

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_130159
Title of the Manuscript:	Effect of Seed priming, Beejamrit, Jeevamrit and Micronutrients on Symbiotic traits, Growth attributes, Dehydrogenase activity (DHA), Leghaemoglobin content, Protein content and Grain yield of chickpea
Type of the Article	Original Research Article

PART 1: 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Improvement in yield of crops with organic fertilizer and reduction of chemical fertilizer is the need of the hour. This research work is focused towards sustainable production	Incorporated as per suggestion.in introduction section.
Is the title of the article suitable? (If not please suggest an alternative title)	Term – soil dehydrogenase activity (SDH) instead of dehydrogenase activity (DHA) could be used	Term- Soil dehydrogenase activity included as suggested.
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.	Suggestions: Clearly state the experimental design with all the treatment groups (T1 to T10)	Mentioned as RBD and treatment groups (T ₁ to T ₁₀).
Is the manuscript scientifically, correct? Please write here.	Yes. But Some components needs to be clarified in the manuscript like Why seed priming with beejamrit treatment could not produce significant results like T5 / T9 / T10? Could it be used as seed priming agent or not.	Mentioned in abstract as well as in Result and Discussion.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	Yes thanks

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<p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	<p>Yes thanks noted</p>
<p>Optional/General comments</p>	<p>Suggestions: In Introduction 1. Abbreviations like MP, DAS, RDF, TPF could be expanded at the starting places in the text itself 2. Could mention what are the micronutrients that are deficient in Madhya Pradesh Soil with reference 3. Clear mention of beejamrit as priming agent and jeevamrit as spray should be done Methods 1. Like 35 and 50 DAS the maturity period should be mentioned in text and results table 2. Preparation of beejamrit and jeevamrit can be explained separately 3. Soil processing (Collection) should be added 4. Mention of Statistical analysis after experimental references should be made Conclusion' 1. A statement indicating the benefits of the experimental procedure towards yield of chickpea and sustainable production can be added</p>	<p>Introduction 1. Extended form written for all abbreviated form. 2. References included Shukla <i>et al.</i> and Behera <i>et al.</i> in text and in bibliography/references. 3. Mention significance of T₁₀ integrated treatment (Jeevamrit) and T₃ (Beejamrit) which are also alternatively good. Methods 1. Mention in text and result as suggested. 2. Mention in Materials and Methods. 3. Added in Materials and Methods. 4. Mentioned. Conclusion 1. Included.</p>

PART 2:

	<p>Reviewer's comment</p>	<p>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></p>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	<p>No ethical issues.</p>