

COVER PAGE

I. Manuscript Title

First Author ^{1*}, Second Author²⁾ and Third author³⁾ (Times New Roman, 12)

Manuscript has main author and co authors. Author names should not contain academic title or rank. Indicate the corresponding author clearly for handling all stages of pre-publication and post-publication. Consist of full name author and co authors. Corresponding author is a person who is willing to handle correspondence at all stages of refereeing and publication, also post publication.

II. First author:

1. Name : (Author names should not contain academic title or rank)
2. Afiliation :
3. E-mail :
4. Orcid ID : (if the author doesn't have the ID please register at <https://orcid.org/>)
5. Contribution to this Manuscript:

.....

III. Second author:

1. Name : (Author names should not contain academic title or rank)
2. Afiliation :
3. E-mail :
4. Orcid ID: (if the author doesn't have the ID please register at <https://orcid.org/>)
5. Contribution to this Manuscript:

.....

IV. Third author:

1. Name : (Author names should not contain academic title or rank)
2. Afiliation :
3. E-mail :
4. Orcid ID: (if the author doesn't have the ID please register at <https://orcid.org/>)
5. Contribution to this Manuscript:

.....

V. Acknowledgement

.....
.....
.....

VI. Reviewers Candidate :

..... Scopus/Orcid ID:

..... Scopus/Orcid ID:

TITLE (Times New Roman, Bold, 14 pt, Center)

The title should be short and describe the substance of the text. The first letter of all words must be capital letters, except for articles, prepositions, and conjunctions. Use the common name for the species is already known in general. Cultivar name may be used only for comparison or when the characteristics of the cultivars needs to be emphasized. Do not use abbreviations except for general terms. Serial title shows a series of related papers are not recommended, unless the submissions should be sent together

First author name*, Second Author Name, Third Author Name (TNR, 12 pt, center)

Full name of the individual authors and institutions where the research was conducted, in accordance with a mailing address. Give an asterisk (*) in the contact person for correspondence.

First author intitution's (TNR, 12 pt, center)

Second author intitution's (TNR, 12 pt, center)

Third author intitution's (TNR, 12 pt, center)

***corresponding email:abcd@abcd.com (Times New Roman, Bold, 10 pt, Center)**

ABSTRACT (Times New Roman, Bold, 12 pt, Align text left)

The conten of Abstract written using Times New Roman, 10 pt, justify. Abstract should be written in short paragraphs and containing materials, objectives, main observations, results and conclusions. Abstracts should not exceed 250 words. Use chemical name is followed by the common name in parenthesis when first mentioned, and then later use common names. Abstracts should not contain any undefined abbreviations or references.

Keywords (Times New Roman, Bold, 10 pt, Align text left): The conten of Keywords writteng using Times New Roman, 10, Align text left. Add keywords as much as 3-5 words or phrases in alphabetical order, which has not been used in the title. Species, common name, chemical name, the term physiological or pathological, and genetic terms can be used as a keyword.

INTRODUCTION (Times New Roman, Bold, 12 pt, Align text center)

The conten of Introduction witten using Times New Roman, 11 pt, align text justify, single space. The introduction should provide the necessary background information the general reader, complete and concise. Previous publications that provide the basis for the research published must be cited.

MATERIALS AND METHODS (Times New Roman, Bold, 12 pt, Align text center)

The conten of Materials and Methods witten using Times New Roman, 11 pt, align text justify, single space. In the Materials and Methods section, experimental procedures should be explained in detail to be followed by other researchers. This section should be made as short as possible with reference to the procedures that have been issued, unless the method used here is a heavily modified. The scientific name of the species and cultivar names used should write although it has been mentioned in the abstract or introduction. The size, number, and the manufacturer of the material should be shown in a common name. Treatment, experimental design, and statistical methods should be described in detail. The method generally known or analysis can be briefly described by quoting the relevant reference.

RESULTS AND DISCUSSION (Times New Roman, Bold, 12 pt, Align text center)

The conten of Result and Discussion witten using Times New Roman, 11 pt, align text justify, single space. The results contain the results given in detail, with tables and figures as needed. The results can be expressed easily in the text should not be administered in the form of tables or figures. The discussion should not contain repetition of the results, but must explain the significance of the findings and conclusions of the author, along with a discussion of any differences / contradictions with the publication / previous reports. Results and discussion can be combined if this merger allows the reader in understanding the results of research.

Equation:

$$H' = -\sum_{i=1}^s (P_i)(\log_2 P_i) \dots\dots\dots (1)$$

Remarks:

Figures and Tables placed separated in last page of manuscript.

