Western Cape Government

AGRICULTURAL ECONOMICS SERVICES
Division: Production Economics
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ENTERPRISE BUDGET			
Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Cherry- YR 3	**District**	Cape Winelands
Land Size	1 ha	**Area**	Ceres
Date Developed	09 April 2019	**Date Updated**	11 November 2025
Developer	Athenkosi Mbaba	**Updater**	Nkhanedzeni Nedzungani
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			**3 000,00**	**154 260,00**	**51,42**
Product Income					
Cherry- Fresh market	Kg	51,42	3 000,00	154 260,00	51,42
MARKETING COSTS- CAPE TOWN MARKET	12,5%			19 282,50	6,43
GROSS INCOME minus MARKETING COSTS				**134 977,50**	**44,99**
TOTAL ALLOCATABLE VARIABLE COSTS				**97 895,15**	**32,63**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**88 712,72**	**29,57**
A) PRE-HARVEST COST					
FERTELISER				**9 871,16**	**3,29**
Turbo-31 10:1:5	Kg	11,31	0,28	3,17	0,00
Single Super Phosphate 10.5%	Ton	13 820,00	0,44	6 127,71	2,04
Maxiphos 20	Ton	15 191,50	0,08	1 139,36	0,38
Urea HB Granular 46%	Kg	14,33	0,40	5,72	0,00
KCL	Kg	13,07	0,35	4,57	0,00
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,28	2 590,62	0,86
INSECTICIDES				**3 345,76**	**1,12**
Chlorpyrifos 480 EC	L	310,17	2,00	620,35	0,21
Spinetoram 250 WG	Kg	9 372,85	0,24	2 249,48	0,75
Lamda-cyhalothrin	L	212,21	0,80	169,77	0,06
Alpha-cypermethrin	L	1 020,54	0,30	306,16	0,10
HERBICIDES				**1 803,24**	**0,60**
Paraquat 200SL	L	128,35	8,00	1 026,78	0,34
Glyphosate	L	106,95	7,26	776,46	0,26
FUNGICIDES				**1 178,77**	**0,39**
Copper Oxychloride	Kg	204,40	5,00	1 022,01	0,34
Propiconazole 250 EC	L	391,89	0,40	156,75	0,05
POLLINATION				**13 499,97**	**4,50**
Beehives	Hive	1 350,00	10,00	13 499,97	4,50
CASUAL LABOUR				**6 995,97**	**2,33**
Casual Labour Pruning/Day	R/Manday	259,11	22,00	5 700,42	1,90
Casual Labour Thinning/Day	R/Manday	259,11	5,00	1 295,55	0,43
IRRIGATION & ELECTRICITY				**14 010,83**	**4,67**
Electricity[1]	kWh	2,99	4 685,90	14 010,83	4,67
B) HARVEST COSTS				**23 838,12**	**7,95**
Casual Labour Harvesting/Day	R/Manday	259,11	46,00	11 919,06	3,97
Casual Labour Packaging/Day	R/Manday	259,11	46,00	11 919,06	3,97
PACKAGING MATERIAL				**14 168,91**	**4,72**
Box (2KG)	Each	4,77	60,00	286,35	0,10
Punnet (250G)	Each	1,45	9 600,00	13 882,56	4,63
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**46 264,78**	**15,42**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**9 182,43**	**3,06**
C) PRE-HARVEST COST				
Fuel	L	18,78	2 969,99	0,99
Repairs & Maintenance			1 746,92	0,58
D) HARVEST COST				
Fuel	L	18,78	2 755,52	0,92
Repairs & Maintenance			1 709,99	0,57
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**37 082,35**	**12,36**
Interest on Working Capital			10 278,99	3,43
MARGIN ABOVE SPECIFIED COSTS			**26 803,36**	**8,93**

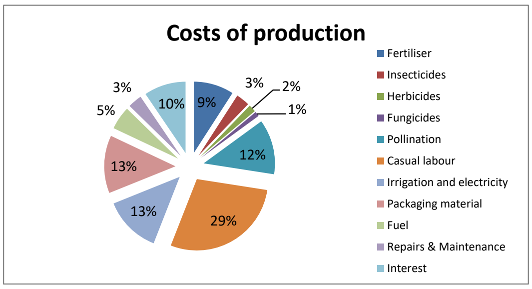
NOTES:

1. Interest Rate	10,50%
2. Growing period of Crop (Months)	12
3. Tree spcaing is 4.5m X 1.6m	

SENSITIVITY ANALYSIS

YIELD (Kg/ha)	PRICE (R/ Kg)				
YIELD CHANGE AT 10% INCREMENTS	**LESS 10%**	**LESS 5%**	**ACTUAL**	**ADD 5%**	**ADD 10%**
	R 46,28	**R 48,85**	**R 51,42**	**R 53,99**	**R 56,56**
2400,00	-R 16 389	-R 10 219	-R 4 049	R 2 122	R 8 292
2700,00	-R 2 506	R 4 436	R 11 377	R 18 319	R 25 261
3000,00	R 11 377	R 19 090	R 26 803	R 34 516	R 42 229
3300,00	R 25 261	R 33 745	R 42 229	R 50 714	R 59 198
3600,00	R 39 144	R 48 400	R 57 655	R 66 911	R 76 167
BREAKEVEN YIELD (Kg/Ha)	**2754**	**2609**	**2479**	**2361**	**2253**

Costs Of Production	R/Ha
Fertiliser	9 871,16
Insecticides	3 345,76
Herbicides	1 803,24
Fungicides	1 178,77
Pollination	13 499,97
Casual labour	30 834,09
Irrigation and electricity	14 010,83
Packaging material	14 168,91
Fuel	5 725,52
Repairs & Maintenance	3 456,91
Interest	10 278,99
TOTAL	**108 174,14**



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