

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	05 September 2019		
Soil Type	Sandy-Loam	Budget ID	NomfundoN/SinovuyoM		
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	348 071,10	5,76
Product Income					
Onion Market	Kg	5,76	60 450,00	348 071,10	5,76
MARKETING COSTS Market	12,5%			43 508,89	0,72
GROSS INCOME minus MARKETING COSTS				304 562,21	5,04
TOTAL ALLOCATABLE VARIABLE COSTS				58 662,67	0,97
DIRECTLY ALLOCATABLE VARIABLE COSTS				51 623,89	0,85
A) PRE-HARVEST COST					
PLANTING MATERIAL					
Onion	kg	560,97	4,00	2 243,88	0,04
FERTILISER					
Single super phosphate 10.5%	Ton	5 691,70	0,30	1 707,51	0,03
Lime Ammonium Nitrate (28)	Ton	5 689,64	0,23	1 308,62	0,02
3:1:5 (38)	Ton	7 327,11	0,35	2 564,49	0,04
HERBICIDES					
Glyphosate	Kg	63,94	4,00	255,76	0,00
Urea HB Granular 46%	Ton	6 538,28	0,35	2 288,40	0,04
Oxyfluorfen	L	315,72	1,20	378,87	0,01
Poly-1-p-Menthene	L	256,45	0,84	215,42	0,00
PESTICIDES/INSECTICIDES					
Deltamethrin 25 EC	L	121,74	0,06	7,30	0,00
Methomyl	L	88,01	0,40	35,20	0,00
Fenamiphos	L	308,04	7,50	2 310,27	0,04
Lamda-cyhalothrin	L	105,61	6,00	633,68	0,01
FUNGICIDES					
Benomyl	Kg	203,89	0,50	101,95	0,00
Tebuconazole 250 EW	L	430,10	1,50	645,15	0,01
Copper oxychloride	Kg	93,87	2,00	187,75	0,00
CASUAL LABOUR					
Casual Labour Soil Prep/H	Manhour	18,00	36,00	648,00	0,01
Casual Labour Planting/H	Manhour	18,00	540,00	9 720,00	0,16
Casual Labour Irrigation/H	Manhour	18,00	60,00	1 080,00	0,02
B) HARVEST COSTS					
Casual Labour Harvesting/H	Manhour	18,00	360,00	6 480,00	0,11
Casual Labour Packaging/H	Manhour	18,00	585,00	10 530,00	0,17
PACKAGING MATERIAL					
Packaging - 10kg Bag	Each	1,37	6 045,00	8 281,65	0,14
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				252 938,33	4,18

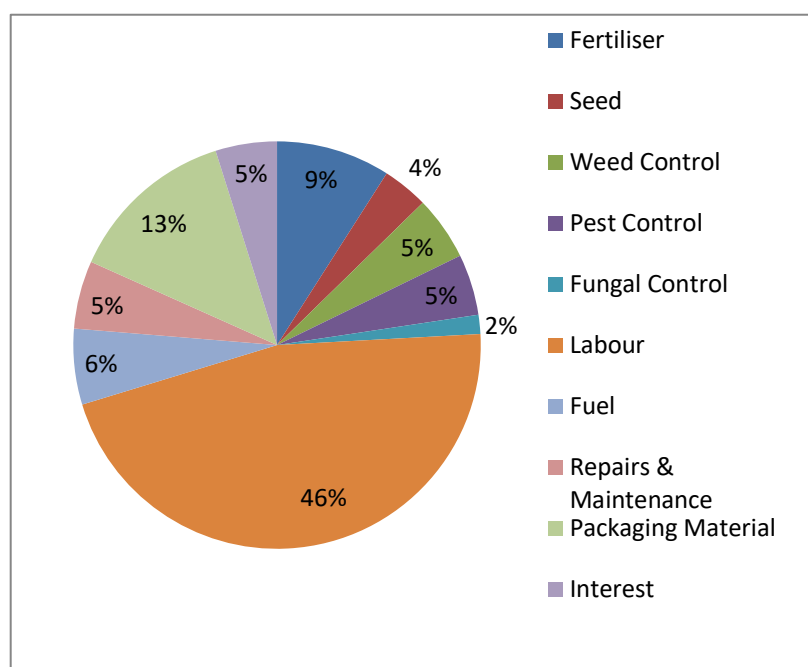
INDIRECTLY ALLOCATABLE VARIABLE COSTS			7 038,78	0,12
C) PRE-HARVEST COST				
Fuel	L	13,83	1 273,38	0,02
Repairs & Maintenance			1 398,97	0,02
D) HARVEST COSTS				
Fuel	L	13,83	2 434,10	0,04
Repairs & Maintenance			1 932,33	0,03
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			245 899,55	4,07
Interest on Working Capital			3 006,46	0,05
MARGIN ABOVE SPECIFIED COSTS			242 893,09	4,02

NOTES:

Interest Rate 10,25%
 Growing period of Crop 6 months

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 5	R 6	R 6	R 6
48360,00	R 145 433	R 159 356	R 173 279	R 187 202	R 201 125
54405,00	R 176 760	R 192 423	R 208 086	R 223 749	R 239 412
60450,00	R 208 086	R 225 490	R 242 893	R 260 297	R 277 700
66495,00	R 239 412	R 258 556	R 277 700	R 296 844	R 315 988
72540,00	R 270 739	R 291 623	R 312 507	R 333 392	R 354 276
BREAKEVEN YIELD (Kg/ha)	20296,02	19227,80	18266,41	17396,59	16605,83

Costs Of Production	R/Ha
Fertiliser	5 580,61
Seed	2 243,88
Weed Control	3 138,44
Pest Control	2 986,46
Fungal Control	934,84
Labour	28 458,00
Fuel	3 707,48
Repairs & Maintenance	3 331,30
Packaging Material	8 281,65
Interest	3 006,46



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.