CONCLUSIONS (Times New Roman, Bold, 12 pt, Align text center)

The content of Conclusions written using Times New Roman, 11 pt, align text justify, single space. Conclusions should answer the objectives of research. Tells how your work advances the field from the present state of knowledge. Without clear Conclusions, reviewers and readers will find it difficult to judge the work, and whether or not it merits publication in the journal. Do not repeat the Abstract, or just list experimental results. Provide a clear scientific justification for your work, and indicate possible applications and extensions. You should also suggest future experiments and/or point out those that are underway.

REFERENCES (Times New Roman, Bold, 12 pt, Align text center)

The content of References written using Times New Roman, 11 pt, align text justify, single space. The author-year notation system is required and completed. All reference mentioned should be written down in reference using HARVARD style and arranged from A to Z. Articles have 10 recent references or over and 80% is journal. The most of references are primary ones (last five years). **Unpublished data and personal communication should not be cited as literature citations.** "In Press" articles that have been accepted for publication may be cited in references. Include in the citation the journal in which the "in press" article will appear and the publication date, if a date is available. References must be written using 340 until 670 words or consist of 10 until 20 references.

Harvard Reference List Overview

Reference lists are created to allow readers to locate original sources themselves. Each citation in a reference list includes various pieces of information including the:

1. Name of the author(s)
2. Year published
3. Title
4. City published
5. Publisher
6. Pages used

Generally, Harvard Reference List citations follow this format:

- Last name, First Initial. (Year published). *Title*. City: Publisher, Page(s).

Citations are listed in alphabetical order by the author's last name.

If there are multiple sources by the same author, then citations are listed in order by the date of publication.

Harvard Reference List Citations for Books with One Author

The structure for a Harvard Reference List citation for books with one author includes the following:

- Last name, First initial. (Year published). *Title*. Edition. (Only include the edition if it is not the first edition) City published: Publisher, Page(s).

If the edition isn't listed, it is safe to assume that it is the first addition, and does not need to be included in the citation.

Example: One author AND first edition:

- Patterson, J. (2005). *Maximum ride*. New York: Little, Brown., pp. 75-80

Example: One author AND NOT the first edition

- Dahl, R. (2004). *Charlie and the chocolate factory*. 6th ed. New York: Knopf., pp. 35-40

Harvard Reference List Citations for Books with Two or More Authors

When creating a citation that has more than one author, place the names in the order in which they appear on the source. Use the word "and" to separate the names.

- Last name, First initial. and Last name, First initial. (Year published). *Title*. City: Publisher, Page(s).

Author's Template of Ilmu Pertanian (Agricultural Science)

Example:

- Desikan, S. and Ramesh, G. (2006). *Software testing*. Bangalore, India: Dorling Kindersley, p.156.
- Vermaat, M., Sebok, S., Freund, S., Campbell, J. and Frydenberg, M. (2014). *Discovering computers*. Boston: Cengage Learning, pp.446-448.
- Daniels, K., Patterson, G. and Dunston, Y. (2014). *The ultimate student teaching guide*. 2nd ed. Los Angeles: SAGE Publications, pp.145-151.

* remember, when citing a book, only include the edition if it is NOT the first edition!

Harvard Reference List Citations for Chapters in Edited Books

When citing a chapter in an edited book, use the following format:

- Last name, First initial. (Year published). Chapter title. In: First initial. Last name, ed., *Book Title*, 1st ed.* City: Publisher, Page(s).
- Bressler, L. (2010). My girl, Kylie. In: L. Matheson, ed., *The Dogs That We Love*, 1st ed. Boston: Jacobson Ltd., pp. 78-92.

* When citing a chapter in an edited book, the edition is displayed, even when it is the first edition.

Harvard Reference List Citations for Multiple Works By The Same Author

When there are multiple works by the same author, place the citations in order by year. When sources are published in the same year, place them in alphabetical order by the title.

Example:

- Brown, D. (1998). *Digital fortress*. New York: St. Martin's Press.
- Brown, D. (2003). *Deception point*. New York: Atria Books.
- Brown, D. (2003). *The Da Vinci code*. New York: Doubleday.

Harvard Reference List Citations for Print Journal Articles

The standard structure of a print journal citation includes the following components:

- Last name, First initial. (Year published). Article title. *Journal*, Volume (Issue), Page(s).

