

ENTERPRISE BUDGET

Classification	Agronomy	Province	Western Cape
Enterprise Budget Name	Barley (Dry land)	District	Overberg
Land Size	1 Hectare	Area	Cape Agulhas/Swellendam
Date Developed	12 February 2020	Latest update	31 October 2025
Developer	Sinovuyo Magqibelo	Updater	Sinovuyo Magqibelo
Soil Type	Sandy-Clay		

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			4,40	27 280,00	6 200,00
Product Income					
Barley	Ton	6 200,00	4,40	27 280,00	6 200,00
MARKETING COSTS Market					
GROSS INCOME minus MARKETING COSTS				27 280,00	6 200,00
TOTAL ALLOCATABLE VARIABLE COSTS				14 855,40	3 376,23
DIRECTLY ALLOCATABLE VARIABLE COSTS				10 272,28	2 334,61
A) PRE-HARVEST COST					
PLANTING MATERIAL				1 134,71	257,89
Barley Seed	Kg	17,46	65,00	1 134,71	257,89
FERTILISER				5 299,02	1 204,32
Mono Ammonium Phosphate	Ton	25 829,00	0,15	3 874,35	880,53
1:0:0 (40) +6% S	Kg	11,87	120,00	1 424,67	323,79
HERBICIDES				1 309,43	297,60
Pyroxasulfone	L	174,08	0,50	87,04	19,78
MCPA	L	106,95	0,50	53,48	12,15
Pinoxaden	L	847,10	0,80	677,68	154,02
Trifluralin	L	150,74	1,80	271,33	61,66
Glyphosate 360 SL	L	56,47	2,00	112,95	25,67
Metolachlor	L	213,91	0,50	106,96	24,31
PESTICIDES/INSECTICIDES				999,73	227,21
Acetamiprid	Kg	292,64	0,20	58,53	13,30
Omethoate	L	684,52	1,00	684,52	155,57
Dimethoate 400 EC	L	171,12	1,50	256,68	58,34
FUNGICIDES				1 529,40	347,59
Pyraclostrobin	L	1 310,35	1,00	1 310,35	297,81
Tebuconazole 250 EW	L	547,62	0,40	219,05	49,78
GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS				17 007,72	3 865,39

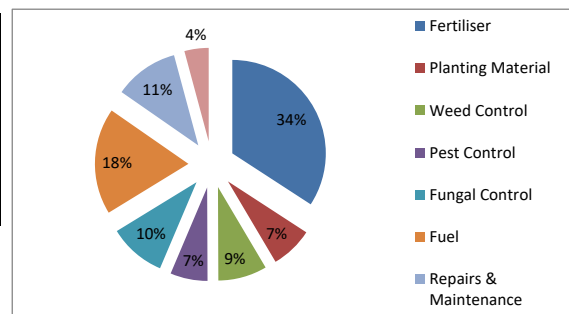
INDIRECTLY ALLOCATABLE VARIABLE COSTS			4 583,13	1 041,62
B) PRE-HARVEST COST				
Fuel	L	18,78	1 274,44	289,65
Repairs & Maintenance			752,22	170,96
C) HARVEST COSTS				
Fuel	L	18,78	1 580,78	359,27
Repairs & Maintenance			975,68	221,75
GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS			12 424,60	2 823,77
Interest on Working Capital			649,92	147,71
MARGIN ABOVE SPECIFIED COSTS			11 774,67	2 676,06

NOTES:

Interest Rate 10,50%
Growing period of Crop (Months) 5

SENSITIVITY ANALYSIS					
YIELD (Ton/ha)	PRICE (R/Ton)				
YIELD CHANGE AT 10% INCREMENTS	LESS 10%	LESS 5%	ACTUAL	ADD 5%	ADD 10%
	R 5 580,00	R 5 890,00	R 6 200,00	R 6 510,00	R 6 820,00
3,52	R 4 136	R 5 227	R 6 319	R 7 410	R 8 501
3,96	R 6 591	R 7 819	R 9 047	R 10 274	R 11 502
4,40	R 9 047	R 10 411	R 11 775	R 13 139	R 14 503
4,84	R 11 502	R 13 002	R 14 503	R 16 003	R 17 503
5,28	R 13 957	R 15 594	R 17 231	R 18 867	R 20 504
BREAKEVEN YIELD (Ton/Ha)	2,78	2,63	2,50	2,38	2,27

Costs Of Production	R/Ha
Fertiliser	5 299,02
Planting Material	1 134,71
Weed Control	1 309,43
Pest Control	999,73
Fungal Control	1 529,40
Fuel	2 855,22
Repairs & Maintenance	1 727,91
Interest	649,92



Disclaimer

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