Western Cape Government

AGRICULTURAL ECONOMIC SERVICES
Division: Production Economics
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ENTERPRISE BUDGET

Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Peaches (Yr 2)	**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			**3,50**	**40 400,68**	**40 400,68**
Product Income					
Peach	Ton	11 543,05	3,50	40 400,68	11 543,05
MARKETING COSTS					
GROSS INCOME minus MARKETING COSTS				**40 400,68**	**40 400,68**
TOTAL ALLOCATABLE VARIABLE COSTS				**118 957,83**	**33 987,95**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**117 766,33**	**33 647,52**
A) PRE-HARVEST COST					
FERTILISER				**82 457,62**	**23 559,32**
Lime Ammonium Nitrate (28)	Ton	9 972,98	2,64	26 328,66	7 522,48
Maxiphos 20	Ton	21 260,97	2,64	56 128,96	16 036,85
INSECTICIDES				**761,78**	**217,65**
Alpha-cypermethrin	L	1 015,70	0,75	761,78	217,65
HERBICIDES				**1 312,25**	**374,93**
Chlorsulfuron	Kg	2 827,93	0,12	339,35	96,96
Elfer Boron	L	108,10	9,00	972,90	277,97
FUNGICIDES				**33,32**	**9,52**
Sulphur	Kg	44,42	0,75	33,32	9,52
CASUAL LABOUR				**20 105,82**	**5 744,52**
Casual Labour Thinning/Day	R/Manday	248,22	20,00	4 964,40	1 418,40
Casual Labour Pruning/Day	R/Manday	248,22	20,00	4 964,40	1 418,40
Casual Labour Fertiliser Spread/Day	R/Manday	248,22	10,00	2 482,20	709,20
Casual Labour Irrigation/Day	R/Manday	248,22	18,00	4 467,96	1 276,56
Casual Labour Weeding/Day	R/Manday	248,22	13,00	3 226,86	921,96
B) HARVEST COSTS					
CASUAL LABOUR				**7 943,04**	**2 269,44**
Casual Labour Pickers	R/Manday	248,22	20,00	4 964,40	1 418,40
Casual Labour Sorters	R/Manday	248,22	2,00	496,44	141,84
Casual Labour Quality Controllers	R/Manday	248,22	2,00	496,44	141,84
Casual Labour Forklift Operators	R/Manday	248,22	2,00	496,44	141,84
Casual labour Supervisors	R/Manday	248,22	2,00	496,44	141,84
Casual Labour Tractor Driver/Day	R/Manday	248,22	4,00	992,88	283,68
IRRIGATION & ELECRICITY				**5 152,50**	**1 472,14**
Electricity[1]	kWh	2,34	2 000,00	4 686,00	1 338,86
Water Levy	R/ha	466,50	1,00	466,50	133,29
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**-77 365,65**	**-22 104,47**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**1 191,50**	**340,43**
C) PRE-HARVEST COST				
Fuel	L	20,33	358,12	102,32
Repairs & Maintenance			480,10	137,17
C) HARVEST COST				
Fuel	L	20,33	243,92	69,69
Repairs & Maintenance			109,35	31,24
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**-78 557,15**	**-22 444,90**
Interest on Working Capital			13 977,54	3 993,58
MARGIN ABOVE SPECIFIED COSTS			**-92 534,70**	**-26 438,48**

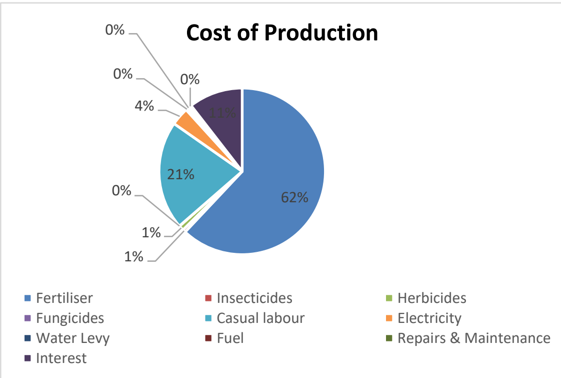
NOTES:

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**
2,80	-R 103 847	-R 102 231	-R 100 615	-R 98 999	-R 97 383
3,15	-R 100 211	-R 98 393	-R 96 575	-R 94 757	-R 92 939
3,50	-R 96 575	-R 94 555	-R 92 535	-R 90 515	-R 88 495
3,85	-R 92 939	-R 90 717	-R 88 495	-R 86 273	-R 84 051
4,20	-R 89 303	-R 86 879	-R 84 455	-R 82 031	-R 79 606
BREAKEVEN YIELD (Tons/Ha)	**13**	**12**	**12**	**11**	**10**

Costs Of Production	R/Ha
Fertiliser	82 457,62
Insecticides	761,78
Herbicides	1 312,25
Fungicides	33,32
Casual labour	28 048,86
Electricity	4 686,00
Water Levy	466,50
Fuel	602,04
Repairs & Maintenance	589,45
Interest	13 977,54



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