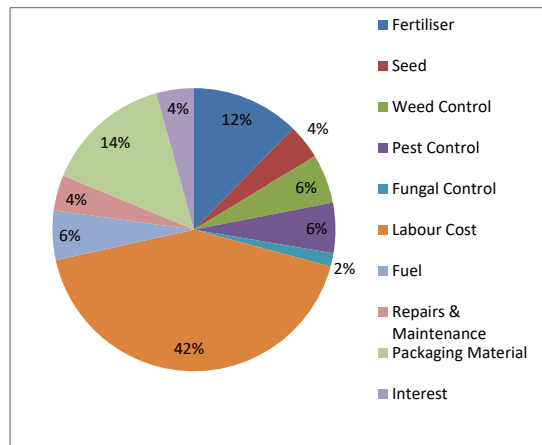
ENTERPRISE BUDGET					
Classification	Vegetables	Province	Western Cape		
Enterprise Budget Name	Onions	District	Cape Winelands		
Land Size	1 Hectare	Area	Witzenberg		
Date Developed	31 March 2014	Latest Update	31 August 2022		
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo		
Soil Type	Sandy-Loam				
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	399 453,60	6,61
Product Income					
Onion Market	Kg	6,61	60 450,00	399 453,60	6,61
MARKETING COSTS Market	12,5%			49 931,70	0,83
GROSS INCOME minus MARKETING COSTS				349 521,90	5,78
TOTAL ALLOCATABLE VARIABLE COSTS				82 861,80	1,37
DIRECTLY ALLOCATABLE VARIABLE COSTS				74 449,78	1,23
A) PRE-HARVEST COST					
PLANTING MATERIAL				3 450,00	0,06
Onion	Kg	862,50	4,00	3 450,00	0,06
FERTILISER				10 675,51	0,18
Single super phosphate 10.5%	Ton	5 721,71	0,30	1 716,51	0,03
Lime Ammonium Nitrate (28)	Ton	13 599,90	0,23	3 127,98	0,05
3:1:5 (38)	Ton	16 660,05	0,35	5 831,02	0,10
HERBICIDES				4 860,21	0,08
Glyphosate	Kg	148,97	4,00	595,88	0,01
Urea HB Granular 46%	Ton	9 982,00	0,35	3 493,70	0,06
Oxyfluorfen	L	397,76	1,20	477,31	0,01
Poly-1-p-Menthene	L	349,19	0,84	293,32	0,00
PESTICIDES/INSECTICIDES				4 977,68	0,08
Deltamethrin 25 EC	L	198,11	0,06	11,89	0,00
Methomyl	L	135,63	0,40	54,25	0,00
Fenamiphos	L	525,77	7,50	3 943,26	0,07
Lamda-cyhalothrin	L	161,38	6,00	968,28	0,02
FUNGICIDES				1 309,84	0,02
Benomyl	Kg	404,80	0,50	202,40	0,00
Tebuconazole 250 EW	L	594,36	1,50	891,54	0,01
Copper oxychloride	Kg	107,95	2,00	215,90	0,00
CASUAL LABOUR				14 748,84	0,24
Casual Labour Soil Prep/Hour	R/Manhour	23,19	36,00	834,84	0,01
Casual Labour Planting/Hour	R/Manhour	23,19	540,00	12 522,60	0,21
Casual Labour Irrigation/Hour	R/Manhour	23,19	60,00	1 391,40	0,02
B) HARVEST COSTS				21 914,55	0,36
Casual Labour Harvesting/Hour	R/Manhour	23,19	360,00	8 348,40	0,14
Casual Labour Packaging/Hour	R/Manhour	23,19	585,00	13 566,15	0,22
PACKAGING MATERIAL				12 513,15	0,21
Carry Bag (10kg)	Each	2,07	6 045,00	12 513,15	0,21
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				275 072,12	4,55

INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 412,02	0,14
C) PRE-HARVEST COST				
Fuel	L	21,14	1 946,77	0,03
Repairs & Maintenance			1 398,97	0,02
D) HARVEST COSTS				
Fuel	L	21,14	2 950,66	0,05
Repairs & Maintenance			2 115,63	0,03
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			266 660,10	4,41
Interest on Working Capital			3 728,78	0,06
MARGIN ABOVE SPECIFIED COSTS			262 931,32	4,35

NOTES:		
Interest Rate		9,00%
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 6	R 6	R 7	R 7	R 7
48360,00	R 151 084	R 167 062	R 183 041	R 199 019	R 214 997
54405,00	R 187 035	R 205 011	R 222 986	R 240 961	R 258 937
60450,00	R 222 986	R 242 959	R 262 931	R 282 904	R 302 877
66495,00	R 258 937	R 280 907	R 302 877	R 324 847	R 346 817
72540,00	R 294 888	R 318 855	R 342 822	R 366 789	R 390 756
BREAKEVEN YIELD (Kg/ha)	22955,72	21747,53	20660,15	19676,34	18781,96

Costs Of Production	R/Ha
Fertiliser	10 675,51
Seed	3 450,00
Weed Control	4 860,21
Pest Control	4 977,68
Fungal Control	1 309,84
Labour Cost	36 663,39
Fuel	4 897,43
Repairs & Maintenance	3 514,60
Packaging Material	12 513,15
Interest	3 728,78



Disclaimer
The enterprise budgets developed by the Western Cape Department of Agriculture are done to reflect accuracy and relevance of information. However, as each enterprise budget contains data from various sources its correctness cannot be guaranteed. Therefore, any person using this information will be doing so at own risk as the said organisation or other party will under no circumstances be responsible for any loss suffered by any person/ organisation using the information contained in this document.