

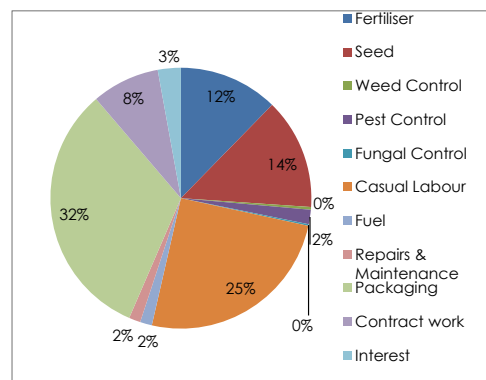
ENTERPRISE BUDGET					
Classification	Vegetable	Province	Western Cape		
Enterprise Budget Name	Sweet Potatoes	District	North West Coast		
Land Size	1 Hectare	Area	Matzikama		
Date Developed	20 November 2018	Latest update	27 June 2024		
Soil Type	Sandy	Budget ID	Ziyanda Mtshiselwa		
Use this enterprise budget as an aid in the planning process.					
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			40,00	218 284,00	5 457,10
Product Income					
Sweet Potatoes	Ton	5 457,10	40,00	218 284,00	5 457,10
MARKETING COSTS Market	12,5%		5,00	27 285,50	682,14
GROSS INCOME minus MARKETING COSTS				190 998,50	4 774,96
TOTAL ALLOCATABLE VARIABLE COSTS				291 245,81	7 281,15
DIRECTLY ALLOCATABLE VARIABLE COSTS				282 534,05	7 063,35
A) PRE-HARVEST COST					
PLANTING MATERIAL				41 250,50	1 031,26
Sweet Potatoes	Plant	0,52	79 000,00	40 882,50	1 022,06
Cover crop (Rye)	KG	7,36	50,00	368,00	9,20
FERTILISER				36 941,50	923,54
Starter veg1:1:1(34)	Kg	15,99	250,00	3 997,17	99,93
Calcium Nitrate	Ton	9 640,00	0,30	2 892,00	72,30
Potassium Nitrate	Ton	31 866,50	0,20	6 373,30	159,33
6:1:6 (38)	Ton	17 653,88	0,90	15 888,49	397,21
Lime Ammonium Nitrate (28)	Ton	9 972,98	0,35	3 490,54	87,26
Chicken manure	Ton	4 300,00	1,00	4 300,00	107,50
HERBICIDES				1 015,40	25,38
Linuron SC	L	499,52	0,98	487,03	12,18
Alachlor 480 CS	L	176,12	3,00	528,37	13,21
PESTICIDES/INSECTICIDES				5 344,89	133,62
Abamectin	L	124,14	1,00	124,14	3,10
Pyriproxyfen	L	678,71	0,60	407,22	10,18
Chlorpenapyr	L	3 592,20	0,35	1 257,27	31,43
Bifenthrin(pyrethroid) 100g/L	L	306,05	1,50	459,07	11,48
Deltamethrin 25EC	L	774,30	4,00	3 097,18	77,43
FUNGICIDES				618,86	15,47
Mancozeb 480SC	Kg	135,00	2,00	270,00	6,75
Thiram	Kg	174,43	2,00	348,86	8,72
CASUAL LABOUR				13 652,10	341,30
Casual Labour Planting/Day	R/Manday	248,22	55,00	13 652,10	341,30
IRRIGATION & ELECRICITY					
B) HARVEST COSTS				61 806,78	1 545,17
Casual Labour Harvesting/Day	R/Manday	248,22	88,00	21 843,36	546,08
Casual Labour Packaging/Day	R/Manday	248,22	161,00	39 963,42	999,09
PACKAGING MATERIAL				96 704,02	2 417,60
Box (15KG)	Each	32,476	2 666,00	86 581,02	2 164,53
Pellet	Pellet	191	53,00	10 123,00	253,08
CONTRACT WORK				25 200,00	630,00
Transport to market	Pellet	420	60,00	25 200,00	630,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				-91 535,55	-2 288,39

INDIRECTLY ALLOCATABLE VARIABLE COSTS			8 711,76	217,79
C) PRE-HARVEST COST				
Fuel	L	20,33	1 061,28	26,53
Repairs & Maintenance			427,49	10,69
D) HARVEST COSTS				
Fuel	L	20,33	3373,68	84,34
Repairs & Maintenance			3849,30	96,23
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			-100 247,31	-2 506,18
Interest on Working Capital			8 555,35	213,88
MARGIN ABOVE SPECIFIED COSTS			-108 802,65	-2 720,07

NOTES:		
Interest Rate	11,75%	
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 4 911,39	R 5 184,25	R 5 457,10	R 5 729,96	R 6 002,81
32	-R 169 922	-R 161 191	-R 152 459	-R 143 728	-R 134 997
36	-R 150 277	-R 140 454	-R 130 631	-R 120 808	-R 110 985
40	-R 130 631	-R 119 717	-R 108 803	-R 97 888	-R 86 974
44	-R 110 985	-R 98 980	-R 86 974	-R 74 969	-R 62 963
48	-R 91 340	-R 78 243	-R 65 146	-R 52 049	-R 38 952
BREAKEVEN YIELD (Ton/Ha)	67	63	60	57	54

Costs Of Production	R/Ha
Fertiliser	36 941,50
Seed	41 250,50
Weed Control	1 015,40
Pest Control	5 344,89
Fungal Control	618,86
Casual Labour	75 458,88
Fuel	4 434,97
Repairs & Maintenance	4 276,79
Packaging	96 704,02
Contract work	25 200,00
Interest	8 555,35



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