



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

[Update] Proof for your article in the Special Issue of ASM Science Journal, manuscript number ASM-SI-002.R2

Phaik-Eem Lim <icst2017.asm@gmail.com>

13 April 2021 at 23:12

To: Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Cc: Eka Sunarwidhi Prasedya <ekasprasedya@unram.ac.id>

Article title: Utilization of Apical Stem Cutting for Fast Propagation of White Potato Seed Tubers

Editorial manuscript number: ASM-SI-002.R2

Dear Author,

The past year has been a challenging one. We hope that you are safe and thank you for being patient with us.

The galley proof for your manuscript is attached. Please have a final look of the proof and inform us of any **minor** amendments like typo errors before it is sent for production. Mark your corrections, if any, directly within the PDF file.

The corresponding author is responsible on behalf of all co-authors for the accuracy of all content, including:

- Spelling of author names
- Affiliations
- Email address of the corresponding author

You can help us facilitate rapid publication by returning the corrected proof of this paper by this Friday, 16 April 2021.

In case of difficulties with the proof, please contact me.

Thank you very much.

Sincerely,
Phaik-Eem Lim
Guest Editor
ASM Science Journal Special Issue of ICST2017

Virus-free. www.avast.com**10. ASM-SI-002.R2_v2-galley.pdf**
352K



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Proof for your article in the Special Issue of ASM Science Journal, manuscript number ASM-SI-002.R2

Phaik-Eem Lim <icst2017.asm@gmail.com>

16 March 2020 at 17:28

To: Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Article title: Utilization of Apical Stem Cutting for Fast Propagation of White Potato Seed Tubers

Editorial manuscript number: ASM-SI-002.R2

Dear Author,

We are pleased to inform you that your paper is nearing publication. The page proof is attached.

The proof shows the paper as it will appear later in print except that the pages are not numbered.

The corresponding author is responsible on behalf of all co-authors for the accuracy of all content, including:

- Spelling of author names (use FULL NAME), with the first name followed by the family/last name
- Affiliations (COMPLETE ADDRESS of the institution each author is affiliated with, especially for authors who have more than one manuscript accepted for publication in this special issue, use only a standardized address for each affiliation; do not include the study program in the address.)
- Email address of the corresponding author

Also, check if you are satisfied with the accuracy of the typesetting, copy-editing, and with the completeness and correctness of the text, tables and figures.


Please respond to the queries raised in the proof, if any. Mark your corrections directly within the PDF file.

You can help us facilitate rapid publication by returning the corrected proof of this paper by next Friday, 20 March 2020. This will be the only proof before publication unless there are a large number of changes required for the manuscript, of which a second proof will be sent.

In case of difficulties with the proof, please contact me.

Thank you very much.

Sincerely,
Phaik-Eem Lim
Guest Editor
ASM Science Journal Special Issue of ICST2017

 **10. ASM-SI-002.R2.pdf**
330K



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Decision on your manuscript ID ASM-SI-002.R1: Minor revision required

Phaik-Eem Lim <icst2017.asm@gmail.com>

29 October 2019 at 11:24

To: Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Dear Dr. Aluh Nikmatullah,

Thank you for submitting the revised manuscript ASM-SI-002.R1 entitled "Utilization of Apical Stem Cutting for Fast Propagation of White Potato Seed Tubers" to ASM Science Journal for the special issue of the 2nd International Conference on Science and Technology in the Tropic (ICST2017).

I have reviewed your revised manuscript, and made substantial editorial and language suggestions to your manuscript. The revised manuscript now reads better with a shortened abstract, and clarification on the seed potato production scheme, experimental setup, and the rational for conducting the three experiments. However, the manuscript still requires revision especially in the following aspects:

