

### Review Form 3

Journal Name:	<a href="#">Archives of Current Research International</a>
Manuscript Number:	Ms_ACRI_124202
Title of the Manuscript:	Impact of Integrated Weed Management Strategies on Weed Density and Biomass in Rice ( <i>Oryza sativa</i> L.)
Type of the Article	Original Research Article

#### General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	The manuscript is very important as an original research work dealing with weed problems and its solution through integrated management practices using herbicides in transplanted rice crop. I do recognise and appreciate the honest effort made by the author for recording challenges faced due to presence of weeds in rice crop and identifying different options of weed management through integrated approach. This article will also encourage the scholars to research more in future on weed management in rice in Indogangetic Indo-Gangetic plains of Western Uttar Pradesh.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	Suggest alternate title "Integrated Weed Management in Transplanted Rice ( <i>Oryza sativa</i> L.) in the Indo-Gangetic plains of Western Uttar Pradesh" # include growing season in the title whether <i>kharif</i> rice or <i>boro</i> rice.	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	<ol style="list-style-type: none"> <li>the abstract of the article is comprehensive</li> <li>Abstract should be divided in different sun sections viz. Aims, Study design, Methodology, Results, Conclusion etc as per the journal recommendation.</li> <li>More care should be taken while writing complex and compound sentences so that grammatical errors can be avoided.</li> </ol>	
<b>Are subsections and structure of the manuscript appropriate?</b>	No. The text should be divided into sections and sub-section which must be numbered, viz 1. Introduction, 2. Materials and Methods likewise. Recommend to follow author's guideline of the journal's	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	The manuscript is scientifically correct which is addressing practical problems rice cultivation due to weed competition. In the experiment an effort has been made to find out effective integrated weed management options in transplanted rice crop.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	1. References are sufficient and recent. However, some facts mentioned in the introduction needs reference support.	

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. The author repeated similar style and pattern in language when it comes to writing complex sentences. More diversity is expected in writing to avoid repetition in style of sentences.</p> <p style="text-align: center;"><b>Time table for Common courses and supporting courses of M.Sc. (Agriculture)</b></p> <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 10px;"> <tr> <th>DAY/TIME</th> <th>9.30-10.30</th> <th>10.30-11.30</th> <th>11.30-12.30</th> <th>BREAK</th> <th>2.00-3.00</th> <th>3.00-5.00</th> </tr> <tr> <td>MONDAY</td> <td></td> <td></td> <td>STAT 502 (T)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>TUESDAY</td> <td>STAT 502 (T)</td> <td colspan="2">PGS 507 P</td> <td></td> <td></td> <td></td> </tr> <tr> <td>WEDNESDAY</td> <td></td> <td colspan="2">PGS 502 (P)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>THURSDAY</td> <td>PGS 507 T</td> <td></td> <td>PGS 505 (T)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FRIDAY</td> <td></td> <td colspan="2">PGS 503 (T)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>SATURDAY</td> <td colspan="2">STAT 502 (P)</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p><b>NOTE- Major and minor courses will be decided by respective department.</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sl. No.</th> <th>Course Code</th> <th>Course Title</th> <th>Credit Hours</th> <th>Allotted faculty</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>PGS 502</td> <td>Technical Writing and communication Skills</td> <td>1(0+1)</td> <td>Dr. Subhrajyoti Panda</td> </tr> <tr> <td>2.</td> <td>PGS 503</td> <td>Intellectual Property and its management in Agriculture</td> <td>1(1+0)</td> <td>Dr. Mahipal Singh</td> </tr> <tr> <td>3.</td> <td>PGS 505</td> <td>Agricultural Research , Research Ethics and Rural Development Programs</td> <td>1(1+0)</td> <td>Prof. S.Kumaraswamy</td> </tr> <tr> <td>4.</td> <td>STAT 502</td> <td>Statistical Methods for applied sciences</td> <td>3(2+1)</td> <td>Dr. Sanjeeta Biswas</td> </tr> <tr> <td>5.</td> <td>PGS 507</td> <td>Research Methodology</td> <td>2(1+1)</td> <td>Dr. Chinmayee Mohapatra</td> </tr> </tbody> </table>	DAY/TIME	9.30-10.30	10.30-11.30	11.30-12.30	BREAK	2.00-3.00	3.00-5.00	MONDAY			STAT 502 (T)				TUESDAY	STAT 502 (T)	PGS 507 P					WEDNESDAY		PGS 502 (P)					THURSDAY	PGS 507 T		PGS 505 (T)				FRIDAY		PGS 503 (T)					SATURDAY	STAT 502 (P)						Sl. No.	Course Code	Course Title	Credit Hours	Allotted faculty	1.	PGS 502	Technical Writing and communication Skills	1(0+1)	Dr. Subhrajyoti Panda	2.	PGS 503	Intellectual Property and its management in Agriculture	1(1+0)	Dr. Mahipal Singh	3.	PGS 505	Agricultural Research , Research Ethics and Rural Development Programs	1(1+0)	Prof. S.Kumaraswamy	4.	STAT 502	Statistical Methods for applied sciences	3(2+1)	Dr. Sanjeeta Biswas	5.	PGS 507	Research Methodology	2(1+1)	Dr. Chinmayee Mohapatra	
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<p><b>Optional/General</b> comments</p>	<p>1. Weed control efficiency and weed control index could have been included in results for better explanations of the individual treatment efficacy as these are derived data from weed density and dry weight</p> <p>2. In Results and Discussions no discussion is made to explain the reason behind the results for individual treatment with mode of action and target weed species</p> <p>3. Treatment effect on different categories of weeds viz. grass, broadleaf and sedges and dominant species could have been included since the herbicides used were selective herbicides targeted for particular weed species</p> <p>4. Was there any phyto-toxicity of herbicides on rice plants?</p> <p>5. The author should at least include grain and straw yield data to justify the effect of weed management on crop yield</p> <p>6. Inclusion of the economic part like cost of cultivation, gross and net income and B:C ratio of individual treatments will give better justification for recommended treatment in conclusion</p> <p>7. Justifications behind square root transformation of weed data is required with reference</p> <p>8. Acknowledgments and authors' contributions is missing</p> <p><b>9. All the suggestions and recommendations made in the comment sections of manuscript draft need attention and rectification.</b></p>																																																																																

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	Madhab Kumar Datta
Department, University & Country	Sri Sri University, India