# COVER PAGE

#### I. Manuscript Title

# TITTLE (Calibri 14)

#### II. First author:

1. Name	:	
2. Afiliation	·	
3. E-mail		
4. Orcid ID	÷	
5. PHONE/HP/WA	•	

#### **III. Second author:**

1. Name	:
2. Afiliation	:
3. E-mail	:
4. Orcid ID	:

#### IV. ... author:

1. Name 2. Afiliation	: :	
3. E-mail	:	
4. Orcid ID	:	

#### V. The main findings and why they are important and useful.


#### VI. Why the readers of the journal would be interested in the work.

.....

#### VII. Suggested Reviewers : (at least 2 reviewers)

No	Name	Affiliation	Review Interests	E-mail address And Phone contact number (if any)	ORCID ID/ Scopus ID/ Linkedin ID/ Google Scholar Profile Address
1					
2					

# TITLE: CALIBRI; SIZE-14; LINE SPACING: SINGLE

#### ABSTRACT

5 State the objective is specific and clearly, as to what is to be obtained. Give a brief account of the 6 methods. Identity scientific names of plants, another organism, and chemicals. State results 7 succinctly. State conclusions or recommendations and link this to the significance of the work. The 8 abstract must be integrated and independent which is consist of introduction and purpose, methods, 9 results, conclusion, and suggestion. The abstract must be written using 150 until 200 characters which 10 have no reference and accompanied keywords. It should be written using CALIBRI 11 with line 11 numbering.

#### 12

1 2 3

4

Keywords: Keyword should not more than 5 words, avoid the words in the title. The keyword must
 represent the content of your article. It should be written using CALIBRI 11 (alphabetically order)

#### 15

#### 16 INTRODUCTION

17 Present brief and clear information concerning the background, aim, and purpose of the research. 18 Provide the background information regarding with your study and why you interesting in the study. 19 The introduction must answer the research question of your article. Please make sure that the 20 introduction section provides well balance, current and relevant citations. Avoid/ minimize citing old 21 references (more than 10 years old), but cite the first finding relates to your research although it is 22 more than 10 years old. The introduction should end with the purpose of your research, which usually 23 meets the gap of current related knowledge, or to answer your research question. The introduction 24 must be written using 750 until 1000 characters. It should be written using CALIBRI 11 with line 25 numbering. 26

## 27 MATERIAL AND METHODS

28 It should be mention time and place of research in first part. All materials and methods that used such 29 chemical for analysis, treatment, and experimental design must be stated clearly and briefly. Write 30 what you did in the past tense. If you did a new method, describe very clearly step by step so another 31 researcher can reproduce your method. But if you employed an established method, explain briefly 32 and clearly write the reference you cited so another researcher can find out the more detail 33 information regarding with the method. All the parameters and statistical methods must be written 34 apparently. Materials and methods must be written using 400 to 600 characters. It should be written 35 using CALIBRI 11.

#### 36

## 37 **RESULTS**

38 Results should present the findings of your research in logical order. Present from the most important 39 to less import ant of your data, with a clear story and makes it easy to understand. Use past tense to 40 explain your data, but avoid the interpreting or discussing the data. Do not duplicate data in different 41 type, but summarize what readers will find in your data. Include a statistical analysis of your data, 42 usually using p-value to show significant differences. Avoid hiding or keeping your data for separately 43 another publication because this may lead to loosing evidence to reinforce the conclusion.

44

Available Online at SAINS TANAH Website: https://jurnal.uns.ac.id/tanah/index SAINS TANAH – Journal of Soil Science and Agroclimatology, 17(2), 2020, App 3

#### 1 DISCUSSION

- 2 The discussion must be the interpretation of your results, clearly write what your results mean. This
- 3 section is the most important part of your manuscript, discuss the data in order of the most to less
- 4 important. Compare your results with other studies to convince your data if they are consistent. But
- 5 if you find a work which is disagreement with yours, you must confront it to convince the reader that
- 6 your data is correct or better. Discuss your data comprehensively by linking the data each other, to
- 7 support your hypothesis. Explaining the weakness or limitation of your study may improve your
- 8 manuscript quality by showing the readers that you have an in depth understanding of your research9 and thinking objectively.
- Finally, emphasize your finding, what is new and why it is important, and suggest future studies that need to be carried out.
- 12