- (1) The presentation of the data for the growth parameters of hydroponically and aeroponically grown cuttings. Why is the effect of different soilless cultivation system on plant height shown in a bar chart and that on the number of leaves shown in a table, while the effect of different materials used as cutting holder in the aeroponics on the cutting's growth was presented as various regression plots? The discussion mentioned "cuttings grown in hydroponics system were taller ... lower number of stems ...", but the cuttings grown in both soilless cultivation systems were not compared in terms of the number of primary branches – at least the results did not show any data on that. Only the cuttings held with different materials in the aeroponics were compared for their number of primary branches (Figure 2C).
- (2) Include standard deviation for the data shown in all tables.
- (3) Take note of the missing reference for Chang et al. (2012) in the discussion. Also, for the statistics on potato production and consumption sourced from the Indonesian Central Bureau of Statistics, can you provide an address that leads to a page with the relevant information, instead of just the general website address?
- (4) Please revise/clarify some dubious phrases/context. For example, what is "one per whole"? What was the number of cuttings planted on each plot and the dose of NPK fertilizer applied in the field for experiment 2 (testing the effect of spacing on yield)?

Please check that I did not change your intended meaning of the text, and go through my specific comments in the file. With that, I invite you to respond to my comments and revise the manuscript by considering my suggestions.

Attached with this email are the following files:

- (1) the manuscript with my editorial and language suggestions and comments (word file named "ASM-SI-ManuscriptID.R1-Text-comment"). You are encouraged to WORK ON THIS FILE and HIGHLIGHT THE CHANGES YOU MADE WITH RED FONT when revising your manuscript.
- (2) an author warranty form that you should send back to us along with the revised manuscript. This is to ensure that the manuscript is original and has not been published or submitted elsewhere, in compliance with the journal's requirement.

Kindly submit your revised manuscript along with the author warranty form by 11 November 2019.

PLEASE SUBMIT YOUR REVISED MANUSCRIPT BY REPLYING TO THIS EMAIL USING THE SAME SUBJECT LINE.

Thank you.

Sincerely,
Phaik-Eem Lim
Guest Editor
ASM Science Journal Special Issue of ICST2017

Virus-free. www.avast.com

2 attachments

 **ASM-SI-002.R1-Text-comments.doc**
789K

 **ASMSJ2 - Author Warranty.doc**
366K



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Decision on your manuscript ID ASM-SI-002.R2: Accepted

Phaik-Eem Lim <icst2017.asm@gmail.com>

12 December 2019 at 07:27

To: Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Cc: ekajp@yahoo.com

Dear Dr. Aluh Nikmatullah,

I am pleased to inform that your revised manuscript ASM-SI-002.R2 entitled "Utilization of Apical Stem Cutting for Fast Propagation of White Potato Seed Tubers" has been accepted for publication in the ASM Science Journal for the special issue of the 2nd International Conference on Science and Technology in the Tropic (ICST2017).

Your manuscript is now proceeded for copyediting and proof production. We will be in contact with you if we need any further information. You may write to me at this address if you have any questions regarding this manuscript by quoting the manuscript ID ASM-SI-002.R2 in the subject title.

Thank you very much for this interesting contribution.

Sincerely,
Phaik-Eem Lim
Guest Editor
ASM Science Journal Special Issue of ICST2017



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

Decision on your manuscript ID ASM-SI-002: Major revision required

Phaik-Eem Lim <icst2017.asm@gmail.com>

26 July 2019 at 11:25

To: aluh_nikmatullah@unram.ac.id

Dear Dr. Aluh Nikmatullah,

I am writing to you regarding manuscript entitled "Utilization of Apical Stem Cutting for Fast Propagation of White Potato Seed", which you submitted to ASM Science Journal for the special issue of the 2nd International Conference on Science and Technology in the Tropic (ICST2017). An arbitrary manuscript ID has been assigned for your manuscript and the same ID will be referred in our communication to ease the handling process.

Your manuscript has been reviewed, and we think that the manuscript has its merit, but not suitable to be published as it currently stands. The comments of the reviewer(s) are included at the end of this email. Comments made directly on the manuscript are also attached in the email, if any. Therefore, I invite you to respond to the reviewer(s)' comments and revise your manuscript.

