Western Cape Government

AGRICULTURAL ECONOMICS SERVICES
Division: Production Economics
Tel: 021 808 5317
Private Bag X1, Elsenburg. 7607

ENTERPRISE BUDGET

Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Peaches (Yr 4 - 5)	**District**	Klein Karoo
Land Size	1 Ha	**Area**	Langkloof
Date Developed	01 March 2018	**Date Updated**	09 March 2024
Developer	Peliwe Mgudlwa	**Updater**	Nkhanedzeni Nedzungani
Soil Type	Clay-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			**27,00**	**311 662,35**	**11 543,05**
Product Income					
Peach	Ton	11 543,05	27,00	311 662,35	0,00
MARKETING COSTS					
GROSS INCOME minus MARKETING COSTS				**311 662,35**	**11 543,05**
TOTAL ALLOCATABLE VARIABLE COSTS				**190 739,91**	0,00
DIRECTLY ALLOCATABLE VARIABLE COSTS				**188 390,22**	0,00
A) PRE-HARVEST COST					
FERTILISER				**82 457,62**	
Lime Ammonium Nitrate (28)	Ton	9 972,98	2,64	26 328,66	0,00
Maxiphos 20	Ton	21 260,97	2,64	56 128,96	0,00
INSECTICIDES				**761,78**	
Alpha-cypermethrin	L	1 015,70	0,75	761,78	0,00
HERBICIDES				**7 641,06**	
Sulphur Kumulus WG	Kg	63,68	120,00	7 641,06	0,00
FUNGICIDES				**1 032,30**	
Sulphur	Kg	44,42	0,75	33,32	0,00
Potassium phosphite 400 SL	L	111,00	9,00	998,98	0,00
CASUAL LABOUR				**45 672,48**	
Casual Labour Weeding/Day	R/Manday	248,22	26,00	6 453,72	0,00
Casual Labour Fertiliser Spread/Day	R/Manday	248,22	40,00	9 928,80	0,00
Casual Labour Pruning/Day	R/Manday	248,22	80,00	19 857,60	0,00
Casual Labour Thinning/Day	R/Manday	248,22	20,00	4 964,40	0,00
Casual Labour Irrigation/Day	R/Manday	248,22	18,00	4 467,96	0,00
IRRIGATION & ELECTRICITY				**5 152,50**	
Electricity[1]	kWh	2,34	2 000,00	4 686,00	0,00
Water Levy	R/ha	466,50	1,00	466,50	0,00
B) HARVEST COST					
CASUAL LABOUR				**45 672,48**	
Casual Labour Pickers	R/Manday	248,22	60,00	14 893,20	0,00
Casual Labour Sorters	R/Manday	248,22	60,00	14 893,20	0,00
Casual Labour Quality Controllers	R/Manday	248,22	20,00	4 964,40	0,00
Casual Labour Forklift Operators	R/Manday	248,22	20,00	4 964,40	0,00
Casual labour Supervisors	R/Manday	248,22	20,00	4 964,40	0,00
Casual Labour Tractor driver/Day	R/Manday	248,22	4,00	992,88	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**123 272,13**	0,00

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**2 349,70**	0,00
C) PRE-HARVEST COST				
Fuel	L	20,33	358,12	0,00
Repairs & Maintenance			480,10	0,00
D) HARVESTING COST				
Fuel	L	20,33	920,81	0,00
Repairs & Maintenance			590,66	0,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**120 922,44**	0,00
Interest on Working Capital			22 411,94	0,00
MARGIN ABOVE SPECIFIED COSTS			**98 510,50**	0,00

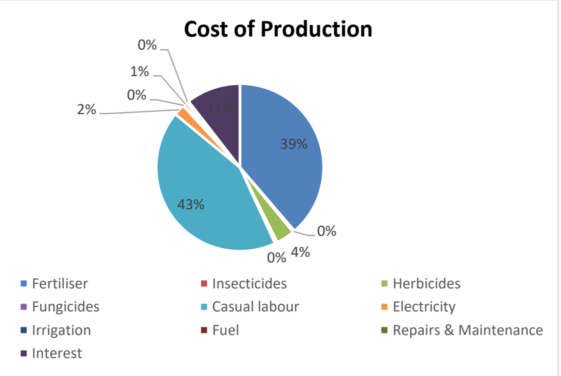
NOTES:

1. Interest Rate	11,75%
2. Growing period of Crop (months)	12

SENSITIVITY ANALYSIS

YIELD (Tons/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 10 388,75	R 10 965,90	R 11 543,05	R 12 120,20	R 12 697,36
21,60	R 11 245	R 23 712	R 36 178	R 48 645	R 61 111
24,30	R 39 295	R 53 319	R 67 344	R 81 369	R 95 394
27,00	R 67 344	R 82 927	R 98 510	R 114 094	R 129 677
29,70	R 95 394	R 112 535	R 129 677	R 146 818	R 163 960
32,40	R 123 443	R 142 143	R 160 843	R 179 543	R 198 242
BREAKEVEN YIELD (Tons/Ha)	21	19	18	18	17

Costs Of Production	R/Ha
Fertiliser	82 457,62
Insecticides	761,78
Herbicides	7 641,06
Fungicides	1 032,30
Casual labour	91 344,96
Electricity	4 686,00
Irrigation	466,50
Fuel	1 278,93
Repairs & Maintenance	1 070,76
Interest	22 411,94



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