

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_89868
Title of the Manuscript:	Integrated Crop Management Practices in Ridge gourd hybrid COH 1 for increasing yield and income under Cuddalore District of Tamil Nadu
Type of the Article	NA

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>)

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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>Compulsory REVISION comments</p>	<p>General Comment - Introduction needs to more updating and improvement Ridge gourd or ribbed gourd (<i>Luffa acutangula</i> Roxb.) is known as Luffa gourd or Angled Luffa in most parts of the world. Ridge gourd is one of important cucurbitaceous vegetable crops in India and it is also popular in Southeast Asia and China. Ridge gourd is cultivating in 24,500 acres approximately in India with production of 3, 16,925 tones (farmnest.com). Ridge gourd is delicious vegetable and its tender fruits can be cooked to prepare various curries and it is also used in making chutneys in South India. However, the document is not well written and structured to the standard for publication. It has serious problems in reviewing in the previous work, justification, flow, presentation and discussion of results. The good thing in the article is that the adoption of new technology for farmers is encouraged with reasonable yield increment.</p> <p>Abstract It is generally acceptable. However, including introductory sentences that justify the work are necessary at the beginning of abstract. Be consistent in writing of COH 1 or COH-1???? In reporting the yield indicate the figure viz. highest number of fruit per plant (xxx). Show your recommendation.</p> <p>Keywords They should be specific to the work and avoid general terminology. They should be separated by commas and or semicolon, and arranged alphabetically</p> <p>Introduction</p> <ul style="list-style-type: none"> • Too long sentences and lacks citation. • Careful English language and spelling revision e.g. fibre, tonnes • Redundancy of "Ridge gourd is" once you used, on the next statement use "it is" <p>Generally, the introduction part is poorly structured and shallow. The significance of doing this particular research is not well justified. No previous works are reviewed</p> <p>Materials and Methods</p> <p>Description of the study area</p> <ul style="list-style-type: none"> • Indicate the geographical location of the experimental site • Be consistent in using SI unit. Acres or hectares, use one of it throughout your manuscript • Describe the variety used commonly at the study area in details and support with references. • What is your base to use Azospirillum and Phosphobacteria @2 kg/ha and Pseudomonas 2.5 kg/ha along with FYM 50 kg/ha and neem cake @ 100 kg/ha? Support with references. Is it recommended? • The design used should be clearly explained • Define abbreviation FYM • Experimental procedures should be explained <p>Generally, this part of the article requires major modifications and some information should be supported by references. Data collection procedures should be added and the implemented methods should be supported by references.</p> <p>Results and Discussion Sound with minor or moderate revisions The introductory part of the results and discussions was not attractive. Better to discuss the yield parameters separately. Therefore, I suggest structuring the results as follow: 4.1. Number of fruits per vine 4.2. Fruit length 4.3. Fruit girth 4.4. Yield per vine</p> <ul style="list-style-type: none"> - On the 2nd paragraph Higher per plant yield should be corrected as higher yield per plant 	

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	<ul style="list-style-type: none">- bio fertilizers and bio inoculants should spelt correctly- table styles should revised <p>In general this part is sound with minor or moderate revisions.</p> <p>Conclusion It is ok.</p> <p>References</p> <ul style="list-style-type: none">- write full name of journals- The style of listing references is not uniform. <p>Remark:</p> <ul style="list-style-type: none">- The overall work is interesting and I suggest publication after addressing the aforementioned comments.	
Minor REVISION comments	I have attached all my comments	
Optional/General comments	Not applicable	

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:

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