'

Western Cape Government

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

ENTERPRISE BUDGET			
Classification	Nuts	**Province**	Western Cape
Enterprise Budget Name	Macadamia nuts(Y3) (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 Williams
Soil Type	Sandy-clay		

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

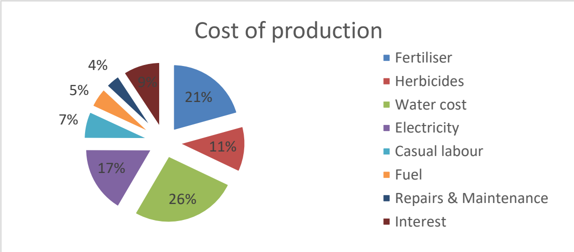
	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			**0,00**	**0,00**	**0,00**
Product Income					
Macadamia nuts	Ton	50 000,00	0,00	0,00	0,00
MARKETING COSTS	Ton	50 000,00	0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				**0,00**	**0,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**17 196,55**	**0,00**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**15 526,33**	**0,00**
A) PRE-HARVEST COST					
FERTILISER				**3 922,38**	**0,00**
Potassium Sulphate	Ton	19 696,05	0,05	984,80	0,00
Ammonium Sulphate	Ton	7 466,72	0,20	1 493,34	0,00
Lime Ammonium Nitrate (28)	Ton	9 252,21	0,15	1 387,83	0,00
Microelements	L	188,00	0,30	56,40	0,00
HERBICIDES				**2 156,94**	**0,00**
Glufosinate Ammonium	L	119,83	18,00	2 156,94	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				**1 295,55**	**0,00**
Casual Labour Weeding/Day	R/Manday	259,11	5,00	1 295,55	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**-15 526,33**	**0,00**
INDIRECTLY ALLOCATABLE VARIABLE COSTS				**1 670,23**	**0,00**
C) PRE-HARVEST COST					
Fuel	L	18,78		958,08	0,00
Repairs & Maintenance				712,15	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				**-17 196,55**	**0,00**
Interest on Working Capital				1 762,65	0,00
MARGIN ABOVE SPECIFIED COSTS				**-18 959,20**	**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 18 959	-R 18 959	-R 18 959	-R 18 959	-R 18 959
0,00	-R 18 959	-R 18 959	-R 18 959	-R 18 959	-R 18 959
0,00	-R 18 959	-R 18 959	-R 18 959	-R 18 959	-R 18 959
0,00	-R 18 959	-R 18 959	-R 18 959	-R 18 959	-R 18 959
0,00	-R 18 959	-R 18 959	-R 18 959	-R 18 959	-R 18 959
BREAKEVEN YIELD (Ton/Ha)	**0,42**	**0,40**	**0,38**	**0,36**	**0,34**

Costs Of Production	R/Ha
Fertiliser	3 922,38
Herbicides	2 156,94
Water cost	5 000,00
Electricity	3 151,46
Casual labour	1 295,55
Fuel	958,08
Repairs & Maintenance	712,15
Interest	1 762,65



Disclaimer
The Western Cape Department of Agriculture prepared this data/ information as accurately as possible. However, as this document