



SDI Review Form 1.6

Journal Name:	<a href="#">Journal of Agriculture and Ecology Research International</a>
Manuscript Number:	Ms_JAERI_35303
Title of the Manuscript:	EFFECT OF MYCORRHIZAL INOCULATION (VAM) AND PHOSPHORUS LEVELS ON YIELD, QUALITY, NUTRIENT UPTAKE AND POST HARVEST NUTRIENT STATUS OF SUNFLOWER
Type of the Article	Original Research Article

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)																																																																																																																																																																																			
<b>Compulsory</b> REVISION comments	<p>Following the review of Research Article titled "EFFECT OF MYCORRHIZAL INOCULATION (VAM) AND PHOSPHORUS LEVELS ON YIELD, QUALITY, NUTRIENT UPTAKE AND POST HARVEST NUTRIENT STATUS OF SUNFLOWER". Since the requested changes are major, I recommend that it should be revised taking into account the changes requested as follows;</p> <ul style="list-style-type: none"> <li>Under materials and methods, kindly state the statistical package used to obtain your LSD and standard error values. Thanks</li> <li>Under the results and discussions, the Tables 1 and 2 should be in three lines' table like Tables as shown below. Also, kindly put the values in 2 decimal places.</li> </ul> <p>Table 1:</p> <table border="1"> <thead> <tr> <th rowspan="2">Treatment</th> <th colspan="2">Yield</th> <th colspan="3">Quality characters</th> <th colspan="3">Nutrient uptake (Kg<sup>ha</sup><sup>-1</sup>)</th> <th colspan="3">Post-harvest nutrient status</th> </tr> <tr> <th>Seed yield (Kg<sup>ha</sup><sup>-1</sup>)</th> <th>Stalk yield (Kg<sup>ha</sup><sup>-1</sup>)</th> <th>Oil content (%)</th> <th>Oil yield (Kg<sup>ha</sup><sup>-1</sup>)</th> <th>Crude protein content (%)</th> <th>N</th> <th>P</th> <th>K</th> <th>N</th> <th>P</th> <th>K</th> </tr> </thead> <tbody> <tr> <td colspan="12"><b>VAM</b></td> </tr> <tr> <td>M1</td> <td>1438.00</td> <td>3570.00</td> <td>40.29</td> <td>586.00</td> <td>15.43</td> <td>75.50</td> <td>17.90</td> <td>66.50</td> <td>214.50</td> <td>18.18</td> <td>321.80</td> </tr> <tr> <td>M2</td> <td>1845.00</td> <td>4069.00</td> <td>42.54</td> <td>790.00</td> <td>17.64</td> <td>97.50</td> <td>22.00</td> <td>70.50</td> <td>202.80</td> <td>17.05</td> <td>310.60</td> </tr> <tr> <td>SEd</td> <td>28.46</td> <td>20.75</td> <td>0.16</td> <td>12.35</td> <td>0.06</td> <td>0.37</td> <td>0.15</td> <td>0.27</td> <td>0.57</td> <td>0.06</td> <td>0.61</td> </tr> <tr> <td>CD(P=0.05)</td> <td>61.05</td> <td>44.51</td> <td>0.34</td> <td>26.49</td> <td>0.13</td> <td>0.78</td> <td>0.33</td> <td>0.57</td> <td>1.23</td> <td>0.13</td> <td>1.31</td> </tr> <tr> <td colspan="12"><b>Phosphorus levels (Kg<sup>ha</sup><sup>-1</sup>)</b></td> </tr> <tr> <td>P0</td> <td>973.00</td> <td>2692.00</td> <td>39.01</td> <td>380.00</td> <td>14.12</td> <td>66.10</td> <td>14.17</td> <td>60.80</td> <td>223.10</td> <td>18.93</td> <td>332.60</td> </tr> <tr> <td>P1</td> <td>1197.00</td> <td>3179.00</td> <td>39.12</td> <td>470.00</td> <td>14.27</td> <td>73.40</td> <td>15.95</td> <td>64.20</td> <td>219.60</td> <td>18.67</td> <td>326.90</td> </tr> <tr> <td>P2</td> <td>1477.00</td> <td>3589.00</td> <td>40.58</td> <td>603.00</td> <td>15.96</td> <td>76.10</td> <td>18.44</td> <td>67.10</td> <td>213.60</td> <td>18.10</td> <td>320.70</td> </tr> <tr> <td>P3</td> <td>1843.00</td> <td>4129.00</td> <td>42.47</td> <td>786.00</td> <td>17.61</td> <td>79.40</td> <td>21.93</td> <td>70.40</td> <td>203.50</td> <td>17.04</td> <td>310.40</td> </tr> <tr> <td>P4</td> <td>2048.00</td> <td>4379.00</td> <td>43.49</td> <td>891.00</td> <td>18.30</td> <td>81.40</td> <td>23.52</td> <td>72.50</td> <td>197.90</td> <td>16.65</td> <td>307.10</td> </tr> <tr> <td>SEd</td> <td>40.25</td> <td>29.35</td> <td>0.22</td> <td>17.46</td> <td>0.09</td> <td>0.52</td> <td>0.22</td> <td>0.38</td> <td>0.81</td> <td>0.08</td> <td>0.86</td> </tr> <tr> <td>CD(P=0.05)</td> <td>86.34</td> <td>62.95</td> <td>0.48</td> <td>37.46</td> <td>0.19</td> <td>1.11</td> <td>0.47</td> <td>0.81</td> <td>1.74</td> <td>0.18</td> <td>1.85</td> </tr> </tbody> </table>	Treatment	Yield		Quality characters			Nutrient uptake (Kg <sup>ha</sup> <sup>-1</sup> )			Post-harvest nutrient status			Seed yield (Kg <sup>ha</sup> <sup>-1</sup> )	Stalk yield (Kg <sup>ha</sup> <sup>-1</sup> )	Oil content (%)	Oil yield (Kg <sup>ha</sup> <sup>-1</sup> )	Crude protein content (%)	N	P	K	N	P	K	<b>VAM</b>												M1	1438.00	3570.00	40.29	586.00	15.43	75.50	17.90	66.50	214.50	18.18	321.80	M2	1845.00	4069.00	42.54	790.00	17.64	97.50	22.00	70.50	202.80	17.05	310.60	SEd	28.46	20.75	0.16	12.35	0.06	0.37	0.15	0.27	0.57	0.06	0.61	CD(P=0.05)	61.05	44.51	0.34	26.49	0.13	0.78	0.33	0.57	1.23	0.13	1.31	<b>Phosphorus levels (Kg<sup>ha</sup><sup>-1</sup>)</b>												P0	973.00	2692.00	39.01	380.00	14.12	66.10	14.17	60.80	223.10	18.93	332.60	P1	1197.00	3179.00	39.12	470.00	14.27	73.40	15.95	64.20	219.60	18.67	326.90	P2	1477.00	3589.00	40.58	603.00	15.96	76.10	18.44	67.10	213.60	18.10	320.70	P3	1843.00	4129.00	42.47	786.00	17.61	79.40	21.93	70.40	203.50	17.04	310.40	P4	2048.00	4379.00	43.49	891.00	18.30	81.40	23.52	72.50	197.90	16.65	307.10	SEd	40.25	29.35	0.22	17.46	0.09	0.52	0.22	0.38	0.81	0.08	0.86	CD(P=0.05)	86.34	62.95	0.48	37.46	0.19	1.11	0.47	0.81	1.74	0.18	1.85	
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<b>Minor</b> REVISION comments	Yes...the table should be restricted to three lines.	
<b>Optional/General</b> comments	Author(s) need to do the necessary corrections.	

Reviewer Details:

Name:	<b><i>Hamza Abdulmajeed</i></b>
Department, University & Country	<b><i>Department of Agronomy, University of Ibadan, Ibadan, Nigeria</i></b>