

ENTERPRISE BUDGET

Classification	Fruit	Province	Western Cape
Enterprise Budget Name	Lemons Y3	District	Cape Winelands
Land Size	1 Hectare	Area	Drakenstein
Date Developed	06 June 2018	Date Updated	15 September 2022
Developer	Mzwanele Lingani	Updater	Nkhanedzeni Nedzungani
Soil Type	Sandy clay		

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

	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			17,00	42 608,80	2 506,40
Product Income					
Lemons - Local Market	Ton	2 506,40	17,00	42 608,80	2 506,40
MARKETING COSTS (Local Market)			0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				42 608,80	2 506,40
TOTAL ALLOCATABLE VARIABLE COSTS				43 875,33	2 580,90
DIRECTLY ALLOCATABLE VARIABLE COSTS				40 451,97	2 379,53
A) PRE-HARVEST COST					
FERTILISER				32 223,62	1 895,51
Urea HB Granular 46%	Ton	9 982,00	0,40	4 024,74	236,75
Mono Ammonium Phosphate	Ton	17 618,00	0,19	3 424,94	201,47
Calcium Nitrate	Ton	12 375,92	0,36	4 435,53	260,91
Magnesium	Ton	15 640,00	0,12	1 864,29	109,66
Potassium Nitrate	Ton	33 544,35	0,40	13 364,07	786,12
KCL	Ton	24 380,00	0,21	5 110,05	300,59
HERBICIDES				57,28	3,37
Glyphosate	L	190,92	0,30	57,28	3,37
INSECTICIDES				884,58	52,03
Bacillus thuringiensis	Kg	797,04	0,13	99,63	5,86
Imidacloprid 350SC	L	597,40	0,90	537,66	31,63
Mineral Oil 857g/l (Ampron)	L	23,51	3,00	70,52	4,15
Spinetoram 250 WG	kg	7 365,42	0,02	176,77	10,40
FUNGICIDES				1 360,22	80,01
Potassium phosphite 400 SL	L	34,01	40,00	1 360,22	80,01
PESTICIDES				59,21	3,48
Spirotetramat	L	2 960,34	0,02	59,21	3,48
CASUAL LABOUR				2 319,00	136,41
Casual Labour Spraying/Hour	R/Manhour	23,19	100,00	2 319,00	136,41
B) HARVEST COSTS				3 548,07	208,71
Casual Labour Harvesting/Hour	R/Manhour	23,19	118,00	2 736,42	160,97
Casual Labour Sorting & Grading/Hour	R/Manhour	23,19	35,00	811,65	47,74
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				2 156,83	126,87

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 423,36	201,37
C) PRE-HARVEST COST				
Fuel	L	21,14	861,63	50,68
Repairs & Maintenance			486,66	28,63
D) HARVEST COSTS				122,06
Fuel	L	21,14	887,74	52,22
Repairs & Maintenance			1 187,33	69,84
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			-1 266,53	-74,50
Interest on Working Capital			3 948,78	232,28
MARGIN ABOVE SPECIFIED COSTS			-5 215,31	-306,78

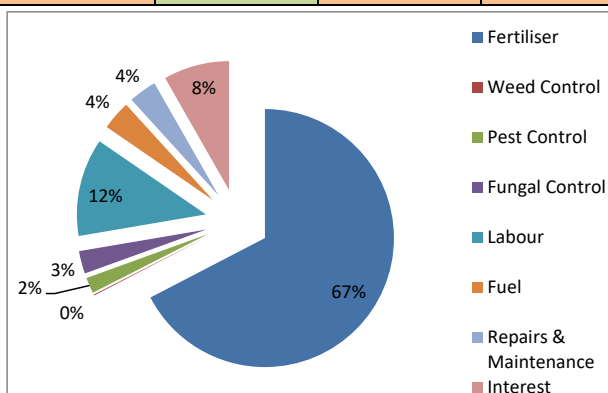
NOTES:

Interest Rate	9,00%
Growing period of Crop (Months)	12

SENSITIVITY ANALYSIS

YIELD (ton/ha)	PRICE (R/ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 2 256	R 2 381	R 2 506	R 2 632	R 2 757
13,60	-R 17 146	-R 15 441	-R 13 737	-R 12 033	-R 10 328
15,30	-R 13 311	-R 11 394	-R 9 476	-R 7 559	-R 5 641
17,00	-R 9 476	-R 7 346	-R 5 215	-R 3 085	-R 954
18,70	-R 5 641	-R 3 298	-R 954	R 1 389	R 3 733
20,40	-R 1 807	R 750	R 3 306	R 5 863	R 8 420
BREAKEVEN YIELD (Ton/Ha)	21,20	20,09	19,08	18,17	17,35

Costs Of Production	R/Ha
Fertiliser	32 223,62
Weed Control	57,28
Pest Control	943,79
Fungal Control	1 360,22
Labour	5 867,07
Fuel	1 749,37
Repairs & Maintenance	1 673,99
Interest	3 948,78



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