All reviewers gave you suggestions on how to improve the manuscript during revision, and I recommend you carefully consider them, especially reviewer #3's suggestion for you to provide more background about seed potatoes production (both conventional and the fast multiplication methods) and reviewer #1's suggestion for you to justify the purpose of conducting experiments 1, 2, and 3 in the introduction. This is important for you to establish the context of your study and improve the flow of the manuscript. All reviewers also asked you to re-write the abstract. Some aspects you should pay more attention to when revising your manuscript are the consistency of your choice of words and the data presentation, and the reference to data that are not present in the results or not the same as presented in the results, as reviewer #3 had pointed out. Please cite more references in your study when you discussed your results, and make sure that the citations are tallied with the references.

Please ensure that the list of reference follows the Harvard referencing style, which is in line with the journal's specification. See the following examples of how various reference sources (e.g. journal articles, books, book chapters, conference proceedings, online resources, dissertations) should be formatted in the list of reference:

- [1] Kumar, P & Garde, RJ 1989, 'Potentials of water hyacinth for sewage treatment', Research Journal of Water Pollution Control Federation, vol. 30, no. 10, pp. 291–294.
- [2] Hyem, T & Kvale, O (eds) 1977, Physical, chemical and biological changes in food caused by thermal processing, 2 edn, Applied Science Publishers, London, UK.
- [3] Biale, JB 1975, 'Synthetic and degradative processes in fruit ripening', eds NF Hard & DK Salunkhe, in Post-harvest biology and handling of fruits and vegetables, AVI, Westport, CT, pp. 5–18.
- [4] Common, M 2001, 'The role of economics in natural heritage decision making', in Heritage economics: challenges for heritage conservation and sustainable development in the 21 century: Proceedings of the International Society for Ecological Economics Conference, Canberra, 4 July 2000, Australian Heritage Commission, Canberra.
- [5] Thomas, S 1997, Guide to personal efficiency, Adelaide University, viewed 6 January 2004, <<http://library.adelaide.edu.au/~stthomas/papers/perseff.html>>.
- [6] McColloch, LP, Cook, HT & Wright, WR 1968, Market diseases of tomatoes, peppers and egg-plants, Agriculture Handbook no. 28, United States Department of Agriculture, Washington, DC.
- [7] Cairns, RB 1965, 'Infrared spectroscopic studies of solid oxygen', PhD thesis, University of California, Berkeley, CA.

Attached with this email are the following files:

- (1) the manuscript you submitted (word file named "ASM_authurname") for your own reference.
- (2) the manuscript file that has been formatted to ease the review process. The manuscript mainly has the line numbers added, made into single column and a line spacing of 1.5 (word file named "ASM-SI-ManuscriptID"). You are encouraged to WORK ON THIS FILE and show the changes in red color font, without formatting the page layout when revising your manuscript. You may also refer the line numbers quoted by reviewers to this word file.
- (3) an author warranty form that you should send back to us along with the revised manuscript.

Kindly submit your revised manuscript by 20 September 2019. If your manuscript contains graphs and pictures, please send the (editable) source file(s) as well, for proofreading (spellcheck) and typesetting purpose.

PLEASE SUBMIT YOUR REVISED MANUSCRIPT BY REPLYING TO THIS EMAIL USING THE SAME SUBJECT LINE.

Thank you.

COMMENTS FOR THE AUTHORS:

Reviewer #1

1. Abstract is too long. Line 11 – 17 could be summarized to be one or two short sentences. In keywords, it does not need to use the words that have been mentioned in the title (apical stem cutting, white potato)
2. In Introduction, there is no information why experiments 1, 2 and 3 are needed to be done. Author (s) should be added short explanation about the important of exp. 1, 2 and 3, so there is relation among introduction, materials and method, result and discussion, and conclusion.
3. Method should be more directly to the point. Point B, it might be better to be " The first experiment: Soiless culture system", Point C, it might be better to be " C. The second experiment: ..., D. The third experiment: ...
4. Figure 3 and 4 do not give a substantial explanation, and need to be add a regression equation, same as Figure 2. In Figure 2, explanations such as Linear (Rockwool), Linear (Coconut fiber) and — Linear (PE Foam) should be omitted.

Reviewer #3

I think the study is interesting. The findings are useful to provide baseline data in establishing a multiplication system for producing seed potatoes in their country. However, a major revision is needed before the manuscript can be accepted for publication.