## 13 CONCLUSION

- Write your conclusion clearly so the reviewers and the readers can easily judge the merits of your work. Do not repeat the abstract or just listing the results, and avoid statistical statement in this
- 16 section. Provide a clear scientific justification which can answer your research question. You can also
- 17 suggest the future experiment based on your conclusion. The conclusion must be written using 40 until
- 18 80 characters and it should be written using CALIBRI 11.
- 19

#### 20

## 21 Figure and Table

- 22 Figure and table should be placed separately from the text. The figure should be drawn in white and
- 23 black color and figure's remarks placed in the bottom with before 4pt. The title of figure placed after
- 24 the remarks with single space.



2526 Figure 1. illustration of figure's width same as column width



Figure 2. illustration of figure's width twice of column width text text text text text text

- 1 2
- The title of the table should be written first with CALIBRI 11, single space and after 6pt. The content of
- 3 the table should be written using CALIBRI 11 single space and the remarks of the table placed in the
- 4 bottom with CALIBRI 11, single space and before 4 pt.
- 5 Table 1. Text text

Variable 1	Variable 2	Variable 3
data	data	data
	data data data data data	data data data data data data data data

- 6 Remarks :
- 7
- 8 Table 2. Text text

No	Var 1	Var 2	Var 3	Var 4	Var 5	Var 6	Var 7	Var 8
1	data							
2	data							
3	data							
4	data							
5	data							

- 9 Remarks :
- 10

## 11 ACKNOWLEDGEMENTS (if any)

- 12 State the grant source and the person to whom the grant was given. Name the person to help you
- work. The acknowledgement must be written, using 20 until 3000 characters. It should be written using
   CALIBRI 11.
- 15
- 16

#### 1 **REFERENCES**

2 All reference mentioned should be written down in reference using American Psychological Association

3 (APA) style and arranged from A to Z. Authors are welcome to use EndNote, Mendeley, Zotero, or any

4 other reference manager that allows for export of formatted references to Microsoft Word or other

5 word processing program. Link the citation references to its record on CrossRef to minimize incorrect

6 typing. Avoid using citation references which are not registered in CrossRef.

#### 7 8 Journal:

- 9 Author, F.M. (Publication year). Article Title. Periodical Title, Volume(Issue), pp.-pp. doi: XX.XXXX or
   10 Retrieved from journal URL
- Gofar, N., Widjajanti, H., & Marlina, N. (2015). Stimulate The Growth of Rice Using Endophytic Bacteria
   from Lowland Rice Plant Tissue. Sains Tanah Journal of Soil Science and Agroclimatology,
   12(2), 45-52. doi:10.15608/stjssa.v12i2.250.

#### 14 Book :

- 15 Author, F.M. (Year of Publication). *Title of work*. Publisher City, State: Publisher.
- 16 James, Henry. (2009). *The ambassadors*. Rockville, MD: Serenity Publishers.

#### 17 Book chapter:

- Author, F. M. (Year of publication). Title of chapter. In F. M. Editor (Ed.), Title of Book (pp. xx-xx).
   Publisher City, State: Publisher.
- Shuhua, L. (2007). The Night of Mid-autumn Festival. In J. S. M. Lau & H. Goldblatt (Eds.), The Columbia
   Anthology of Modern Chinese Literature (pp. 95-102). New York, NY: Columbia University Press.

#### 22 Information from the internet:

- 23 Author, F.M. (Year, Month Date of publication). Article title. Retrieved from URL
- Limer, E. (2013, October 1). Heck yes! The first free wireless plan is finally here. Retrieved from http://gizmodo.com/heck-yes-the-first-free-wireless-plan-is-finally-here-1429566597

26

## PUBLISHING ETICHAL STATEMENT

SAINS TANAH Journal of Soil Science and Agroclimatology require a formal written PUBLISHING ETICHAL STATEMENT from the author (s) for each article published. We, therefore, ask you to complete and return this form, retaining a copy for your records. Your cooperation is essential and appreciated. And delay will result in a delay in publication

Article Title :

.....