Examples:

- Ross, N. (2015). On Truth Content and False Consciousness in Adorno's Aesthetic Theory. *Philosophy Today*, 59(2), pp. 269-290.
- Dismuke, C. and Egede, L. (2015). The Impact of Cognitive, Social and Physical Limitations on Income in Community Dwelling Adults With Chronic Medical and Mental Disorders. *Global Journal of Health Science*, 7(5), pp. 183-195.

Harvard Reference List Citations for Journal Articles Found on a Database or on a Website

When citing journal articles found on a database or through a website, include all of the components found in a citation of a print journal, but also include the medium ([online]), the website URL, and the date that the article was accessed.

Author's Template of Ilmu Pertanian (Agricultural Science)

Structure:

- Last name, First initial. (Year published). Article Title. *Journal*, [online] Volume(Issue), pages. Available at: URL [Accessed Day Month Year].

Example:

- Raina, S. (2015). Establishing Correlation Between Genetics and Nonresponse. *Journal of Postgraduate Medicine*, [online] Volume 61(2), p. 148. Available at: <http://www.proquest.com/products-services/ProQuest-Research-Library.html> [Accessed 8 April 2015].

Harvard Reference List Citations for Thesis/Dissertation

When citing a thesis/dissertation, use the following structure:

- Last name, First initial. (Year published). *Title*. Degree statement. Degree-awarding body

Example:

- Gregory, S. (1970). *English military intervention in the Dutch revolt*. B.A. Thesis. University of Birmingham.

Harvard Reference List Citations for Websites

When citing a website, use the following structure:

- Last name, First initial. (Year published). Page title. [online] Website name. Available at: URL [Accessed Day Month Year].

When no author is listed, use the following structure:

- Website name. (Year published). *Page title*. [online] Available at: URL [Accessed Day Month Year].

Example:

- Messer, L. (2015). *'Fancy Nancy' Optioned by Disney Junior*. [online] ABC News. Available at: <http://abcnews.go.com/Entertainment/fancy-nancy-optioned-disney-junior-2017/story?id=29942496#.VRWbWJwmb0.twitter> [Accessed 31 March 2015].
- Mms.com. (2015). *M&M'S Official Website*. [online] Available at: <http://www.mms.com/> [Accessed 20 April 2015].

Harvard Reference List Citations for eBooks and PDFs

When citing eBooks and PDFs, include the edition, even if it's the first edition, and follow it with the type of resource in brackets (either [ebook] or [pdf]). Include the url at the end of the citation with the date it was accessed in brackets.

Use the following structure:

- Last name, First initial. (Year published). *Title*. Edition. [format] City: Publisher, page(s). Available at: URL [Accessed Day Month Year].
- Zusack, M. (2015). *The Book Thief*. 1st ed. [ebook] New York: Knopf. Available at: <http://ebooks.nysl.org/> [Accessed 20 April 2015].
- Robin, J. (2014). *A handbook for professional learning: research, resources, and strategies for implementation*. 1st ed. [pdf] New York: NYC Department of Education. Available at <http://schools.nyc.gov/> [Accessed 14 April 2015].

Figures and Tables

Figures and tables should be **editable** ones.

Figures should be drawing in white and black colour and figures's remarks placed in bottom with before 3pt. The title of figures placed after the remarks with single space.

