Western Cape Government

AGRICULTURAL ECONOMIC SERVICES
Division: Production Economics
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ENTERPRISE BUDGET

Classification	Fruit	**Province**	Western Cape
Enterprise Budget Name	Nectarine (Yr 2)	**District**	Little Karoo
Land Size	1 Hectare	**Area**	Langkloof
Date Developed	20 February 2024	**Date Updated**	06 March 2025
Developer	Sinovuyo Magqibelo	**Updater**	Sinovuyo Magqibelo
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			**4,62**	**67 793,88**	**14 674,00**
Product Income					
Nectarine	Ton	14 674,00	4,62	67 793,88	14 674,00
MARKETING COSTS	Ton	0,00	4,62	0,00	0,00
GROSS INCOME minus MARKETING COSTS				**67 793,88**	**14 674,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**64 106,27**	**13 875,82**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**63 431,01**	**13 729,66**
A) PRE-HARVEST COST					
FERTILISER				**9 878,82**	**2 138,27**
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,30	2 774,55	600,55
3:1:5 (38)	Ton	14 020,00	0,30	4 206,00	910,39
Maxiphos 20	Ton	15 191,50	0,17	2 530,90	547,81
Solubor	L	73,47	5,00	367,36	79,52
INSECTICIDES				**765,41**	**165,67**
Alpha-cypermethrin	L	1 020,54	0,75	765,41	165,67
HERBICIDES				**2 669,65**	**577,85**
Paraquat 200SL	L	128,35	4,00	513,39	111,12
Chlorsulfuron	Kg	2 395,84	0,90	2 156,26	466,72
FUNGICIDES				**1 653,35**	**357,87**
Mancozeb 800WP	Kg	107,81	15,00	1 617,19	350,04
Sulphur	Kg	48,21	0,75	36,16	7,83
CASUAL LABOUR				**20 728,80**	**4 486,75**
Casual Labour Thinning/Day	R/Manday	259,11	30,00	7 773,30	1 682,53
Casual Labour Pruning/Day	R/Manday	259,11	40,00	10 364,40	2 243,38
Casual Labour Fertiliser Spread/Day	R/Manday	259,11	10,00	2 591,10	560,84
B) HARVEST COSTS					
CASUAL LABOUR				**4 663,98**	**1 009,52**
Casual Labour Pickers	R/Manday	259,11	14,00	3 627,54	785,18
Casual Labour Sorters	R/Manday	259,11	1,00	259,11	56,08
Casual Labour Quality Controllers	R/Manday	259,11	1,00	259,11	56,08
Casual Labour Forklift Operators	R/Manday	259,11	1,00	259,11	56,08
Casual labour Supervisors	R/Manday	259,11	1,00	259,11	56,08
					0,00
PACKAGING MATERIAL				**23 071,00**	**4 993,72**
Box (2.8Kg) Nectarines	Each	9,74	1 650,00	16 071,00	3 478,57
Storage and Cooling	Pellet	700,00	10,00	7 000,00	1 515,15
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**4 362,87**	**944,34**

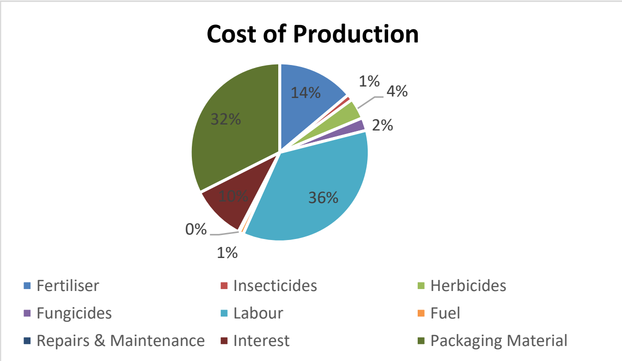
INDIRECTLY ALLOCATABLE VARIABLE COSTS			**675,26**	**146,16**
C) PRE-HARVEST COST				
Fuel	L	18,73	355,22	76,89
Repairs & Maintenance			132,87	28,76
D) HARVEST COSTS				
Fuel	L	18,73	173,10	37,47
Repairs & Maintenance			14,08	3,05
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**3 687,61**	**798,18**
Interest on Working Capital			7 051,69	1 526,34
MARGIN ABOVE SPECIFIED COSTS			**-3 364,08**	**-728,16**

NOTES:	
Interest Rate	11,00%
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 13 206,60	**R 13 940,30**	**R 14 674,00**	**R 15 407,70**	**R 16 141,40**
3,70	-R 22 346	-R 19 635	-R 16 923	-R 14 211	-R 11 499
4,16	-R 16 245	-R 13 194	-R 10 143	-R 7 093	-R 4 042
4,62	-R 10 143	-R 6 754	-R 3 364	R 26	R 3 415
5,08	-R 4 042	-R 313	R 3 415	R 7 144	R 10 873
5,54	R 2 059	R 6 127	R 10 195	R 14 262	R 18 330
BREAKEVEN YIELD (Tons/Ha)	**5**	**5**	**5**	**5**	**4**

Costs Of Production	**R/Ha**
Fertiliser	9 878,82
Insecticides	765,41
Herbicides	2 669,65
Fungicides	1 653,35
Labour	25 392,78
Fuel	528,32
Repairs & Maintenance	146,95
Interest	7 051,69
Packaging Material	23 071,00



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