Author (s) :

- 1. I/we have read and agree to the terms and conditions of this agreement. I/we acknowledge that SAINS TANAH Journal of Soil Science and Agroclimatology are relying on this agreement in publishing the above-named manuscript. However, this agreement will be null and void if the manuscript is not published in SAINS TANAH Journal of Soil Science and Agroclimatology.
- 2. I/we warrant(s) that the article is original work and has not been published before. I/we warrant(s) that the article contains no libelous or other unlawful statements, and does not infringe on the rights of others. If excerpts from copyrighted works are included, I/we have obtained or will obtain written permission from the copyright owners and will credit the source in the article.

Signature of copyright owner(s)	:	
Name (printed)	:	
Title (if employer representative)	:	
Company or institution	:	
Date	:	

If either of the following is applicable, please tick the box:

\_\_\_\_\_

author on behalf of all co-authors

employer representative

# **Rights of Authors**

SAINS TANAH Journal of Soil Science and Agroclimatology recognize the retention of the following:

- Patent and trademark rights and rights to any process or procedure described in the article.
- The right to photocopy or make single electronic copies of the article for their own personal use, including for their own classroom use, or for the personal use of colleagues, provided the copies are not offered for sale and are not distributed in a systematic way outside of their employing institution (e.g. via an e-mail list or public file server). Posting of an article on a secure network (not accessible to the public) within the author's institution is permitted.
- The right, subsequent to publication, to use the article or any part thereof free of charge in a
  printed compilation of works of their own, such as collected writings or lecture notes.

**Note**: All copies, paper, electronic or other use, of the information must include an indication of SAINS TANAH Journal of Soil Science and Agroclimatology and a full citation of the journal source. Please refer requests for reprints to the corresponding author, and requests for all other uses not covered above, including the authorization of third parties to reproduce or otherwise use all or part of the article (including figures and tables) to SAINS TANAH Journal of Soil Science and Agroclimatology

## Authorship

- If the article was prepared jointly with another author(s), the signing author has informed the coauthor(s) of the terms of this copyright transfer and is signing on their behalf as their agent and represents that he or she is authorized to do so, then please confirm by checking the appropriate box following the signature line. The signing author shall bear the responsibility for designating the co-author(s) and must inform SAINS TANAH Journal of Soil Science and Agroclimatology of any changes in authorship.
- If copyright is held by the employer, then the employer or an authorized representative of the employer must sign. If the author signs, it is understood that this is with the authorization of the employer and the employer's acceptance of the terms of the transfer. Please confirm by checking the appropriate box following the signature line.

The copyright form should be signed originally and sent to sainstanahuns@gmail.com

# **COMPETING INTERESTS FORM**

(TO BE COMPLETED BY EACH AUTHOR)

In the interests of transparency to help readers detect potential bias and to protect authors, we require all named authors submitting manuscripts to declare competing interests in relation to papers accepted for publication. Competing interests are defined as those potential influences that may undermine the objectivity, integrity or perceived conflict of interest of a publication. Interactions that occur within 5 years before submission date of an article are pertinent.

#### **Author Competing Interests:**

**Financial** (We do not require authors to state the monetary value of their financial interests.) *Funding Sources*: Financial support for research (salaries, equipment, supplies, travel reimbursement), speaker/organizer honoraria.

<u>Employment</u>: Employment while engaged in this research, present or anticipated employment by any organization that may gain or lose financially through publication of this paper.

*Personal Financial Interests*: Stocks or shares in or ownership of companies affected by publication of this research, consulting fees/remuneration, royalties, from organizations which may profit or lose as a result of publication, patents or patent applications whose value and integrity may be affected due to publication.

