

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_82835
Title of the Manuscript:	Parental polymorphic marker survey and genetic diversity studies among the popular maintainer lines of hybrid rice (Oryza sativa L.) for stigma exsertion trait
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:

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

Reviewer-1

PART 1: Review Comments

	Reviewer’s comment	Author’s comment <i>(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)</i>
Compulsory REVISION comments	<p>Importance of the problem : As follows from the literature and the introduction of this article rice (Oryza sativa L.) occupies 23 per cent of the total area in the world under cereal production. Rice is very good a model cereal crop due to its small genome size, around 430 Megabase (2n = 24). The low yield of hybrid seed production and high cost of hybrid rice seeds have been the main complaints raised by seed producers and farmers, and were listed as one of the major limitations in Asian countries for hybrid seed extension. The development of hybrid rice breeding technology involves improvement and evaluation of parental lines, evaluation of the degree of heterosis for yield and techniques for seed production. Briefly evaluated ,it is known, that stigma exsertion is one of the important traits which contribute to the efficient improvement of commercial seed production in hybrid rice. This problem is very important issue, for example, currently exist more than 5,000 quotes on Internet regarding this issue. Stigma exsertion rate (SER) in rice is a useful trait to improve seed production in hybrid rice.</p> <p>I agree with obtained results in this scientific work (results, methods, conclusion)</p>	<p>Thanks for your valuable comments we agree and follow with your comments and review. The SER in rice is one of the most important floral trait for hybrid seed production in commercial successful. We have very good female line with good grain type, grain number, grain quality and combining ability, but very poor out crossing ability. Because of that the farmers and producers are not accepting the production of F1 seed at large scale. This is the main constraint for hybrid seed production.</p> <p>Keep it in mind, we going to developing to develop the lines with high stigma exsertion rate (SER).</p>
Minor REVISION comments	<p>See small corrections on the outskirts of the text I send you text in PDF and in WORD</p>	<p>Corrected as per your suggestions and highlighted.</p>
Optional/General comments	<p>From my point of view, I do not see significant errors in this work However, I think that "CONCLUSION" is too brief in view of the obtained results More information can be obtained from tables and graphs.</p>	<p>As per your suggestion we extended the conclusion from the tables, graphs and from obtained results.</p>

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Compulsory REVISION comments	<div>1. The paper is well written. The author clearly described the tables and figure in detail.</div> <div>2. Abstract, Introduction, Materials and methods –very lengthy, put only valid and relevant , catching things.</div> <div>3. Unnecessary discussion should be avoided.,</div> <div>4. Make references as per the style of journal. Reduce references. Give latest and most relevant ones only.</div> <div>5. Authors are requested to see the format of the journal before final submission.</div> <div>6. Minor revision in the form of typographical error in the abstract and somewhere spacing problem which are highlighted in the MS.</div>	<div>1. Thanks for your compliment as per your suggestion in tables and figures clearly described and highlighted.</div> <div>2. We reduced the Abstract, Introduction, materials and methods As much as possible, kept only relevant and most valid things.</div> <div>3. Reduced the discussion part and unnecessary discussion avoided.</div> <div>4. Kept most relevant references and reduced as per your guidelines.</div> <div>5. The manuscript is arranged as per the journal format.</div> <div>6. Typographical errors in abstract and spacing problems in other part of the manuscript and some minor revisions were corrected and highlighted.</div>
Minor REVISION comments		
Optional/General comments		

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)
Are there ethical issues in this manuscript?	<div>(If yes, Kindly please write down the ethical issues here in details)</div>	We have written the ethical issues in the manuscript.