



vita meylani <vibriovita@unsil.ac.id>

Decision on your revised paper submitted to IJDNE

editor.ijdne@iieta.org <editor.ijdne@iieta.org>

Mon, Feb 28, 2022 at 5:31 PM

To: a.fudholi@gmail.com, vibriovita@unsil.ac.id, adehilman@unsil.ac.id, rudipriyadi@unsil.ac.id

Dear author,

We have reached a decision regarding your submission to *International Journal of Design & Nature and Ecodynamics*,

Manuscript Title: Effect of inorganic fertiliser and bio-fertiliser on the growth and production of red chili

Manuscript ID: 13636

[Quoted text hidden]

2 attachments



IETA Invoice-IJDNE13636.pdf

93K



IJDNE Acceptance Letter_ Daud. K. Walanda.pdf

158K

COMMENT REVIEW :

Reviewer #1: The English grammar used in this article is not up to standard. Some sentences I cannot make out what is being said. Please find assistance to correct the English grammar.

Reviewer #2: In this study, the effect of inorganic fertilizer and bio-fertilizer on growth and yield of red chilies has been investigated. The motivation in this manuscript is interesting and meaningful and authors have a certain understanding of the research in this field. This research is useful to red chili industry, but some details should be pointed out in the manuscript if it is applied in production. For example, the method and time of using the fertilizer are not listed and whether it is most effective at a certain time. Taken together, I recommend that this article will be perfect after minor revision.

Reviewer #3: The authors present a study on red chili fertilization, which is a field with scarce information to date and that it could provide useful insights. However, there are several serious shortcomings that make the current version of the manuscript unsuitable for a scientific journal.

- Introduction: too general, there is a complete lack of specific information of fertilization needs in Capsicum. There is very little information about this topic in scientific databases related to red chilis, but it should be highlighted and, nevertheless supplied with related information in other Capsicums. Moreover, the concept of bio-fertilizer should be described in a more general fashion, and specific information about M-bio, currently in the introduction, should be moved to materials and methods. Is M-bio a trademark? It appears so, and in that case the manufacturer should be cited.

- Material and methods: there are several problems in this section:

- A) the first problem relates to being just one year study, which is highly insufficient for a field study, the bare minimum should be two years or growth seasons.

- B) At the same time, methods are too vague and too detailed: it is excessively detailed in standard statistical methods (ANOVA and post-hoc tests, polynomial fitting), and too vague in measures and controls performed. Namely, it is not indicated how dry weight and leaf area were measured. NAR (net assimilation rate) and PGR (plant growth rate) should be defined earlier in the manuscript, as in L100 are first cited without defining, which is performed later. In equation 3 (L125) it should be explained that LA and GA stand for. Equation 1 (L109) is not a standard equation for SNK test and it appears that it has not been translated into English (galat?).

- C) Excessive detail about repeats and experimental plots, that it is also scattered through the section. It could be enough to indicate that there was applied a factorial randomized block with 2 factors (NPK inorganic and bio-fertilizer) with three replications with 6 plants for each replication of factor combinations. In its current state, there is plenty of redundant information about that that could be misleading.

- D) Description of the treatments could be more concise without losing precision. F.e., In L98-102, it could be shortened to "Factor I consisted of four levels of inorganic NPK fertilizer (K): 200 kg/ha (k1), 300 kg/ha (k2), 300 kg/ha (k3) and 500 kg/ha (k4). Factor II, consisted of four bio-fertilizer doses (H): control or 0 ml/L (h0), 10 ml/L (h1),..... Lines 102 104 describing combinations are completely redundant.

-Results: The format used to present the results of a two-way ANOVA are completely inadequate, as they do not show relevant information (the significance of factors and interaction) and they are unnecessarily detailed when no interaction appears. Table 1, and 2 could be substantially simplified, saving space and being clearer. Moreover, in the methods the authors defined levels of factors as k1, k2, k3 and k4 for K and ho to h3 for H, but they do not use it in the tables, making them harder to read. Tables 5 to 8 are superfluous as they just calculate the differences between treatments shown in Table 4.

The analysis of NAR and PGR is inadequate. In order to detect the influence of treatments on the net assimilation rate curves, a proper analysis comparing them should be performed. Moreover, it is not shown the R2 and significance of any of them. A proper Time series analysis could be performed if it is preferred to present the results in tables but making the regressions and using a standard anova to compare the curves is not a valid method.

- Discussion: highly speculative as they discuss about topics that it has not been addressed or evaluated in the research. Most of the cited literature is not included in the references (Susila et al 2016, Elfiati 2005, Wardhani et al 2014, Lingga and Marsono 2007) There are missing references too in the other sections (Sarker et al 2018, Toto, 1972, Yusnandar 2004).
- Literature cited. As indicated above, most of the literature cited in the text is missing, and the sources cited are incomplete and in wrong format.
- Language and style: the style of writing does not fit well into an international journal. Some expressions are hard to understand, or they seem weird (green leaf substance to define chlorophyll?)



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Final proof of your manuscript submitted by IJDNE

editor.ijдне@iieta.org <editor.ijдне@iieta.org>

Tue, Mar 8, 2022 at 1:04 PM

To: vita meylani <vibriovita@unsil.ac.id>

Cc: a.fudholi@gmail.com, vibriovita@unsil.ac.id, adehilman@unsil.ac.id, rudipriyadi@unsil.ac.id

Dear colleague,

Before publication, it is decided that this final proof should be sent to the authors once again for careful reading and re-check, to rule out the mistakes / errors of all kinds.

Download “final proof”. Read it carefully with particular reference to the following points:

1. If some corrections are left out, **highlight** them and attach notes on how to correct directly in the file.
2. Check with care all the symbols in the text.

Please return the corrected final proof before **March 9 2022**.

It is our mutual responsibility that the academic works published in the journal should be “mistake or error free” and of quality as well. Our attention and efforts to this would make the journal still better, besides enhancing the utility of your published research.

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International Journal of Design & Nature and Ecodynamics


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Final proof of your manuscript submitted by IJDNE

vita meylani <vibriovita@unsil.ac.id>
To: editor.ijдне@iieta.org

Tue, Mar 8, 2022 at 5:13 PM

Dear Editor,
Thank you for your email, we have already read the final proof. and no one corrected the manuscripts, so it's already published.
Thank you

Best Regards
Vita Meylani
[Quoted text hidden]



vita meylani <vibriovita@unsil.ac.id>

Final proof of your manuscript submitted by IJDNE

editor.ijдне@iieta.org <editor.ijдне@iieta.org>
To: vita meylani <vibriovita@unsil.ac.id>

Wed, Mar 9, 2022 at 9:46 AM

Well received

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vita meylani <vibriovita@unsil.ac.id>

Galley proof of your manuscript accepted by IJDNE

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Mon, Feb 28, 2022 at 5:26 PM

To: a.fudholi@gmail.com, vibriovita@unsil.ac.id, adehilman@unsil.ac.id, rudipriyadi@unsil.ac.id

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vita meylani <vibriovita@unsil.ac.id>

Your paper has been published in IJDNE (Vol. 17, No. 1, 2022)!

editor.ijдне@iieta.org <editor.ijдне@iieta.org>

Fri, Mar 11, 2022 at 4:28 PM

To: vita meylani <vibriovita@unsil.ac.id>

Dear author(s),

Thanks for patronizing *International Journal of Design & Nature and Ecodynamics (IJDNE)* for publishing your research. The electronic version of your paper published in Volume 17, Number 1, 2022 is attached with this email. To read your paper online, please click: <http://www.iieta.org/journals/ijдне/paper/10.18280/ijдне.170111>

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