

ENTERPRISE BUDGET

Classification	<i>Crocus sativus</i>	Province	South Africa
Enterprise Budget Name	Saffron- Year 3	District	South Africa
Land Size	1 Hectare	Area	Calvinia/ Williston/Touwsriver
Date Developed	31 May 2022	Latest update	24 May 2024
Developer	Lingani, M/Mtshiselwa, Z	Updater	Ziyanda Poswa
Soil Type	Sandy Loam		

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

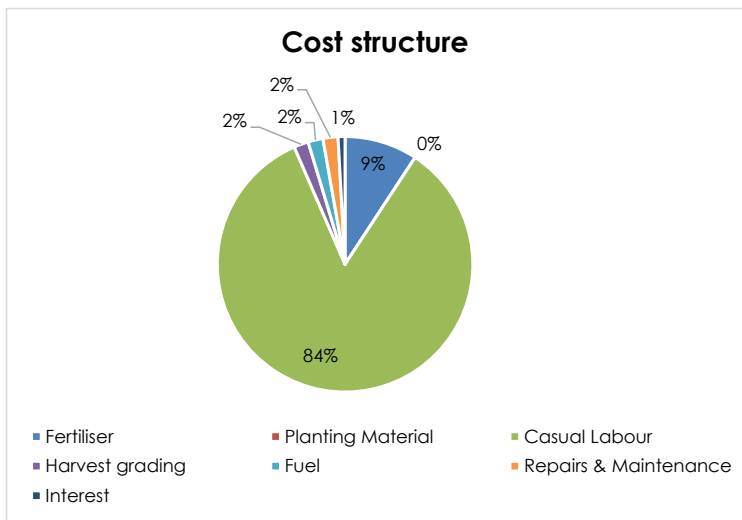
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			11 172,00	1 653 456,00	148,00
Product Income					
Saffron	g	148,00	11 172,00	1 653 456,00	148,00
MARKETING COSTS Fresh Market	0,0%		0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				1 653 456,00	148,00
TOTAL ALLOCATABLE VARIABLE COSTS				113 374,55	10,15
DIRECTLY ALLOCATABLE VARIABLE COSTS				109 997,90	9,85
A) PRE-HARVEST COST					
FERTILISER				2 254,00	0,06
Flamma	L	149,50	4,00	598,00	0,05
Flower Power	L	161,00	6,00	966,00	0,09
K-Phloem	L	115,00	6,00	690,00	0,06
HERBICIDES				0,00	0,00
PESTICIDES/INSECTICIDES				0,00	0,00
FUNGICIDES				0,00	0,00
B) HARVEST COSTS				91 220,85	8,17
Casual Labour Harvesting/Hour	R/Manhour	27,58	3 307,50	91 220,85	8,17
GRADING & TESTING				2 000,00	0,18
Harvest grading	R/Ha	2 000,00	1,00	2 000,00	0,18
PACKAGING MATERIAL				565,80	0,00
Glass Jar	Jar	23,575	24,00	565,80	0,00
ELECTRICITY COST				13 957,25	0,00
Electricity ¹	kWh	2,34	5 957,00	13 957,25	1,25
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				1 543 458,10	138,15

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 376,65	0,30
C) PRE-HARVEST COST			0,00	0,00
Fuel	L	20,33	0,00	0,00
Repairs & Maintenance			0,00	0,00
D) HARVEST COSTS			3 376,65	0,30
Fuel	L	20,33	1 540,79	0,14
Repairs & Maintenance			1 835,86	0,16
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			1 540 081,45	137,85
Interest on Working Capital			1 443,16	0,13
MARGIN ABOVE SPECIFIED COSTS			1 538 638,29	137,72

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 133,20	R 140,60	R 148,00	R 155,40	R 162,80
8 937,60	1 075 671	1 141 809	1 207 947	1 274 085	1 340 224
10 054,80	1 224 482	1 298 887	1 373 293	1 447 698	1 522 104
11 172,00	1 373 293	1 455 965	1 538 638	1 621 311	1 703 984
12 289,20	1 522 104	1 613 044	1 703 984	1 794 924	1 885 864
13 406,40	1 670 915	1 770 122	1 869 329	1 968 537	2 067 744
BREAKEVEN YIELD (KG/Ha)	861,99	816,63	775,80	738,85	705,27

Costs Of Production	R/Ha
Fertiliser	2 254,00
Planting Material	0,00
Casual Labour	91 220,85
Harvest grading	2 000,00
Fuel	1 540,79
Repairs & Maintenance	1 835,86
Interest	1 443,16



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