

Year before plant																												
<p>Apr/May "17 Consult with: Viticulturer, Wine-Cellar manager, Agricultural-Economist and Soil Scientist.</p> <ol style="list-style-type: none"> 1. Identify the area where you want to plant the vineyard. 2. Perform soil-profile investigation with Profile-holes.(1500mm and deeper) 3. Take soil samples for chemical and physical recommendations. (Field Analysis) 4. Decide the cultivar and wine goal. 5. Identify or design the appropriate trellising system. 6. Design vineyard according to information obtained by the soil analysis. 7.Using information obtained by the viticulturist, recommendations are made to the row widths as well as stickwidths. 8. Obtain soil preparation quotes. 9. Obtain quotes for installation of poles. 10. Order the cover crop seed. 11. Design drainage system. 12. A vineyard will struggle without water therefore design the irrigation system with the irrigation specialists. 13. Order Vines. (Before May) 	<table border="1"> <tr> <td colspan="2"><u>COSTS (Per Hectare)</u></td> </tr> <tr> <td colspan="2"><u>USE 2017 NUMBERS</u></td> </tr> <tr> <td colspan="2"><u>Consulting fees:</u></td> </tr> <tr> <td>Viticulturer (R750 Per Hectare):</td> <td></td> </tr> <tr> <td>750 x 4Hours</td> <td style="text-align: right;"><u>R2 250</u></td> </tr> <tr> <td>Soil Science (R750 Per Hectare):</td> <td></td> </tr> <tr> <td>750 x 4Hours</td> <td style="text-align: right;"><u>R3 000</u></td> </tr> <tr> <td colspan="2"><u>Cover crop cost (Full surface)</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">R850</td> </tr> <tr> <td colspan="2"><u>Total</u></td> </tr> <tr> <td colspan="2" style="text-align: center;">R6 100</td> </tr> </table>	<u>COSTS (Per Hectare)</u>		<u>USE 2017 NUMBERS</u>		<u>Consulting fees:</u>		Viticulturer (R750 Per Hectare):		750 x 4Hours	<u>R2 250</u>	Soil Science (R750 Per Hectare):		750 x 4Hours	<u>R3 000</u>	<u>Cover crop cost (Full surface)</u>		R850		<u>Total</u>		R6 100						
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<p>1-28 Apr "18</p> <p>14. Time for soil preparation.</p> <ol style="list-style-type: none"> a) Make final decisions on soil moisture levels to determine timing of soil preparation. b) Ensure desired soil preparation depth. c) Make sure the furrow-widths are correct. d) Ensure correct implement selection. <p>15. Lay out the vineyard according to plans.</p> <p>16. Sow cover crop.</p> <p>01-May-18</p> <p>17. Mark the position of the vines.</p> <p>18. Install the anchor and row of poles.</p> <p>15-May-18</p> <p>19. Ad the anchor wire but do not ad tension on the wires yet.</p> <p>01-Jun-18</p> <p>20. Install the Irrigation system.</p> <p style="padding-left: 20px;">Julie</p> <p>21. Spray Herbicide if necessary.</p> <p>Jul/Aug "18</p> <p>22. Collect the vines and let it stand in water for a day.</p> <p>23. Plant the vines the next day.</p> <p>24. Lay down of cover plastic if you want to use any.</p> <p>Sep-Des "18</p> <p>Irrigate adequately (2X3 Hours Per week)</p> <p>Spray disease control once per week.</p> <p>Herbicide/ Remove weed mechanically/ by Hand.</p>	<table border="1"> <tr> <td><u>Fertilizing</u></td> </tr> <tr> <td style="text-align: center;">R13 561</td> </tr> <tr> <td><u>Soil Preparation</u></td> </tr> <tr> <td>1200 mm Rip & cross (Narrow furrow width)</td> </tr> <tr> <td style="text-align: center;">R30 460</td> </tr> <tr> <td><u>Seed cost (R / Ha)</u></td> </tr> <tr> <td style="text-align: center;">R125</td> </tr> <tr> <td><u>Cover crop/Ha (3-5 Hours/Ha)</u></td> </tr> <tr> <td style="text-align: center;">R61,56</td> </tr> <tr> <td><u>Production cost (75%)</u></td> </tr> <tr> <td style="text-align: center;">R28 255,50</td> </tr> <tr> <td><u>Trellising (80%)</u></td> </tr> <tr> <td>Five Strand double movable perold</td> </tr> <tr> <td style="text-align: center;">R82 499</td> </tr> <tr> <td><u>Irrigation</u></td> </tr> <tr> <td>0,6m Compensated drip</td> </tr> <tr> <td>Ditch digging</td> </tr> <tr> <td style="text-align: center;">R40 634</td> </tr> <tr> <td><u>Plantmaterial</u></td> </tr> <tr> <td>Vines:</td> </tr> <tr> <td>R15,83 X 3472</td> </tr> <tr> <td style="text-align: center;">R59 486</td> </tr> <tr> <td>Planting distance in row is 1,5m</td> </tr> <tr> <td><u>Cover plastic (Per Hectare)</u></td> </tr> <tr> <td style="text-align: center;">R2 500</td> </tr> <tr> <td><u>Total</u></td> </tr> <tr> <td style="text-align: center;">R257 582</td> </tr> </table>	<u>Fertilizing</u>	R13 561	<u>Soil Preparation</u>	1200 mm Rip & cross (Narrow furrow width)	R30 460	<u>Seed cost (R / Ha)</u>	R125	<u>Cover crop/Ha (3-5 Hours/Ha)</u>	R61,56	<u>Production cost (75%)</u>	R28 255,50	<u>Trellising (80%)</u>	Five Strand double movable perold	R82 499	<u>Irrigation</u>	0,6m Compensated drip	Ditch digging	R40 634	<u>Plantmaterial</u>	Vines:	R15,83 X 3472	R59 486	Planting distance in row is 1,5m	<u>Cover plastic (Per Hectare)</u>	R2 500	<u>Total</u>	R257 582
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<p>Jun "19</p> <p>Install remaining trellis system wires.</p> <p>Install young vine training stakes/ rope.</p> <p>Aug "19</p> <p>Prune to two buds.</p> <p>Perform green shoot development to reach cordon wire.(1 worker per hectare)</p> <p>Apply weed control.</p> <p>Okt-Des "19</p> <p>Fertilization program</p>	<table border="1"> <tr> <td><u>Production cost: 85% of total cost. 100% after year 3.</u></td> </tr> <tr> <td style="text-align: center;">R32 023</td> </tr> <tr> <td><u>Trellising (20%)</u></td> </tr> <tr> <td style="text-align: center;">R20 625</td> </tr> <tr> <td><u>Total</u></td> </tr> <tr> <td style="text-align: center;">R52 648</td> </tr> </table>	<u>Production cost: 85% of total cost. 100% after year 3.</u>	R32 023	<u>Trellising (20%)</u>	R20 625	<u>Total</u>	R52 648																					
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