

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_100861</b>
Title of the Manuscript:	<b>Influence of nitrogen and zinc on growth and yield of barley (Hordeum vulgare)</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> )

## Review Form 1.7

### 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. Is the manuscript important for scientific community? (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. Yes. It provides original information, the results are consistent and applicable to improve crop growth and yield.</p> <p>2. Yes</p> <p>3. Yes. I recommend replacing the first paragraph with: "A field experiment was conducted during Rabi 2022 at Crop Research Farm, Department of Agronomy, SHUATS, Prayagraj (U.P) to evaluate the influence of nitrogen and zinc on the growth and yield of barley (<i>Hordeum vulgare</i>), which consisted of three levels of nitrogen (50, 60 and 70 kg/ha) with zinc combination (15,20 and 25 kg/ha)".</p> <p>4. Yes</p> <p>5. I recommend relocating the Tables in the text as noted in the Author Guidelines: Tables &amp; figures should be placed inside the text. Tables and figures should be presented as per their appearance in the text. It is suggested that the discussion about the tables and figures should appear in the text before the appearance of the respective tables and figures. No tables or figures should be given without discussion or reference inside the text. In Sec. Introduction: I recommend replacing the last paragraph with: Taking into account the above fact, the experiment was carried out to evaluate the possible influence of nitrogen and zinc on the growth and yield of barley (<i>Hordeum vulgare</i>). In Sec. Conclusions: I recommend developing this section further, adding a couple of paragraphs that summarize the main results obtained and their economic implications.</p> <p>6. Yes I recommend correcting references in the text according to the Author Guidelines: References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3]. It is also necessary to redo and unify the references, for example, in a reference to a journal: E.g.: Hilly M, Adams ML, Nelson SC. A study of digit fusion in the mouse embryo. Clin Exp Allergy. 2002;32(4):489-98. See: <a href="https://journalijecc.com/index.php/IJECC/about/submissions#authorGuidelines">https://journalijecc.com/index.php/IJECC/about/submissions#authorGuidelines</a></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>I recommend unifying the use of nitrogen or Nitrogen, and zinc or Zinc in the text I include in the manuscript (with "change control" mode), several corrections of spacing, format and etc.</p>	
<p><b>Optional/General</b> comments</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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

#### Reviewer Details:

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