In particular, reference to the results should tally with the methods and also the data that are presented. Some sentences mentioned results that were never presented or did not match with the presented data. For example, in the abstract (lines 22 and 24), the figures presented did not match what were shown in the tables. The mention of number of stems varied between cuttings grown in different soilless systems in the discussion (lines 262 and 266) did not match with the results – nothing was shown about the condition of the number of stems in the results section.

I think the authors should try to express their ideas clearly, especially when referring to the production of G1 seed tubers from cuttings derived from G0 plants. Based on my understanding, experiments were conducted to evaluate the performance of the cuttings derived from G0 plants to produce G1 seed tubers. And based on the results, they considered that cuttings from G1 plants can also be used to produce (G2?) seed tubers. However, some sentences in the manuscript here and there (e.g. lines 24, 82, 295-297) implied that cuttings from both G0 and G1 plants were evaluated in this study for their production of G0 and G1 seed tubers. I think it is important to clarify on this.

Also, please be consistent with the choice of words and presentation of data. The tuber production data was presented in 2 tables for the first 2 experiments, and in 1 table for the last experiment. It will be better if you stick to just one way of presenting the data. I think using one table is good to reduce the number of tables and to make it easier for reference. Even the same productivity parameter was variously referred to, e.g. Yield per plant (g) in Tables 2 & 8, Tuber weight/plant (g) in Table 4, weight of tuber per plant (g) in Table 6.

1. Title

Seed potato or potato seed?

Include the scientific name of the study target in the title.

2. Abstract

Lines 19: I cannot understand this part of the sentence. Please rewrite.

Line 22: Where did the value "34" come from?

Line 24: Where did the value "4 to 8 seed" come from? Did you also test on the G1 cuttings?

Add a bit on the methods used in the study: what did you do after obtaining the apical stem cuttings? You grew them in soilless system and also in the field.

Don't introduce too many concepts in the abstract. For example, you mentioned "non-destructive" multiplication system (line 18) in the abstract. The readers will be curious as to why the system is non-destructive, and how destructive was the previous system. But these were not addressed in the introduction, making it quite a miss. The word "seedling" in line 28 also adds to the confusion of the reader.

3. Introduction

Lines 40, 41: be careful with the use of comma in the figures.

Lines 40, 44, 45, 49: the stats are quite old.

Lines 53-55: I cannot follow here. Please rewrite sentence.

I think it will be good if the authors can elaborate on the following to establish the context for the study:

- How are the generations of seed correlated with their nature (nucleus seeds, foundation seeds, commercial seeds, certified seeds, etc)? e.g. G0 plant produces G1 seed tubers, etc.
- How are the potatoes propagated by conventional method?
- What are the problems with conventional method?
- What is the "fast propagation method"?

You should also justify why you carried out the three experiments when you explain the aim of the study. For example, lines 175-177 which explained the reason for testing the suitability of different materials as stem holder in the aeroponics system can be written in the introduction. The same applies to lines 211-215.

4. Materials and methods

Lines 91-94: Don't combine two ideas in one sentence. It does not make sense here.

Line 97: What do you mean by "one per whole"?

Lines 97, 105: rice husk charcoal?

Lines 98, 106: coconut peat or cocopeat?

Lines 104-106: I cannot work out the math. A 80 x 200 cm plot can fit 40 cuttings planted at a spacing of 20 x 20 cm. With 4 plots, the maximum number of cuttings that can be grown will not reach 400 as mentioned in line 106, unless a tiered system is used. This should be mentioned clearly.

Line 107: The types of stem holder used in the aeroponic system are tested. This should be mentioned before this sentence, so that the word "treatment" in this line can be understood easily.

Line 112: Which part of the plants was the medium sprayed on?

Lines 103, 104, 112: Better to stick with "hydroponics" instead of the "aggregate".

Nothing was mentioned about the collecting data on the tuber size. Define the range of sizes for very small, small, medium and large tubers.

5. Results

Are the growth parameters presented in the bar chart or graphs (Figures 1, 2, 3, 4) significantly different under different soilless culture systems?

Lines 146-150: The two sentences seem to imply that both systems resulted in significantly different plant height but not the number of leaves at 10 weeks after planting.