#### **Institutional Competing Interests**

Are you aware that your academic institution or employment has a financial interest in or a financial conflict with the subject matter or materials discussed in this manuscript? Yes/No

## **DECLARATION OF COMPETING INTERESTS** (TO BE COMPLETED BY EACH AUTHOR)

Corresponding Author : Please check one: None declared under financial, general, and wish to disclose a competing interest(s) such be perceived to influence the results and disc	as those defined above or others that may cussion reported in this paper.
	l provide additional detail in the cover letter if
Please describe potential conflicts of interest below and necessary.	
Attestation of Investigator Independence/Accountability I had full access to all study data, take full responsibility authority over manuscript preparation and decisions to Yes No, please describe below and provide addit	for the accuracy of the data analysis, and have submit the manuscript for publication.
Date : Contact Information : Telephone :	

Please email The Competing Interests Form (PDF) to: sainstanah@uns.ac.id

## PUBLICATION ETHICS AND MALPRACTICE STATEMENT

SAINS TANAH-Journal of Soil Science and Agroclimatology is a peer-reviewed electronic international journal. This statement clarifies the ethical behavior of all parties involved in the act of publishing an article in this journal, including the author, the chief editor, the Editorial Board, the peer-reviewer and the publisher (Faculty of Agriculture, Universitas Sebelas Maret). This statement is based on COPE's Best Practice Guidelines for Journal Editors.

#### **Ethical Guideline for Journal Publication**

The publication of an article in a peer-reviewed SAINS TANAH journal is an essential building block in the development of a coherent and respected network of knowledge. It is a direct reflection of the quality of the work of the authors and the institutions that support them. Peer-reviewed articles support and embody the scientific method. It is therefore important to agree upon standards of expected ethical behavior for all parties involved in the act of publishing: the author, the journal editor, the peer reviewer, the publisher and the society.

Faculty of Agriculture - Universitas Sebelas Maret as publisher of SAINS TANAH-Journal of Soil Science and Agroclimatology takes its duties of guardianship over all stages of publishing extremely seriously and we recognize our ethical and other responsibilities. We are committed to ensuring that advertising, reprint or other commercial revenue has no impact or influence on editorial decisions. In addition, the Department of Soil Science, Faculty of Agriculture, Universitas Sebelas Maret and Editorial Board will assist in communications with other journals and/or publishers where this is useful and necessary.

#### **Publication decisions**

The editor of the Journal is responsible for deciding which of the articles submitted to the journal should be published. The validation of the work in question and its importance to researchers and readers must always drive such decisions. The editors may be guided by the policies of the journal's editorial board and constrained by such legal requirements as shall then be in force regarding libel, copyright infringement and plagiarism. The editors may confer with other editors or reviewers in making this decision.

#### Fair play

An editor at any time evaluates manuscripts for their intellectual content without regard to race, gender, sexual orientation, religious belief, ethnic origin, citizenship, or political philosophy of the authors.

#### Confidentiality

The editor and any editorial staff must not disclose any information about a submitted manuscript to anyone other than the corresponding author, reviewers, potential reviewers, other editorial advisers, and the publisher, as appropriate.

#### **Disclosure and conflicts of interest**

Unpublished materials disclosed in a submitted manuscript must not be used in an editor's own research without the express written consent of the author.

#### Duties of Reviewers Contribution to Editorial Decisions

Peer review assists the editor in making editorial decisions and through the editorial communications with the author may also assist the author in improving the paper.

#### Promptness

Any selected referee who feels unqualified to review the research reported in a manuscript or knows that its prompt review will be impossible should notify the editor and excuse himself from the review process.

#### Confidentiality

Any manuscripts received for review must be treated as confidential documents. They must not be shown to or discussed with others except as authorized by the editor.

#### Standards of Objectivity

Reviews should be conducted objectively. Personal criticism of the author is inappropriate. Referees should express their views clearly with supporting arguments.

### Acknowledgement of Sources

Reviewers should identify relevant published work that has not been cited by the authors. Any statement that an observation, derivation, or argument had been previously reported should be accompanied by the relevant citation. A reviewer should also call to the editor's attention any substantial similarity or overlap between the manuscript under consideration and any other published paper of which they have personal knowledge.

#### Disclosure and Conflict of Interest

Privileged information or ideas obtained through peer review must be kept confidential and not used for personal advantage. Reviewers should not consider manuscripts in which they have conflicts of interest resulting from competitive, collaborative, or other relationships or connections with any of the authors, companies, or institutions connected to the papers.

