

ENTERPRISE BUDGET					
Classification	Vegetables	Province	Western Cape		
Enterprise Budget Name	Potatoes	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			51 150,00	283 882,50	5,55
Product Income					
Potato	Kg	5,55	51 150,00	283 882,50	5,55
MARKETING COSTS Market	12,5%			35 485,31	0,69
GROSS INCOME minus MARKETING COSTS				248 397,19	4,86
TOTAL ALLOCATABLE VARIABLE COSTS				131 682,27	2,57
DIRECTLY ALLOCATABLE VARIABLE COSTS				124 862,96	2,44
A) PRE-HARVEST COST					
PLANTING MATERIAL				31 740,00	0,62
Potatoe seed	Kg	8,46	3 750,00	31 740,00	0,62
FERTILISER				11 194,17	0,22
Potassium Nitrate	Ton	18 297,42	0,45	8 233,84	0,16
Lime Ammonium Nitrate (28)	Ton	5 790,25	0,20	1 158,05	0,02
3:1:5 (38)	Ton	7 209,12	0,25	1 802,28	0,04
HERBICIDES				695,98	0,01
Glyphosate	Kg	85,08	4,00	340,31	0,01
Metazachlor	L	355,67	1,00	355,67	0,01
PESTICIDES/INSECTICIDES				1 160,23	0,02
Methamidophos	L	184,00	3,00	552,00	0,01
Deltamethrin 25EC	L	802,60	0,06	48,16	0,00
Cyromazine	Kg	1 770,11	0,30	531,03	0,01
Methomyl	L	96,81	0,30	29,04	0,00
FUNGICIDES				1 672,31	0,03
Captab	Kg	176,03	2,00	352,06	0,01
Mancozeb 800WP	Kg	73,35	18,00	1 320,25	0,03
CASUAL LABOUR				10 068,52	0,20
Casual Labour Soil Prep/Hour	R/Manhour	18,68	54,00	1 008,72	0,02
Casual Labour Planting/Hour	R/Manhour	18,68	437,00	8 163,16	0,16
Casual Labour Irrigation/Hour	R/Manhour	18,68	48,00	896,64	0,02
B) HARVEST COSTS				52 117,20	1,02
Casual Labour Harvesting/Hour	R/Manhour	18,68	2 790,00	52 117,20	1,02
PACKAGING MATERIAL				16 214,55	0,32
Carry Bag (10kg)	Each	3,17	5 115,00	16 214,55	0,32
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				123 534,23	2,42

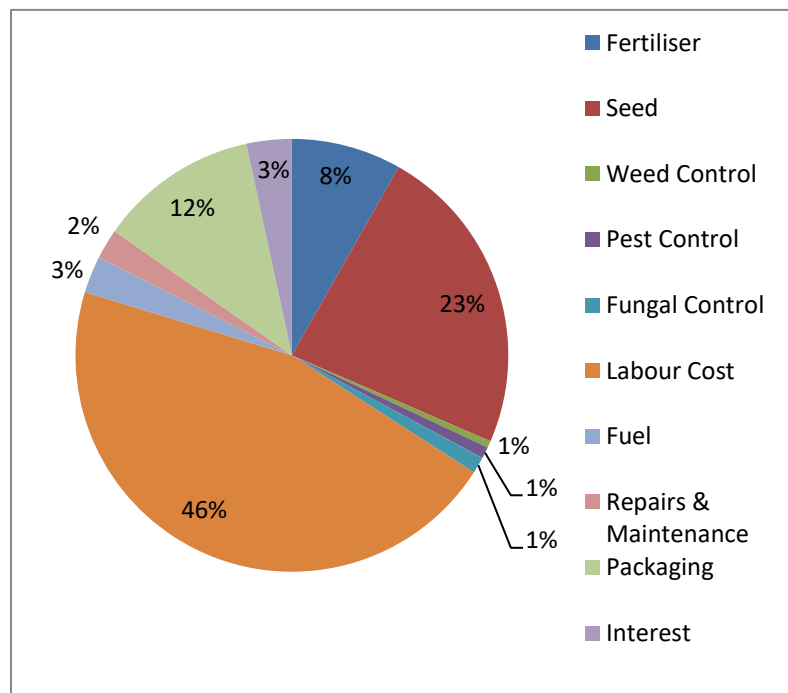
INDIRECTLY ALLOCATABLE VARIABLE COSTS			6 819,31	0,13
C) PRE-HARVEST COST				
Fuel	L	12,61	1 408,97	0,03
Repairs & Maintenance			1 129,81	0,02
D) HARVEST COSTS				
Fuel	L	12,61	2 349,91	0,05
Repairs & Maintenance			1 930,62	0,04
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			116 714,91	2,28
Interest on Working Capital			4 608,88	0,09
MARGIN ABOVE SPECIFIED COSTS			112 106,04	2,19

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 5,00	R 5,27	R 5,55	R 5,83	R 6,11
40920,00	R 32 619	R 43 974	R 55 330	R 66 685	R 78 040
46035,00	R 58 168	R 70 943	R 83 718	R 96 492	R 109 267
51150,00	R 83 718	R 97 912	R 112 106	R 126 300	R 140 494
56265,00	R 109 267	R 124 881	R 140 494	R 156 108	R 171 721
61380,00	R 134 817	R 151 850	R 168 883	R 185 915	R 202 948
BREAKEVEN YIELD (Kg/ha)	34389,68	32579,70	30 950,71	29 476,87	28 137,01

Costs Of Production	R/Ha
Fertiliser	11 194,17
Seed	31 740,00
Weed Control	695,98
Pest Control	1 160,23
Fungal Control	1 672,31
Labour Cost	62 185,72
Fuel	3 758,88
Repairs & Maintenance	3 060,44
Packaging	16 214,55
Interest	4 608,88



Disclaimer

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