Western Cape Government

AGRICULTURAL ECONOMICS SERVICES
Division: Production Economics
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ENTERPRISE BUDGET			
Classification	Apiculture	**Province**	Western Cape
Enterprise Budget Name	Honey bees	**District**	Cape Winelands
Hive number	168	**Area**	Koue Bokkeveld
Date Developed	18 March 2016	**Date Updated**	12 June 2024
Developer	Mzwanele Lingani	**Updater**	Nedzungani Nkhanedzeni
Soil Type	N/A		

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

	Unit	Price Per Unit	Quantity	Per 168 Hives	Value Per Yield Unit
GROSS INCOME			**2 520,00**	**138 600,00**	**55,00**
Product Income					
Honey	Kg	55,00	2 520,00	138 600,00	55,00
MARKETING COSTS				**0,00**	**0,00**
GROSS INCOME minus MARKETING COSTS				**138 600,00**	**55,00**
TOTAL ALLOCATABLE VARIABLE COSTS				**59 281,04**	**23,52**
DIRECTLY ALLOCATABLE VARIABLE COSTS				**56 334,79**	**22,36**
A)PRE-HARVEST COST					
PESTICIDES				**6 436,70**	
Anti Ant (Pro Tek)	G	1,69	1 200,00	2 028,00	0,80
Blue Death (Doom)	G	0,44	10 000,00	4 408,70	1,75
EXTRACTION				**37 800,00**	
Extraction cost	Each	15,00	2 520,000	37 800,00	15,00
LABOUR				**6 619,20**	
Casual Labour Bee-Hive Management	R/Manhour	27,58	240,00	6 619,20	2,63
TRANSPORT TO BUY INPUTS/HIVE MANAGEMENT				**2 169,30**	
Transport cost	Km	1,87	1 160,00	2 169,30	0,86
B) HARVEST COSTS				**3 309,60**	
Casual Labour Harvesting/Hour	R/Manhour	27,58	120,00	3 309,60	1,31
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				**82 265,21**	**32,64**

INDIRECTLY ALLOCATABLE VARIABLE COSTS			**2 946,25**	**1,17**
C)PRE-HARVEST COST				
Fuel	L	20,33	-	0,00
Repairs & Maintenance			-	0,00
D) HARVEST COSTS			**2946,25**	
Fuel	L	20,33	1671,25	0,66
Repairs & Maintenance			1275,00	0,51
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			**79 318,96**	**31,48**
Interest on Working Capital			2 902,30	1,15
MARGIN ABOVE SPECIFIED COSTS			**76 416,66**	**30,32**

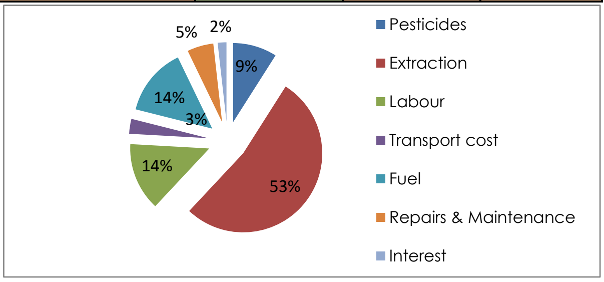
NOTES:

Interest Rate	11,75%
Harvesting period (Months)	5

SENSITIVITY ANALYSIS

YIELD (KG/168 Beehives)	PRICE (R/Kg)				
YIELD CHANGE AT 10% INCREMENTS	**LESS 10%**	**LESS 5%**	**ACTUAL**	**ADD 5%**	**ADD 10%**
	R 50	**R 52**	**R 55**	**R 58**	**R 61**
2016,00	R 37 609	R 43 153	R 48 697	R 54 241	R 59 785
2268,00	R 50 083	R 56 320	R 62 557	R 68 794	R 75 031
2520,00	R 62 557	R 69 487	R 76 417	R 83 347	R 90 277
2772,00	R 75 031	R 82 654	R 90 277	R 97 900	R 105 523
3024,00	R 87 505	R 95 821	R 104 137	R 112 453	R 120 769
BREAKEVEN YIELD (KG/168 Hives)	**1197,60**	**1134,57**	**1 077,84**	**1 026,51**	**979,85**

Costs Of Production	R/168 Hives
Pesticides	6 436,70
Extraction	37 800,00
Labour	9 928,80
Transport cost	2 169,30
Fuel	9 928,80
Repairs & Maintenance	3840,54
Interest	1275,00



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