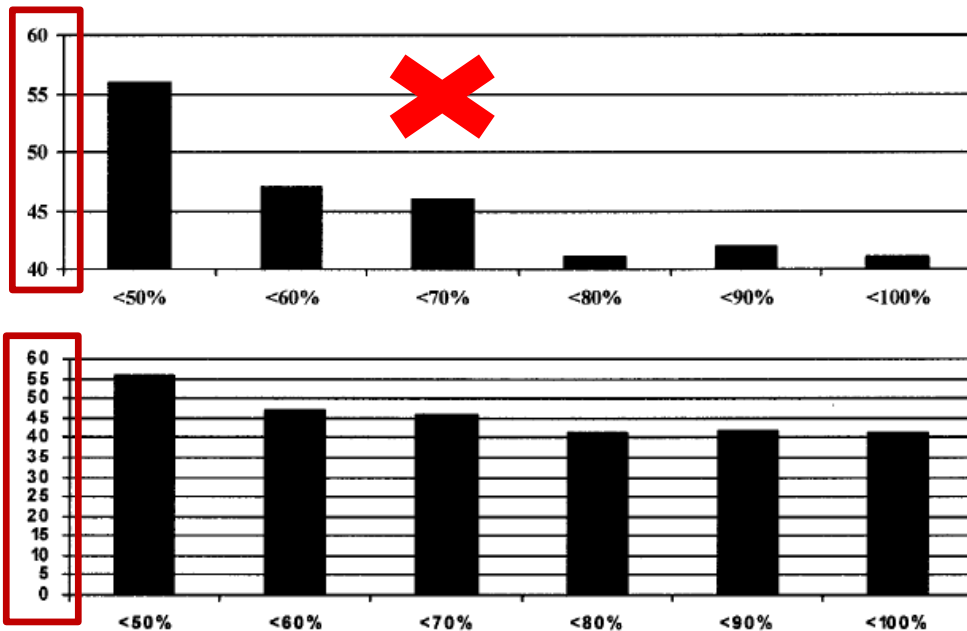
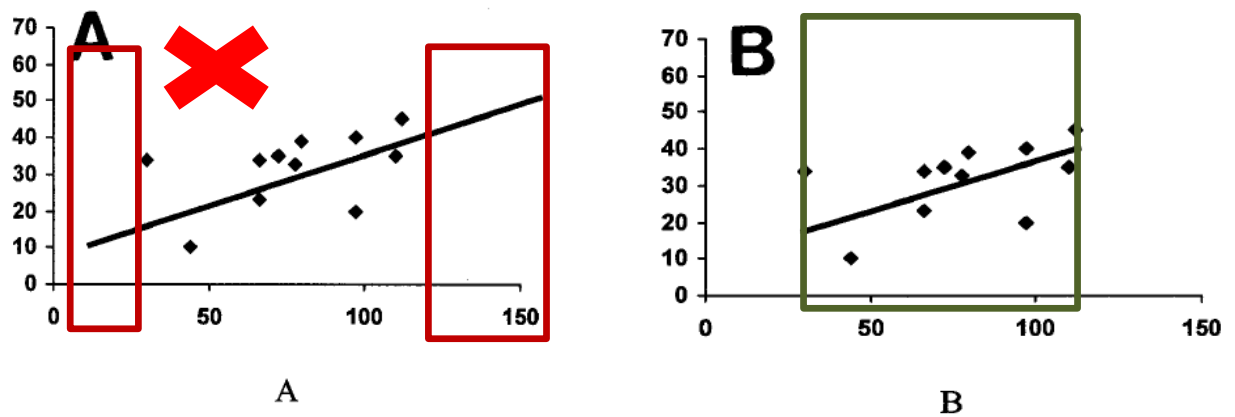


Figure 1.....

The title of tables should be written first with Times New Roman 10 pt. Content of the tables should be written using Times New Roman 10 single space and the remarks of tables placed in the bottom with Times New Roman 9, single space.

Table 1. NRA, leaves greenish, stomatal density and width openings, photosynthesis rate, and productivities of nine PGL clones

Clones	NRA ($\mu\text{mol NO}_2\text{g}^{-1}\text{hour}^{-1}$)		Leaves Greenish (SPAD Unit)		Stomatal density (stomata mm^{-2})		Stomatal width openings (μm)		Photosynthesi s rate ($\mu\text{mol CO}_2\text{ m}^{-2}\text{s}^{-1}$)		Productivity (g $\text{m}^{-2}\text{ plucking}^{-1}$)	
PGL 1	0.678	a	59.39	a	100.22	g	0.015	e	98.66	a	9.250	ab
PGL 3	0.857	a	60.99	a	120.67	e	0.022	c	97.66	a	10.379	ab
PGL 4	1.042	a	59.54	a	110.00	f	0.028	b	105.58	a	10.301	ab
PGL 7	0.654	a	57.79	a	79.33	h	0.011	f	97.03	a	6.969	b
PGL 10	1.068	a	61.73	a	135.33	d	0.019	d	101.33	a	10.385	ab
PGL 11	1.056	a	63.09	a	155.78	c	0.023	c	102.26	a	10.726	ab
PGL 12	1.144	a	63.14	a	173.56	b	0.031	a	109.23	a	13.409	a
PGL 15	1.279	a	63.26	a	224.67	a	0.029	ab	120.73	a	13.547	a
PGL 17	0.907	a	59.59	a	117.11	e	0.022	c	102.90	a	10.305	ab
Mean	0.965		60.95		135.19		0.022		103.93		10.585	
CV (%)	14.26		5.30		2.80		6.270		13.78		24.789	

Remark : The means in one column followed by the same letter were not significantly different according to DMRT (α 5%)

Faculty of Agriculture
Universitas Gadjah Mada

Jl. Flora, Bulaksumur, Yogyakarta 55281, Indonesia
Phone/Fax: 62-274-563062, +628112632106
E-mail: jip.faperta@ugm.ac.id