Indicate in footnote the meaning of letters after the values in all tables. Why was the standard error only shown in Figure 1 but not for other data?

Lines 173-175: Are you saying that the results for aeroponics in Figure 1 and Tables 1-3 were only based on the data from cuttings held in rockwool? After cross-checking the data for "aeroponics" in Tables 2 and 3 with "Rockwool" in Tables 4 and 5, I found that the "aeroponics" data in Tables 2 and 3 are actually an average of all materials instead of only rockwool as mentioned.

Line 177: PE spoons? Other parts of the text mentioned PE foam and also PE fibre. Choose one and stick to it.

Figures 2, 3, 4: Check spelling for "Rockwool" in key. Check the use of comma in values of y-axis. Relabel the x-axis as "Age of cutting (weeks after planting)". Check figure caption (PE fibre and PE foam?). Use the same symbols to mark the data points for each treatment (the mark for PE in Figure 2 was different from that of Figures 3 and 4). Where is the standard error? You may consider combining the 3 figures into one, with each of them denoted as A, B, C.

Lines 197-203: I think you are referring to Tables 4 and 5 in this paragraph.

Table 7: What is the value for "Medium tuber" at the planting space of "20 cm x 30 cm"? 63.0?

6. Discussion

The first paragraph can be written in the introduction.

There are quite a number of published studies that compared the hydroponics and aeroponics system, as well as the effect of spacing and rate of fertilizer application rates on the productivity of potato plants. Include them in your discussion.

Lines 258-260: Is the statement made based on the observation in this study or cited elsewhere?

Lines 262, 266: Nothing about the number of stems developed in the plants derived from apical stem cuttings grown in the soilless system was shown the results, but it was mentioned here in the discussion.

Lines 263-266, 273-275, 285-291: Provide citations if any

7. Conclusion

What are the criteria of high-quality seed potato?

Which method (cultivate in a soilless system or in the soil) would you use to produce the seed potatoes? Why?

You may relate what is the desirable method for "fast propagation" of seed potato to align the study outcome with the objective of the study implied in the title and also the introduction. The idea in lines 25-28 in the abstract can be emphasized here as the conclusion of the study.

8. Others

Ensure the consistent translation for "Direktorat Perbenihan Hortikultura" throughout the text.

Missing references: Baharuddin et al., 2013; Ranu, 2009; Hirpa et al., 2010; Nikmatullah et al., 2017.

Mismatched references and citations: Shinohara et al. (1999) in text, Shinohara et al. (2013) in reference; Wattimewa (2000) in text, Wattimena (2000) in reference.

I hope my comments are not seen as overtly critical, and will be useful to help you improve your manuscript.

Sincerely,

Phaik-Eem Lim

Guest Editor

ASM Science Journal Special Issue of ICST2017



Virus-free. www.avast.com

3 attachments

ASM_ALUH_NIKMATULLAH.doc

333K



ASM-SI-002.doc

333K



ASMSJ2 - Author Warranty.doc

366K



Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

**Re: Decision on your manuscript ID ASM-SI-002.R1: Minor revision required-
Revision 2**

Aluh Nikmatullah <aluh_nikmatullah@unram.ac.id>

11 November 2019 at 19:56

To: Phaik-Eem Lim <icst2017.asm@gmail.com>

Dear Prof. :Lim,,

Thank you for the review, content and language editorial to the manuscript.

We have made revisions to the manuscript and attached the revision version along with the Author Warranty Form.

The revision include

1. Changed in data presentation from figure 1 to Table format, so the presentation of the data for the plant height and number of leaves of hydroponically and aeroponically grown cuttings are now presented in Tables.
2. Changed position of the treatment from row to column for figure 3 to figure 6
3. All data in Tables 1 to 6 include the standard error
4. Revision in materials and method for spacing treatment with an additional of number of cuttings per plot for each spacing. I also added the missing NPK dosage in spacing treatment. Clarification was also made that each plot represented each replicate.
5. The reference for Chang et al (2012) was added in the reference list, and so did references for spacing in hydroponics system from previous studies.

