

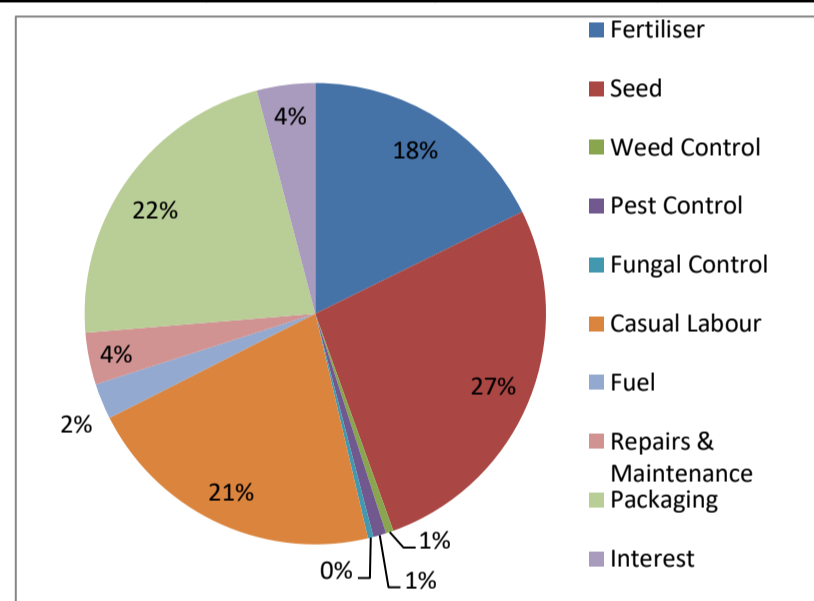
ENTERPRISE BUDGET					
Classification	Vegetable	Province	Western Cape		
Enterprise Budget Name	Sweet Potatoes	District	North West Coast		
Land Size	1 Hectare	Area	Matzikama		
Date Developed	20 November 2018	Latest update	21 May 2019		
Soil Type	Sandy	Budget ID	ZikhonaS/MzwaneleL		
Use this enterprise budget as an aid in the planning process.					
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			40,00	248 000,00	6 200,00
Product Income					
Sweet Potatoe	Ton	6200,00	40,00	248 000,00	6 200,00
MARKETING COSTS Market	12,5%		5,00	31 000,00	775,00
GROSS INCOME minus MARKETING COSTS				217 000,00	5 425,00
TOTAL ALLOCATABLE VARIABLE COSTS				180 447,63	4 511,19
DIRECTLY ALLOCATABLE VARIABLE COSTS				173 480,50	4 337,01
A) PRE-HARVEST COST					
PLANTING MATERIAL					
Sweet Potatoes	Plant	0,38	79 000,00	29 980,50	749,51
Cover crop (Rye)	KG	7,67	50,00	383,33	9,58
FERTILISER					
Starter veg 1:1:1 (34)	Ton	8 188,00	0,25	2 047,00	51,18
Calcium Nitrate	Ton	6 132,18	0,30	1 839,66	45,99
Potassium Nitrate	Ton	18 297,42	0,20	3 659,48	91,49
6:1:6 (38)	Ton	11 672,50	0,90	10 505,25	262,63
Lime Ammonium Nitrate (28)	Ton	5 790,25	0,35	2 026,59	50,66
Chicken manure	Ton	454,25	1,00	454,25	11,36
HERBICIDES					
Linuron SC	L	311,97	0,98	304,17	7,60
Alachlor 480 CS	L	100,18	3,00	300,53	7,51
PESTICIDES/INSECTICIDES					
Abamectin	L	147,89	1,00	147,89	3,70
Pyriproxyfen	L	373,75	0,60	224,25	5,61
Chlorpenapyr	L	1 072,26	0,35	375,29	9,38
Bifenthrin(pyrethroid) 100g/L	L	184,83	1,50	277,24	6,93
Deltamethrin 25EC	L	802,60	4,00	3 210,39	80,26
FUNGICIDES					
Mancozeb 480SC	Kg	73,35	2,00	146,69	3,67
Thiram	Kg	143,75	2,00	287,50	7,19
CASUAL LABOUR					
Casual Labour Planting/Day	R/Manday	168,12	55,00	9 246,60	231,17
IRRIGATION & ELECRCITY					
B) HARVEST COSTS					
Casual Labour Harvesting/Day	R/Manday	168,12	88,00	14 794,56	369,86
Casual Labour Packaging/Day	R/Manday	168,12	161,00	27 067,32	676,68
PACKAGING MATERIAL					
Box (15KG)	Each	12	2 666,00	31 992,00	799,80
Pellet	Pellet	170	53,00	9 010,00	225,25
CONTRACT WORK					
Transport to market	Pellet	420	60,00	25 200,00	630,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				43 519,50	1 087,99

INDIRECTLY ALLOCATABLE VARIABLE COSTS			6 967,13	174,18
C) PRE-HARVEST COST				
Fuel	L	12,61	658,14	16,45
Repairs & Maintenance			427,49	10,69
D) HARVEST COSTS				
Fuel	L	12,61	2181,12	54,53
Repairs & Maintenance			3700,39	92,51
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			36 552,37	913,81
Interest on Working Capital			4 623,97	115,60
MARGIN ABOVE SPECIFIED COSTS			31 928,40	798,21

NOTES:	
Interest Rate	10,25%
Growing period of Crop	3 months

SENSITIVITY ANALYSIS					
YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 5 580,00	R 5 890,00	R 6 200,00	R 6 510,00	R 6 820,00
32	-R 37 512	-R 27 592	-R 17 672	-R 7 752	R 2 168
36	-R 15 192	-R 4 032	R 7 128	R 18 288	R 29 448
40	R 7 128	R 19 528	R 31 928	R 44 328	R 56 728
44	R 29 448	R 43 088	R 56 728	R 70 368	R 84 008
48	R 51 768	R 66 648	R 81 528	R 96 408	R 111 288
BREAKEVEN YIELD (Ton/Ha)	39	37	35	33	32

Costs Of Production	R/Ha
Fertiliser	20 077,98
Seed	30 363,83
Weed Control	604,70
Pest Control	1 024,67
Fungal Control	434,19
Casual Labour	24 041,16
Fuel	2 839,26
Repairs & Maintenance	4 127,87
Packaging	25 200,00
Interest	4 623,97



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