

ENTERPRISE BUDGET

Classification	<i>Crocus sativus</i>	Province	South Africa
Enterprise Budget Name	Saffron- Year 2	District	South Africa
Land Size	1 Hectare	Area	Calvinia/ Williston/Touwsriver
Date Developed	31 May 2022	Latest update	14 June 2023
Developer	Lingani, M/Mtshiselwa, Z	Updater	Mtshiselwa Z
Soil Type	Sandy Loam		

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

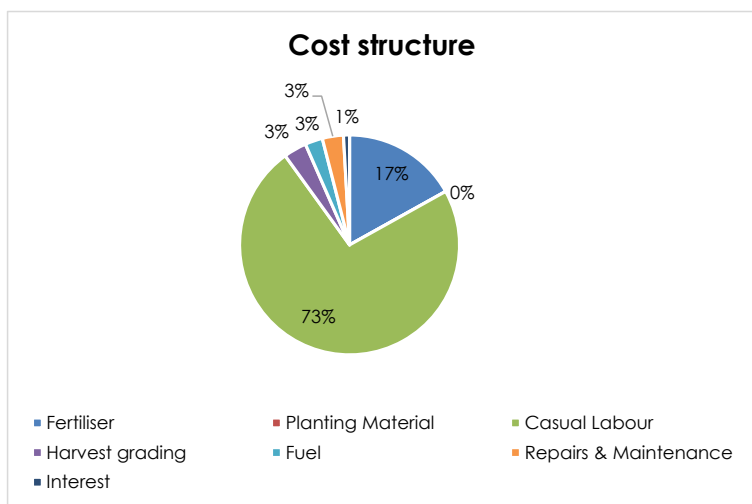
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			6 281,00	934 612,80	148,80
Product Income					
Saffron export (95%)	G	154,00	5 966,95	918 910,30	146,30
Saffron local (5%)	G	50,00	314,05	15 702,50	2,50
MARKETING COSTS Fresh Market	0,0%		0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				934 612,80	148,80
TOTAL ALLOCATABLE VARIABLE COSTS				61 525,14	9,80
DIRECTLY ALLOCATABLE VARIABLE COSTS				58 164,84	9,26
A) PRE-HARVEST COST					
FERTILISER				2 254,00	0,11
Flamma	L	149,50	4,00	598,00	0,10
Flower Power	L	161,00	6,00	966,00	0,15
K-Phloem	L	115,00	6,00	690,00	0,11
HERBICIDES				0,00	0,00
PESTICIDES/INSECTICIDES				0,00	0,00
FUNGICIDES				0,00	0,00
B) HARVEST COSTS				39 604,36	6,31
Casual Labour Harvesting/Hour	R/Manhour	25,42	1 558,00	39 604,36	6,31
GRADING & TESTING				2 000,00	0,32
Harvest grading	R/Ha	2 000,00	1,00	2 000,00	0,32
PACKAGING MATERIAL				306,48	0,00
Glass Jar	Jar	23,575	13,00	306,48	0,00
ELECTRICITY COST				14 000,00	0,00
Electricity	R/Month	2 000,00	7,00	14 000,00	0,00
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				876 447,97	139,54

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 360,31	0,53
C) PRE-HARVEST COST			0,00	0,00
Fuel	L	20,11	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS			3 360,31	0,53
Fuel	L	20,11	1 524,45	0,24
Repairs & Maintenance			1 835,86	0,29
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			873 087,66	139,00
Interest on Working Capital			783,16	0,12
MARGIN ABOVE SPECIFIED COSTS			872 304,50	138,88

NOTES:	
Interest Rate	11,75%
Growing period of Crop (Month)	1,3
Plants spacing	15 cm between rows & 11.1 cm between plants
Plant mortality	2%

SENSITIVITY ANALYSIS					
YIELD (G/ha)	PRICE (R/G)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 133,92	R 141,36	R 148,80	R 156,24	R 163,68
5 024,80	610 613	647 997	685 382	722 766	760 151
5 652,90	694 728	736 786	778 843	820 901	862 958
6 281,00	778 843	825 574	872 304	919 035	965 766
6 909,10	862 958	914 362	965 766	1 017 169	1 068 573
7 537,20	947 074	1 003 150	1 059 227	1 115 304	1 171 381
BREAKEVEN YIELD (KG/Ha)	465,27	440,78	418,74	398,80	380,67

Costs Of Production	R/Ha
Fertiliser	2 254,00
Planting Material	0,00
Casual Labour	39 604,36
Harvest grading	2 000,00
Fuel	1 524,45
Repairs & Maintenance	1 835,86
Interest	783,16



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