I wish that I have responded to all suggestions, questions and comments to make the manuscript better and suitable for publication in the ASM Science Journal Sp. Issue for ICST2017.

Many thanks from Lim and best regards,

Aluh

On 29/10/2019, Phaik-Eem Lim <icst2017.asm@gmail.com> wrote:

> Dear Dr. Aluh Nikmatullah,

>

> Thank you for submitting the revised manuscript ASM-SI-002.R1 entitled
> "Utilization of Apical Stem Cutting for Fast Propagation of White Potato
> Seed Tubers" to ASM Science Journal for the special issue of the 2nd
> International Conference on Science and Technology in the Tropic
> (ICST2017).

>

> I have reviewed your revised manuscript, and made substantial editorial and
> language suggestions to your manuscript. The revised manuscript now reads
> better with a shortened abstract, and clarification on the seed potato
> production scheme, experimental setup, and the rationale for conducting the
> three experiments. However, the manuscript still requires revision
> especially in the following aspects:
> (1) The presentation of the data for the growth parameters of

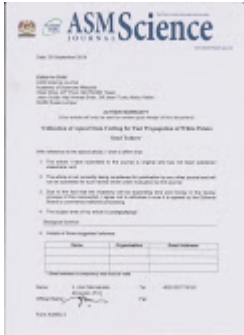
> hydroponically and aeroponically grown cuttings. Why is the effect of
> different soilless cultivation system on plant height shown in a bar chart
> and that on the number of leaves shown in a table, while the effect of
> different materials used as cutting holder in the aeroponics on the
> cutting's growth was presented as various regression plots? The discussion
> mentioned "cuttings grown in hydroponics system were taller ... lower number
> of stems ...", but the cuttings grown in both soilless cultivation systems
> were not compared in terms of the number of primary branches – at least the
> results did not show any data on that. Only the cuttings held with
> different materials in the aeroponics were compared for their number of
> primary branches (Figure 2C).
> (2) Include standard deviation for the data shown in all tables.
> (3) Take note of the missing reference for Chang et al. (2012) in the
> discussion. Also, for the statistics on potato production and consumption
> sourced from the Indonesian Central Bureau of Statistics, can you provide
> an address that leads to a page with the relevant information, instead of
> just the general website address?
> (4) Please revise/clarify some dubious phrases/context. For example, what
> is "one per whole"? What was the number of cuttings planted on each plot
> and the dose of NPK fertilizer applied in the field for experiment 2
> (testing the effect of spacing on yield)?
>
> Please check that I did not change your intended meaning of the text, and
> go through my specific comments in the file. With that, I invite you to
> respond to my comments and revise the manuscript by considering my
> suggestions.
>
> Attached with this email are the following files:
> (1) the manuscript with my editorial and language suggestions and comments
> (word file named "ASM-SI-ManuscriptID.R1-Text-comment"). You are encouraged
> to WORK ON THIS FILE and HIGHLIGHT THE CHANGES YOU MADE WITH RED FONT when
> revising your manuscript.
> (2) an author warranty form that you should send back to us along with the
> revised manuscript. This is to ensure that the manuscript is original and
> has not been published or submitted elsewhere, in compliance with the
> journal's requirement.
>
> Kindly submit your revised manuscript along with the author warranty form
> by 11 November 2019.
>
> PLEASE SUBMIT YOUR REVISED MANUSCRIPT BY REPLYING TO THIS EMAIL USING THE
> SAME SUBJECT LINE.
>
> Thank you.
>
>
> Sincerely,
> Phaik-Eem Lim
> Guest Editor
> ASM Science Journal Special Issue of ICST2017
>
>
>
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail>
> Virus-free.
> www.avast.com
> <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail>
> <#m_-405645042500505543_DAB4FAD8-2DD7-40BB-A1B8-4E2AA1F9FDF2>
>

--

Aluh Nikmatullah

Plant Physiology and Biotechnology Laboratory
Faculty of Agriculture, University of Mataram
Jalan Pendidikan 37 Mataram, NTB, INDONESIA

2 attachments



Author Warranty-Aluh Nikmatullah.jpg
1459K



ASM-SI-002.R2-11 Nopember 2019.doc
629K