#### **Duties of Authors**

#### **Reporting standards**

Authors of reports of original research should present an accurate account of the work performed as well as an objective discussion of its significance. Underlying data should be represented accurately in the paper. A paper should contain sufficient detail and references to permit others to replicate the work. Fraudulent or knowingly inaccurate statements constitute unethical behavior and are unacceptable.

#### Data Access and Retention

Authors are asked to provide the raw data in connection with a paper for editorial review, and should be prepared to provide public access to such data (consistent with the ALPSP-STM Statement on Data and Databases), if practicable, and should in any event be prepared to retain such data for a reasonable time after publication.

#### Originality and Plagiarism

The authors should ensure that they have written entirely original works, and if the authors have used the work and/or words of others that this has been appropriately cited or quoted.

#### Multiple, Redundant or Concurrent Publication

An author should not, in general, publish manuscripts describing essentially the same research in more than one journal or primary publication. Submitting the same manuscript to more than one journal concurrently constitutes unethical publishing behavior and is unacceptable.

#### Acknowledgement of Sources

Proper acknowledgment of the work of others must always be given. Authors should cite publications that have been influential in determining the nature of the reported work.

#### Authorship of the Paper

Authorship should be limited to those who have made a significant contribution to the conception, design, execution, or interpretation of the reported study. All those who have made significant contributions should be listed as co-authors. Where there are others who have participated in certain substantive aspects of the research project, they should be acknowledged or listed as contributors. The corresponding author should ensure that all appropriate co-authors and no inappropriate co-authors are included on the paper and that all co-authors have seen and approved the final version of the paper and have agreed to its submission for publication.

#### Hazards and Human or Animal Subjects

If the work involves chemicals, procedures or equipment that have any unusual hazards inherent in their use, the author must clearly identify these in the manuscript.

#### Disclosure and Conflicts of Interest

All authors should disclose in their manuscript any financial or another substantive conflict of interest that might be construed to influence the results or interpretation of their manuscript. All sources of financial support for the project should be disclosed.

#### Fundamental errors in published works

When an author discovers a significant error or inaccuracy in his/her own published work, it is the author's obligation to promptly notify the journal editor or publisher and cooperate with the editor to retract or correct the paper.

# **GUIDELINES FOR REVIEWERS**

- 1. Please check if the article matches your area of expertise if you feel it does not match, please contact the editor soon. Suggesting an alternative reviewer which matches the article is very much appreciated.
- 2. Please assure you do not have conflict of interest in reviewing the article. If so, please inform the editor immediately.
- 3. Please make sure that you have time to review the article since reviewing is a timeconsuming work.
- 4. After login to the Open Journal System (OJS) of the Sains Tanah Journal, please accept the review request by click "**will do**" the review. If you find problem to Login to the OJS, please contact the administrator: Mr. Sidik Pramono, email: sainstanahuns@gmail.com, phone/ SMS/ WA: +62-81229494145
- 5. Please pay attention to the *due date*, which is the deadline of the review period. Please accomplish your review within the *due date*, but your review soon after the invitation is very much appreciated. The delay of your review decision slows down the review process, this causes waiting for author. We would be very grateful for your support to speed up the review process.
- 6. After you accept the review request in the OJS, you will be able to download the manuscript in word type (.doc). Please download the file.
- 7. Please treat the manuscript as a confidential document, do not share it to anyone else, except with the permission of Editor/s for reviewing purposes.
- 8. Please use the Microsoft Word to comment on the manuscript using the "Review" tool.
- 9. Kindly check the following items:
  - a. Title. Does the title clearly describe the article?
  - b. **Abstract**. Does the abstract sufficiently reflect the article? Does the article provide a novelty in the research field? Is the study important to support the knowledge in the research area?
  - c. **Introduction**. Does the introduction provide enough information regarding the previous studies, the gap and the importance of the study?
  - d. **Materials and Method**. Does the article present the complete information on the materials and method, so that anyone can duplicate the experiment? Does the method was appropriate to approach the problem-solving?
  - e. **Results**. Does the results produced from the procedures in the method section? Please be aware if any data emerges without clear information in the method section. If the data is presented in Table or Figure, please check the clarity and appropriateness of data visualization. Does the Table or Figure easily to understand and interpreted? Please also check the statistical information regarding the data. Does the data clearly explain here? Please check if any data has not been interpreted. If possible, please suggest the author to arrange the data from the most important to less important data.
  - f. **Discussion**. Does the author discuss the data comprehensively by referring to the results? Does the author provide sufficient citation to support or explain the

results? If possible, please suggest author to discuss from the most important finding to less important (supportive information). That is, by considering that the purpose of the study as the most important finding.

