

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_125069
Title of the Manuscript:	DEVELOPMENT OF INTEGRATED FERTILIZER PRESCRIPTION BASED ON STCR- IPNS FOR BRINJAL THROUGH INDUCTIVE CUM TARGETED YIELD MODEL IN MANNADIPET SOIL SERIES OF PUDUCHERRY.
Type of the Article	Research Article

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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:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	Fertilization should be based on the nutrient requirements of crops. STCR based fertilizer recommendation increases the profit by achieving higher yield and reduce the cost of cultivation by fertilizers savings. The IPNS improves the soil fertility which helps to achieve the sustained yield in brinjal with less environment pollution.	
Is the title of the article suitable? (If not please suggest an alternative title)	Suitable	
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.	Soil order and Soil Series names should be in <i>Italics</i> Abstract is comprehensive.	
Are subsections and structure of the manuscript appropriate?	Appropriate to the manuscript	
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.	Vegetable crops requires correct fertilization practices to occur higher optimum yield. Thus suggesting STCR-IPNS equations to farmers will help them sustaining soil health and yield profits.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	1. Vamshi, M., Maragatham, S., Santhi, R., Kalarani, M. K., & Sankari, A. (2023). Balanced nutrient recommendations for dry chilli in an inceptisol of Tamil Nadu based on a targeted yield model. <i>Agricultural Science Digest</i> , 43(5), 668-674. 2. Mohamed, B. A., Santhi, R., Maragatham, S., Gopalakrishnan, M., Ravikesavan, R., & Geetha, P. (2023). Sustaining Soil Fertility and Yield by Inductive cum Targeted Yield Model-based Fertilizer Prescriptions for Finger millet (<i>Eleusine coracana</i> L.) in Alfisol of Tamil Nadu, Southern India. <i>Agricultural Science Digest</i> , 5762, 1-7. 3. Asan, M. B., Santhi, R., Maragatham, S., Ravikesavan, R., Geetha, P., Gopalakrishnan, M., & Parimala, D. R. (2023). Impact of soil fertility characteristics on artificial fertility gradient approach developed using sorghum (<i>Sorghum bicolor</i>) in Alfisols. <i>Journal of Applied and Natural Science</i> , 15(2), 793-801.	
Minor REVISION comments	Suitable	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	STCR-IPNS Equation for Brinjal can be added	

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:	B. Asan Mohamed
Department, University & Country	Vsb College of Engineering Technical Campus, India