

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_96158
Title of the Manuscript:	Productivity and nutrient uptake influenced by zinc and iron on summer mungbean
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.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>Compulsory 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. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes, need to promote greengram in summer season with use of some micronutrients</p> <p>Ok</p> <p>Yes</p> <p>Excellent in compilation and presentation of data</p> <p>Well formulated the research with scientific background</p> <p>Sufficient</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Need to improve	
<p>Optional/General comments</p>	<p>Mungbean is an essential legume crop that is grown in the country's arid and semi-arid regions. It is India's third most significant pulse crop in terms of cultivated area and production . In comparison to experimental fields, mungbean productivity is poor in farmer fields. The potential yield of mungbean is limited by a variety of biotic and abiotic variables. Micronutrients such as iron and zinc, in addition to the primary plant nutrients, are vital for increasing mungbean productivity. The scarcity of these micronutrients has an impact on seed quality as well. Spraying micronutrients on mungbean improves their growth and quality. Many enzymes, including Tryptophan synthetase, superoxide dismutase, and dehydrogenases, require zinc to function. Zinc shortage affects the synthesis of RNA and protein. As a result, the zinc-deficient plant has a low protein content. Foliar spraying of Fe solutions in several crops, particularly legumes, is one of the most commonly used ways to treat Fe deficiency. In plants, iron plays a vital role in a variety of physiological and metabolic pathways. With these considerations in mind, the current study was designed by author to assess the effects of zinc and iron application on mungbean productivity and nutrient uptake.</p> <p>Since it one year data, article is recommended for publication as short note.</p>	

[Review Form 1.7](#)

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

Reviewer Details:

Name:	Shyamrao Kulkarni
Department, University & Country	College of Agriculture, University of Agricultural Sciences, India