- g. **Conclusion**. Does the conclusion meets the study purpose/ purposes and constructed based on the results? Does it arrange simply and easy to understand as a "take home" message? Please make sure there is no any statistical statement in conclusion. If possible, please suggest for any possible further study.
- h. **English**. Overall, does the article is written in good English, so easy to understand and communicative? Does the article need English improvement (proofreading)?
- 10. After you review, please login to the Open Journal System (OJS) of Sains Tanah Journal, complete the "Reviewer's Comments" and upload the file with your comments. Finally, decide the status of the article please select one from the following option.
  - Accept Submission (without revision)
  - Revisions Required
  - Resubmit for Review
  - Resubmit Elsewhere
  - Decline Submission (Reject)
  - After selecting the option, kindly click the "Submit Review" button.

# ACKNOWLEDGMENT TO REVIEWERS IN THIS ISSUE

Contribution from the following Reviewers in this issue was very appreciated for their valuable review comments :

- Abdul Kader Rana, Rural Development Academy (RDA), Bogra, 5842, Bangladesh
- Abdülkadir Sürücü, Harran Üniversitesi, Sanliurfa, Turkey
- Akhmad Rizalli Saidy, Department of Soil, Faculty of Agriculture, Lambung Mangkurat University, Indonesia
- Chusnul Arif, Dept. of Civil and Environmental Engineering, Bogor Agricultural University, Indonesia
- Diah Rachmawati, Faculty of Biology, Universitas Gadjah Mada, Indonesia
- Edson Perez Guerra, Universidade Estadual do Centro Oeste, Brazil
- Emma Trinurani Sofyan, Department of Soil Science, Faculty of Agriculture, Universitas Padjadjaran, Indonesia
- John Tawiah Adomako, Gifu University, United Kingdom
- Johnson Manu, Department of Earth Science, School of Physical and Mathematical Sciences, University of Ghana, Legon-Accra, Ghana
- Mahmoud E.F. Abdel-Haliem, Zagazig University, Egypt
- Mohammad Nurcholis, Universitas Pembangunan Nasional Veteran Yogyakarta, Indonesia
- Muhammad Khoiru Zaki, Gifu University, Gifu, Japan
- Muniyandi Biruntha, Department of Animal Health and Management, Alagappa University, Karaikudi, India
- Narges Omrani, Islamic Azad University, Shahreza Branch, Islamic Republic of Iran
- Neneng Laela Nurida, Indonesian Soil Research Institute (ISRI), Bogor, Indonesia
- Noor Mohsen Jabbar, University of Baghdad, Baghdad; (Scopus Author ID: 56989690200), Iraq
- Nuni Gofar, Universitas Sriwijaya, Indonesia
- Pradip Kumar Bora, Central Agricultural University (Imphal), Shillong, India
- Reni Ustiatik, Brawijaya University, Malang, Indonesia
- Sulakhudin, Department of Soil Science, Faculty of Agriculture, Tanjungpura University, Kalimantan, Indonesia
- Torbjorn Skytt, Mid Sweden University, Department of Ecotechnology and Sustainable Building Engineering, Sweden

# SUBMISSION INFORMATION

#### **GUIDING PRINCIPLES**

SAINS TANAH-Journal of Soil Science and Agroclimatology is published in both printed and online versions, in English. An acceptable manuscript will meet the following general criteria: it reports a worthwhile contribution to science, the sound methodology was used and is explained in sufficient detail so that other capable scientists could repeat the experiments, conclusions are supported by data, manuscripts is concise, well written, and understandable.

