Western Cape Government

AGRICULTURAL ECONOMICS SERVICES
Division: Production Economics
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ENTERPRISE BUDGET			
Classification	Nuts	**Province**	Western Cape
Enterprise Budget Name	Macadamias (Y1) (High density)	**District**	Garden Route
Land Size	1 Hectare	**Area**	George/Groot-Brak
Date Developed	03 September 2024	**Date Updated**	22 September 2025
Developer	Blanche Williams/Nkhanedzeni Nedzungani	**Updater**	Blanche William:
Soil Type	Sandy-clay		

Use this enterprise budget as an aid in the planning process.

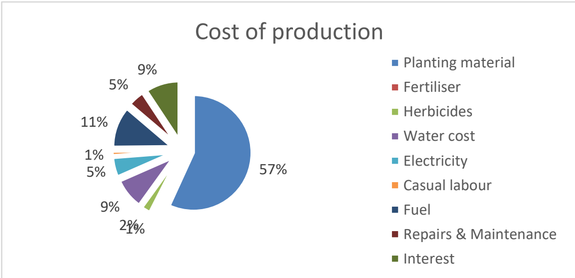
	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			**0,00**	**0,00**	**0,00**
Product Income					
Macadamia nuts	Ton	50 000,00	0,00	0,00	0,00
MARKETING COSTS	Ton	50 000,00	0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				**0,00**	**0,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**53 519,84**	**0,00**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**44 166,49**	**0,00**
A) PRE-HARVEST COST					
PLANTING MATERIAL				**33 521,86**	**0,00**
Macadamia nut tree	Tree	85,00	384,00	32 638,66	0,00
Macadamia stem cover	Stem cover	2,30	384,00	883,20	0,00
FERTILISER				**407,44**	**0,00**
Ammonium Sulphate	Ton	7 466,72	0,02	112,00	0,00
Potassium Sulphate	Ton	19 696,05	0,02	295,44	0,00
HERBICIDES				**1 437,96**	**0,00**
Glufosinate Ammonium	L	119,83	12,00	1 437,96	0,00
WATER COSTS				**5 000,00**	**0,00**
Water expenses	Ha	5 000,00	1,00	5 000,00	0,00
ELECTRICITY COSTS				**3 151,46**	**0,00**
Electricity[1]	kWh	2,99	1 054,00	3 151,46	0,00
CASUAL LABOUR				**647,78**	**0,00**
Casual Labour Planting/Day	R/Manday	259,11	2,50	647,78	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**-44 166,49**	**0,00**
INDIRECTLY ALLOCATABLE VARIABLE COSTS				**9 353,35**	**0,00**
C) PRE-HARVEST COST					
Fuel	L	18,78		6718,93	0,00
Repairs & Maintenance				2634,42	0,00
D) HARVEST COSTS					
Fuel	L	18,78		0,00	0,00
Repairs & Maintenance				0,00	0,00
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS				**-53 519,84**	**0,00**
Interest on Working Capital				5 485,78	0,00
MARGIN ABOVE SPECIFIED COSTS				**-59 005,63**	**0,00**

NOTES:	
Interest Rate	10,25%
Growing period of Crop (Months)	12
Inter row spacing (m)	6,83
Intra-row spacing (m)	3,91
Tree replacement %	2,5%

SENSITIVITY ANALYSIS

YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 45 000	**R 47 500**	**R 50 000**	**R 52 500**	**R 55 000**
0,00	-R 59 006	-R 59 006	-R 59 006	-R 59 006	-R 59 006
0,00	-R 59 006	-R 59 006	-R 59 006	-R 59 006	-R 59 006
0,00	-R 59 006	-R 59 006	-R 59 006	-R 59 006	-R 59 006
0,00	-R 59 006	-R 59 006	-R 59 006	-R 59 006	-R 59 006
0,00	-R 59 006	-R 59 006	-R 59 006	-R 59 006	-R 59 006
BREAKEVEN YIELD (Ton/Ha)	**1,31**	**1,24**	**1,18**	**1,12**	**1,07**

Costs Of Production	R/Ha
Planting material	33 521,86
Fertiliser	407,44
Herbicides	1 437,96
Water cost	5 000,00
Electricity	3 151,46
Casual labour	647,78
Fuel	6718,93
Repairs & Maintenance	2634,42
Interest	5 485,78



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