



**ENTERPRISE BUDGET**

<b>Classification</b>	Vegetable	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Spinach	<b>District</b>	Cape Metropole
<b>Land Size</b>	1 Hectare	<b>Area</b>	Kuilsriver/Kraaifontein
<b>Date Developed</b>	31 May 2015	<b>Latest update</b>	16 July 2021
<b>Developer</b>	Peliwe Mgudlwa	<b>Updater</b>	Ziyanda Mtshiselwa
<b>Soil Type</b>	Sandy		

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

Description	Unit	Price Per Unit	Quantity	Per Ha	Value Per Yield Unit
<b>GROSS INCOME</b>			<b>35,00</b>	<b>504 422,10</b>	<b>14 412,06</b>
<b>Product Income</b>					
Spinach	Ton	14 412,06	35,00	504 422,10	14 412,06
<b>MARKETING COSTS Market</b>	12,5%			63 052,76	1 801,51
<b>GROSS INCOME minus MARKETING COSTS</b>				<b>441 369,34</b>	<b>12 610,55</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>120 315,91</b>	<b>3 437,60</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>117 766,47</b>	<b>3 364,76</b>
<b>A) PRE-HARVEST COST</b>					
<b>PLANTING MATERIAL</b>					
Spinach Seedlings	Seedlings	0,72	60 000,00	43 125,00	1 232,14
<b>FERTILISER</b>					
3:1:5 (38)	Ton	7 160,91	1,50	10 741,37	306,90
Lime Ammonium Nitrate (28)	Ton	6 461,62	1,93	12 470,93	356,31
Turbo-31 10:1:5	Ton	6 393,20	0,39	2 518,92	71,97
Potassium (K)	Ton	6 611,35	0,39	2 604,87	74,42
<b>HERBICIDES</b>					
Paraquat 200SL	L	68,57	5,00	342,87	9,80
Diquat 80/Paraquat 120 SL	L	114,39	1,00	114,39	3,27
<b>PESTICIDES/INSECTICIDES</b>					
Mevinphos 500 SL	L	1 035,00	0,15	155,25	4,44
Deltamethrin 25 EC	L	221,00	0,08	17,68	0,51
Buffer / alkylated phenol-ethylene oxide	L	38,30	0,60	22,98	0,66
<b>FUNGICIDES</b>					
Tebuconazole 250 EW	L	443,90	0,25	110,98	3,17
<b>CASUAL LABOUR</b>					
Casual Labour Planting/Hour	R/Manhour	21,69	96,00	2 082,24	59,49
Casual Labour Fertiliser Spread/Hour	R/Manhour	21,69	2,00	43,38	1,24
<b>IRRIGATION &amp; ELECRCITY</b>					0,00
<b>B) HARVEST COSTS</b>					
Casual Labour Harvesting/Day	R/Manday	195,21	213,44	41 665,62	1 190,45
<b>PACKAGING MATERIAL</b>					
String	Each	0,05	35000	1 750,00	50,00
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>323 602,87</b>	<b>9 245,80</b>

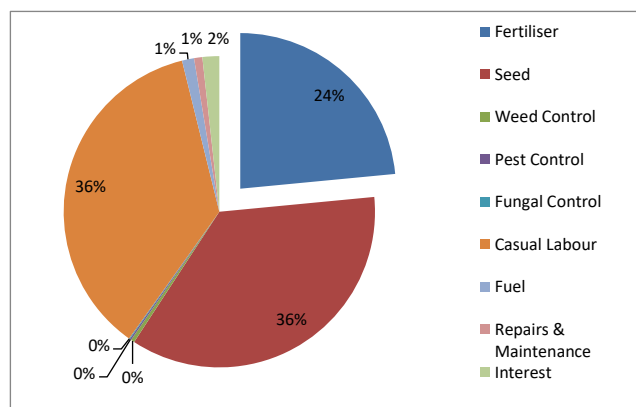
<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>			<b>2 549,44</b>	<b>72,84</b>
<b>C) PRE-HARVEST COST</b>				
Fuel	L	14,06	1 272,09	36,35
Repairs & Maintenance			703,54	20,10
<b>D) HARVEST COSTS</b>				
Fuel	L	14,06	240,02	6,86
Repairs & Maintenance			333,79	9,54
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>			<b>321 053,43</b>	<b>9 172,96</b>
Interest on Working Capital			2 105,53	60,16
<b>MARGIN ABOVE SPECIFIED COSTS</b>			<b>318 947,90</b>	<b>9 112,80</b>

**NOTES:**

Interest Rate	7,00%
Growing period of Crop (Months)	3 months

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (Kg/ha)</b>	<b>PRICE (R/kg)</b>				
<b>YIELD CHANGE AT 10% INCREMENTS</b>	<b>LESS 10%</b>	<b>LESS 5%</b>	<b>ACTUAL</b>	<b>ADD 5%</b>	<b>ADD 10%</b>
	<b>R 12 970,85</b>	<b>R 13 691,46</b>	<b>R 14 412,06</b>	<b>R 15 132,66</b>	<b>R 15 853,27</b>
<b>28</b>	R 177 710	R 197 887	R 218 063	R 238 240	R 258 417
<b>32</b>	R 223 108	R 245 807	R 268 506	R 291 205	R 313 904
<b>35</b>	R 268 506	R 293 727	R 318 948	R 344 169	R 369 390
<b>39</b>	R 313 904	R 341 647	R 369 390	R 397 133	R 424 877
<b>42</b>	R 359 302	R 389 567	R 419 832	R 450 098	R 480 363
<b>BREAKEVEN YIELD (Kg/ha)</b>	<b>14</b>	<b>14</b>	<b>13</b>	<b>12</b>	<b>12</b>

<b>Costs Of Production</b>	<b>R/Ha</b>
Fertiliser	28 336,09
Seed	43 125,00
Weed Control	457,26
Pest Control	195,91
Fungal Control	110,98
Casual Labour	43 791,24
Fuel	1 512,12
Repairs & Maintenance	1 037,32
Interest	2 105,53



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