#### MANUSCRIPT FORMAT

The manuscript should give in soft copy and arrange in SAINS TANAH-Journal of Soil Science and Agroclimatology standard format, Title, Authors, Address and Email, Abstract, Keywords, Introduction, Materials and Methods, Result, Discussion, Conclusion and Suggestion, Acknowledgment, and References. Typed at one side of the white paper of A4 size, in a single column. (*based on the Author Guidelines https://jurnal.uns.ac.id/tanah/about/submissions#authorGuidelines* )

#### SUBMISSION PREPARATION CHECKLIST

As part of the submission process, authors are required to check off their submission's compliance with all of the following items, and submissions may be returned to authors that do not adhere to these guidelines.

- 1. All authors have significantly contributed to the research. All authors are obliged to provide retractions or corrections of mistakes, in case of detection.
- 2. The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- 3. The submission file is in OpenOffice, Microsoft Word, RTF, or WordPerfect document file format.
- 4. Where available, URLs for the references have been provided.
- 5. The text is single-spaced; uses an 11-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- 6. The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which is found in About the Journal.
- 7. If submitting to a peer-reviewed section of the journal, the instructions in Ensuring a Blind Review have been followed.





# ISSN: 1412 – 3606 e-ISSN : 2356 – 1424 Sains Tanah Journal of Soil Science and Agroclimatology

# TABLE OF CONTENTS VOLUME 17 ISSUE 2, DECEMBER 2020

## **RESEARCH ARTICLE**

1.	Effects of light intensity and co-inoculation of arbuscular mycorrhizal fungi and rhizobiur	
	on root growth and nodulation of Indigofera tinctoria (Maria Theresia Sri Budiastuti, Djo	
	Purnomo, Supriyono, Bambang Pujiasmanto, Desy Setyaningrum)	94-99
2.	Using soil quality index plus to assess soil conditions and limiting factors for dryland	
	farming (Latief Mahir Rachman)	100-107
3.	Silicon (Si) and salinity stress on the agronomic performances of bok choy (Brassica	
	rappa L.) in an Entisols (Kharisun, Mochamad Nazarudin Budiono, Nur Prihatiningsih,	
	Ratri Nurhidayah, Ningsih Lamorunga)	108-114
4.	Characteristics of Inceptisols derived from basaltic andesite from several locations in	
	volcanic landform (Rufaidah Qonita Muslim, Pronika Kricella, Mira Media Pratamaningsi	h,
	Setiyo Purwanto, Erna Suryani, Sofyan Ritungung)	115-121
5.	Improving nitrogen fertilizer efficiency with the addition of compost extracts to kailan	
	(Brassica oleracea L.) plants with wick hydroponic cultivation (Tri Fitriani, Darwin Habins	aran
	Pangaribuan, Ainin Niswati, Sri Yusnaini)	122-128
6.	Methane flux from high-yielding Inpari rice varieties in Central Java, Indonesia	
	(Anicetus Wihardjaka, Eni Yulianingsih, Hesti Yulianingrum)	129-134
7.	Characteristics of Ultisols derived from basaltic andesite materials and their association	
	with old volcanic landforms in Indonesia (Setiyo Purwanto, Rachmat Abdul Gani,	
	Erna Suryani)	135-143
8.	Soil fertility status and sweet potato cultivation in composted mounds under humid	
	lowland tropical climatic conditions (Patrick S. Michael)	144-151
9.	The kinetics curve of nitrogen mineralization from perennial leaves litter decomposed	
	by earthworm (Phretima californica) (Kartika Utami, Eko Hanudin, Makruf Nurudin)	152-160
10	Controls on the net dissolved organic carbon production in tropical peat	
	(Siti Nurzakiah, Atang Sutandi, Supiandi Sabiham, Gunawan Djajakirana, Untung Sudadi	) 161-169

## **REVIEW ARTICLE**

11. Role and perspective of Azotobacter in crops production (Reginawanti Hindersah, Nadia	
Nuraniya Kamaluddin, Suman Samanta, Saon Banerjee, Sarita Sarkar)	170-179
12. Tin mining process and its effects on soils in Bangka Belitung Islands Province, Indonesia	
(Sukarman, Rachmat Abdul Gani, and Asmarhansyah)	180-189







