



ENTERPRISE BUDGET

<b>Classification</b>	Shell Fish	<b>Province</b>	Western Cape
<b>Enterprise Budget Name</b>	Oysters ( <i>Crassostrea gigas</i> )	<b>District</b>	Swartland-West Coast
<b>Seawater Size</b>	1 Ha	<b>Area</b>	Saldanha
<b>Date Developed</b>	Monday, 17 February 2020	<b>Date Updated</b>	23 April 2021
<b>Developer</b>	Mzwanele Lingani	<b>Updater</b>	Mzwanele Lingani
<b>Seeding density/Month</b>	<b>59 444,00</b>		

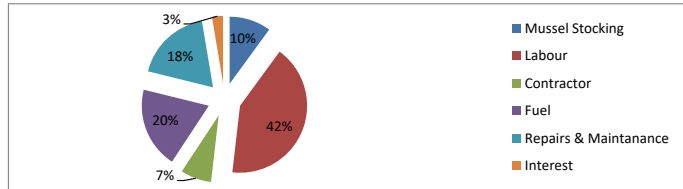
Use this Budget only as aid in the planning process.

	Unit	Price Per Unit	Quantity	Total ( R )	Value Per Unit
<b>GROSS INCOME</b>			<b>100 000,00</b>	<b>551 400,00</b>	<b>5,51</b>
<b>Product income</b>					
Cocktail oysters (12.5%)	Oyster	6,40	12 500,00	80 000,00	6,40
Medium oyster (67.5%)	Oyster	5,00	67 500,00	337 500,00	5,00
Large oysters (6%)	Oyster	5,45	6 000,00	32 700,00	0,48
Extra large oyster (6%)	Oyster	6,40	6 000,00	38 400,00	0,57
G1 oyster (8%)	Oyster	7,85	8 000,00	62 800,00	0,93
<b>MARKETING COSTS</b>	Oyster	0,00	100 000,00	0,00	0,00
<b>GROSS INCOME minus MARKETING COSTS</b>				<b>551 400,00</b>	<b>5,51</b>
<b>TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>205 370,76</b>	<b>2,05</b>
<b>DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>183 095,81</b>	<b>1,83</b>
<b>CONSUMABLE ITEMS/COSTS</b>					
<b>OYSTER STOCKING</b>				<b>123 643,52</b>	<b>1,24</b>
Seed stocking (Oyster)	Seed	0,26	475 552,00	123 643,52	1,24
<b>CASUAL LABOUR</b>				<b>59 452,29</b>	<b>0,59</b>
Labour harvesting	R/Manday	195,21	115,00	22 449,15	0,22
Maintenance	R/Manhour	21,69	250,00	5 422,50	0,05
Re-seeding	R/Manhour	21,69	250,00	5 422,50	0,05
Labour cleaning	R/Manday	195,21	134,00	26 158,14	0,26
<b>GROSS MARGIN ABOVE DIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>368 304,19</b>	<b>3,68</b>
<b>INDIRECTLY ALLOCATABLE VARIABLE COSTS</b>				<b>22 274,95</b>	<b>0,22</b>
Fuel	R			12 219,11	0,12
Repairs & Maintenance	R			10 055,85	0,10
<b>GROSS MARGIN ABOVE TOTAL ALLOCATABLE VARIABLE COSTS</b>				<b>346 029,24</b>	<b>3,46</b>
Interest on Working Capital				6 389,31	0,06
<b>MARGIN ABOVE SPECIFIED COSTS</b>				<b>339 639,92</b>	<b>3,40</b>

<b>NOTES:</b>	
Interest Rate	7,00%
Growing period of an oyster (Months)	8
Mortality rate	10,63%

<b>SENSITIVITY ANALYSIS</b>					
<b>YIELD (KG)</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>3,76</b>	<b>3,97</b>	<b>4,18</b>	<b>4,38</b>	<b>4,59</b>
<b>80 000,00</b>	<b>88 839,92</b>	<b>105 539,92</b>	<b>122 239,92</b>	<b>138 939,92</b>	<b>155 639,92</b>
<b>90 000,00</b>	<b>126 414,92</b>	<b>145 202,42</b>	<b>163 989,92</b>	<b>182 777,42</b>	<b>201 564,92</b>
<b>100 000,00</b>	<b>163 989,92</b>	<b>184 864,92</b>	<b>205 739,92</b>	<b>226 614,92</b>	<b>247 489,92</b>
<b>110 000,00</b>	<b>201 564,92</b>	<b>224 527,42</b>	<b>247 489,92</b>	<b>270 452,42</b>	<b>293 414,92</b>
<b>120 000,00</b>	<b>239 139,92</b>	<b>264 189,92</b>	<b>289 239,92</b>	<b>314 289,92</b>	<b>339 339,92</b>
<b>BREAKEVEN YIELD (KG)</b>	<b>56 356,64</b>	<b>53 390,50</b>	<b>50 720,98</b>	<b>48 305,69</b>	<b>46 109,98</b>

<b>Costs Of Production</b>	<b>R/Ha</b>
Mussel Stocking	123 643,52
Labour	59 452,29
Fuel	12 219,11
Repairs & Maintenance	10 055,85
Interest	6 389,31



**Disclaimer**  
 The Western Cape Department of Agriculture prepared this data/ information as accurately as possible. However, as this document contains data from various sources, its correctness cannot be guaranteed. Any person using this information will be doing so at own risk as the said organisation or other party will under no circumstances be responsible for any loss suffered by any person using the information contained in this document.