Western Cape Government

AGRICULTURAL ECONOMICS SERVICES
Division: Production Economics
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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**	21 February 2025
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**	**500 823,00**	**18 549,00**
Product Income					
Peach	Ton	18 549,00	27,00	500 823,00	0,00
MARKETING COSTS	12,50%			**62 602,88**	**2 318,63**
GROSS INCOME minus MARKETING COSTS				**438 220,13**	**16 230,38**
TOTAL ALLOCATABLE VARIABLE COSTS				**179 055,03**	0,00
DIRECTLY ALLOCATABLE VARIABLE COSTS				**176 805,60**	0,00
A) PRE-HARVEST COST					
FERTILISER				**64 531,39**	
Lime Ammonium Nitrate (28)	Ton	9 252,21	2,64	24 425,83	0,00
Maxiphos 20	Ton	15 191,50	2,64	40 105,56	0,00
INSECTICIDES				**765,41**	
Alpha-cypermethrin	L	1 020,54	0,75	765,41	0,00
HERBICIDES				**8 674,68**	
Sulphur Kumulus WG	Kg	72,29	120,00	8 674,68	0,00
FUNGICIDES				**1 035,14**	
Sulphur	Kg	48,21	0,75	36,16	0,00
Potassium phosphite 400 SL	L	111,00	9,00	998,98	0,00
CASUAL LABOUR				**47 676,24**	
Casual Labour Weeding/Day	R/Manday	259,11	26,00	6 736,86	0,00
Casual Labour Fertiliser Spread/Day	R/Manday	259,11	40,00	10 364,40	0,00
Casual Labour Pruning/Day	R/Manday	259,11	80,00	20 728,80	0,00
Casual Labour Thinning/Day	R/Manday	259,11	20,00	5 182,20	0,00
Casual Labour Irrigation/Day	R/Manday	259,11	18,00	4 663,98	0,00
IRRIGATION & ELECTRICITY				**6 446,50**	
Electricity[1]	kWh	2,99	2 000,00	5 980,00	0,00
Water Levy	R/ha	466,50	1,00	466,50	0,00
B) HARVEST COST					
CASUAL LABOUR				**47 676,24**	
Casual Labour Pickers	R/Manday	259,11	60,00	15 546,60	0,00
Casual Labour Sorters	R/Manday	259,11	60,00	15 546,60	0,00
Casual Labour Quality Controllers	R/Manday	259,11	20,00	5 182,20	0,00
Casual Labour Forklift Operators	R/Manday	259,11	20,00	5 182,20	0,00
Casual labour Supervisors	R/Manday	259,11	20,00	5 182,20	0,00
Casual Labour Tractor driver/Day	R/Manday	259,11	4,00	1 036,44	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**261 414,52**	0,00

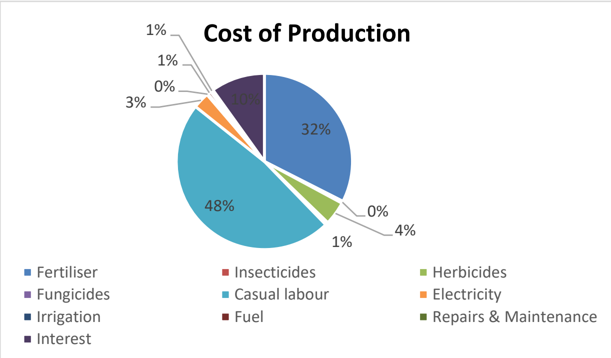
INDIRECTLY ALLOCATABLE VARIABLE COSTS			**2 249,42**	0,00
C) PRE-HARVEST COST				
Fuel	L	18,73	330,04	0,00
Repairs & Maintenance			480,10	0,00
D) HARVESTING COST				
Fuel	L	18,73	848,62	0,00
Repairs & Maintenance			590,66	0,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**259 165,10**	0,00
Interest on Working Capital			19 696,05	0,00
MARGIN ABOVE SPECIFIED COSTS			**239 469,05**	0,00

NOTES:	
1. Interest Rate	11,00%
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 16 694,10	**R 17 621,55**	**R 18 549,00**	**R 19 476,45**	**R 20 403,90**
21,60	R 99 239	R 119 272	R 139 304	R 159 337	R 179 370
24,30	R 144 313	R 166 850	R 189 387	R 211 924	R 234 461
27,00	R 189 387	R 214 428	R 239 469	R 264 510	R 289 551
29,70	R 234 461	R 262 006	R 289 551	R 317 097	R 344 642
32,40	R 279 535	R 309 584	R 339 634	R 369 683	R 399 732
BREAKEVEN YIELD (Tons/Ha)	**16**	**15**	**14**	**13**	**13**

Costs Of Production	R/Ha
Fertiliser	64 531,39
Insecticides	765,41
Herbicides	8 674,68
Fungicides	1 035,14
Casual labour	95 352,48
Electricity	5 980,00
Irrigation	466,50
Fuel	1 178,66
Repairs & Maintenance	1 070,76
Interest	19 696,05



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