

Review Form 1.7

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_118852
Title of the Manuscript:	Effect of seed rate and nitrogen on growth and yield attributes of wheat (Triticum aestivum L.)
Type of the 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.journaljsrr.com/index.php/JSRR/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><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community?</p> <p>(Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The field experiment Effect of Seed Rate and Nitrogen on Growth and Yield Attributes of Wheat (<i>Triticum aestivum</i> L.) included 12 treatment combinations: three seed rates (100, 125, and 150 kg/ha) and four nitrogen levels (75, 100, 125, and 150 kg/ha).</p> <p>2. Results revealed that 100 kg/ha seed rates produced greater plant height, spike length, number of grains per spike, and test weight than 125 and 150 kg/ha seed rates. Seed rate of 150 kg/ha increased dry matter accumulation, tillers per meter row length, and straw production above 100 and 125 kg/ha. Compared to 150 and 100 kg/ha seed rates, 125 kg/ha seed rate yielded more grain, biological yield, net returns, and B: C ratio.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes as per submission</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p><u>Optional/General</u> comments</p>	<p>1. Provide more detailed information on the experimental design: The paper mentions the study was conducted in a split-plot design with three replications, but it could be beneficial to include more specifics on the plot sizes, randomization procedures, and other relevant design details. This would allow readers to better evaluate the validity and reliability of the experimental methods.</p> <p>2. Discuss potential interactions between seed rate and nitrogen level: The paper presents the main effects of seed rate and nitrogen level separately, but it would be informative to explore whether there are any significant interactions between these two factors. Analyzing and reporting on any interactive effects could provide deeper insights into the optimal combinations of seed rate and nitrogen for maximizing wheat growth and yield.</p>	

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PART 2:

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

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