

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_104737</b>
Title of the Manuscript:	<b>Studies on heterosis for fruit yield and quality attributing characters in yardlong bean (<i>Vigna unguiculata</i> (L.) Walp. ssp. <i>Sesquipedalis</i> Verdc.)</b>
Type of the Article	<b>Original Research Article</b>

### **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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Just to understand the extent of heterosis manuscript may be usefull for scientific community but with respect to exploitation of heterosis due to self pollination and even often cross pollination in nature it may not be useful in commercial level of seed production as seed rate is 12-30 kg/ha without availability of male sterility system.</p> <p>It may be changed as Studies on heterosis for pod yield and protein content in yardlong bean (<i>Vigna unguiculata</i> (L.) Walp. ssp. <i>Sesquipedalis</i> Verdc.)</p> <p>Yes</p> <p>Yes subsections and structure of the manuscript appropriate. However, manuscript is written without presenting the data and only mentioned number of hybrids having significant heterosis over parents and commercial checks without nomenclature of the hybrids combinations in result and discussion part must be improved/modified</p> <p>Yes manuscript is scientifically correct</p> <p>There is a scope to add recent references 2019 onward</p> <p>Manuscript may be accepted after improvenet/ modification as suggested</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>2. Yes language/English quality of the article suitable for scholarly communications?</p>	
<p><b>Optional/General</b> comments</p>	<p>The limited number (7) parents used for the crossing programme using diallel fation and receprocal crosses also not considered for the study heterosis How the limited distingused crosses give the real picture of heterosis.</p> <p>Yardlong bean (<i>Vigna unguiculata</i> (L.) is self pollinated how the heterosis will be exploited withoutavailability of male sterility system</p>	

### PART 2:

	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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	

### Reviewer Details:

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