

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	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.

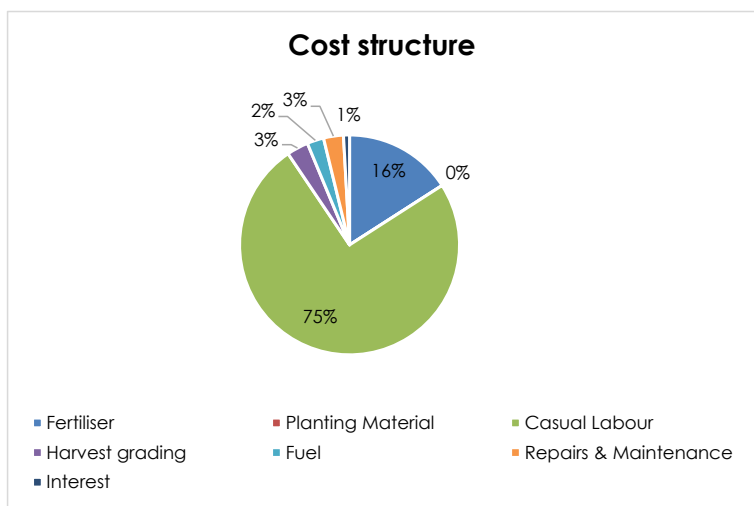
Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
GROSS INCOME			6 281,00	929 588,00	148,00
Product Income					
Saffron	g	148,00	6 281,00	929 588,00	148,00
MARKETING COSTS Fresh Market	0,0%		0,00	0,00	0,00
GROSS INCOME minus MARKETING COSTS				929 588,00	148,00
TOTAL ALLOCATABLE VARIABLE COSTS				64 864,01	10,33
DIRECTLY ALLOCATABLE VARIABLE COSTS				61 487,37	9,79
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				42 969,64	6,84
Casual Labour Harvesting/Hour	R/Manhour	27,58	1 558,00	42 969,64	6,84
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				13 957,25	0,00
Electricity ¹	kWh	2,34	5 957,00	13 957,25	2,22
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				868 100,63	138,21

INDIRECTLY ALLOCATABLE VARIABLE COSTS			3 376,65	0,54
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	0,54
Fuel	L	20,33	1 540,79	0,25
Repairs & Maintenance			1 835,86	0,29
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			864 723,99	137,67
Interest on Working Capital			825,66	0,13
MARGIN ABOVE SPECIFIED COSTS			863 898,32	137,54

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%

<u>SENSITIVITY ANALYSIS</u>					
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
5 024,80	603 614	640 797	677 981	715 164	752 348
5 652,90	687 277	729 108	770 940	812 771	854 602
6 281,00	770 940	817 419	863 898	910 378	956 857
6 909,10	854 602	905 730	956 857	1 007 984	1 059 112
7 537,20	938 265	994 041	1 049 816	1 105 591	1 161 366
BREAKEVEN YIELD (KG/Ha)	493,17	467,21	443,85	422,71	403,50

Costs Of Production	R/Ha
Fertiliser	2 254,00
Planting Material	0,00
Casual Labour	42 969,64
Harvest grading	2 000,00
Fuel	1 540,79
Repairs & Maintenance	1 835,86
Interest	825,66



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