



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	25 August 2020
Developer	Nomfundo Nyembe	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Loam		

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

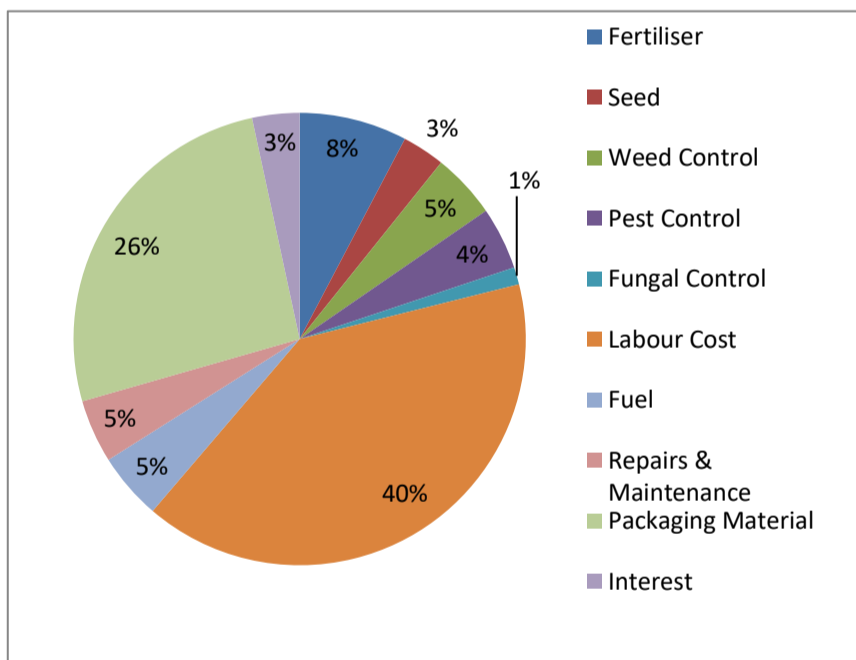
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			60 450,00	358 287,15	5,93
Product Income					
Onion Market	Kg	5,93	60 450,00	358 287,15	5,93
MARKETING COSTS Market	12,5%			44 785,89	0,74
GROSS INCOME minus MARKETING COSTS				313 501,26	5,19
TOTAL ALLOCATABLE VARIABLE COSTS				71 060,89	1,18
DIRECTLY ALLOCATABLE VARIABLE COSTS				64 220,37	1,06
A) PRE-HARVEST COST					
PLANTING MATERIAL				2 243,88	0,04
Onion	Kg	560,97	4,00	2 243,88	0,04
FERTILISER				5 669,93	0,09
Single super phosphate 10.5%	Ton	6 049,92	0,30	1 814,98	0,03
Lime Ammonium Nitrate (28)	Ton	5 790,25	0,23	1 331,76	0,02
3:1:5 (38)	Ton	7 209,12	0,35	2 523,19	0,04
HERBICIDES				3 417,76	0,06
Glyphosate	Kg	85,08	4,00	340,31	0,01
Urea HB Granular 46%	Ton	7 021,44	0,35	2 457,50	0,04
Oxyfluorfen	L	341,70	1,20	410,04	0,01
Poly-1-p-Menthene	L	249,90	0,84	209,91	0,00
PESTICIDES/INSECTICIDES				3 286,89	0,05
Deltamethrin 25 EC	L	114,33	0,06	6,86	0,00
Methomyl	L	96,81	0,40	38,72	0,00
Fenamiphos	L	347,69	7,50	2 607,68	0,04
Lamda-cyhalothrin	L	105,60	6,00	633,63	0,01
FUNGICIDES				906,18	0,01
Benomyl	Kg	164,58	0,50	82,29	0,00
Tebuconazole 250 EW	L	411,54	1,50	617,31	0,01
Copper oxychloride	Kg	103,29	2,00	206,59	0,00
CASUAL LABOUR				11 880,48	0,20
Casual Labour Soil Prep/Hour	R/Manhour	18,68	36,00	672,48	0,01
Casual Labour Planting/Hour	R/Manhour	18,68	540,00	10 087,20	0,17
Casual Labour Irrigation/Hour	R/Manhour	18,68	60,00	1 120,80	0,02
B) HARVEST COSTS				17 652,60	0,29
Casual Labour Harvesting/Hour	R/Manhour	18,68	360,00	6 724,80	0,11
Casual Labour Packaging/Hour	R/Manhour	18,68	585,00	10 927,80	0,18
PACKAGING MATERIAL				19 162,65	0,32
Carry Bag (10kg)	Each	3,17	6 045,00	19 162,65	0,32
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				249 280,88	4,12

INDIRECTLY ALLOCATABLE VARIABLE COSTS			6 840,52	0,11
C) PRE-HARVEST COST				
Fuel	L	12,61	1 161,02	0,02
Repairs & Maintenance			1 398,97	0,02
D) HARVEST COSTS				
Fuel	L	12,61	2 349,91	0,04
Repairs & Maintenance			1 930,62	0,03
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			242 440,37	4,01
Interest on Working Capital			2 487,13	0,04
MARGIN ABOVE SPECIFIED COSTS			239 953,24	3,97

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 5	R 6	R 6	R 6	R 7
48360,00	R 139 633	R 153 964	R 168 296	R 182 627	R 196 959
54405,00	R 171 879	R 188 002	R 204 125	R 220 247	R 236 370
60450,00	R 204 125	R 222 039	R 239 953	R 257 868	R 275 782
66495,00	R 236 370	R 256 076	R 275 782	R 295 488	R 315 194
72540,00	R 268 616	R 290 113	R 311 611	R 333 108	R 354 605
BREAKEVEN YIELD (Kg/ha)	22183,59	21016,03	19965,23	19014,50	18150,21

Costs Of Production	R/Ha
Fertiliser	5 669,93
Seed	2 243,88
Weed Control	3 417,76
Pest Control	3 286,89
Fungal Control	906,18
Labour Cost	29 533,08
Fuel	3 510,93
Repairs & Maintenance	3 329,59
Packaging Material	19 162,65
Interest	2 487,13



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.