

Author Guidelines

E-Journal Menara Perkebunan

Manuscripts. Manuscript for Menara Perkebunan publication can be an original research result, technology development, reviews on biotechnology and bioindustry and their applications in agriculture, health and environment as well as other aspects of biotechnology. The manuscript can be written in Indonesian and English, accompanied by abstracts in the two languages. In general, the manuscript is written down in A4 page size, using Times New Roman with 12pt, 1.5 spaces (except abstract 1 space), and each page is numbered on the bottom right.

The manuscript consists of:

Title

Abstract (in Indonesian and English)

Introduction

Materials and Methods

Results and Discussion

Conclusions

Suggestions (if any)

Acknowledgments (If any)

References

Tables/Figures.

Title of Manuscript. The title must be concise, factual and informative which accurately reflects the content of the text and not more than fifteen (15) words. If manuscript is written in Indonesia, the main title is in Indonesia (Times New Roman, 14pt, no capital, bold, 1.5 space), followed by the English title under the main title (Times New Roman, 12pt, no capital, italic, 1.5 space), vice versa. Author's name, institution information (name, address, city, and postal code), and e-mail of the corresponding author(s) are put below the title (Times New Roman, 12pt).

The example of manuscript title:

Karakteristik antibodi anti *Ganoderma* sp. yang dihasilkan dari jenis dan sumber antigen yang berbeda

Characteristics of antibodies against Ganoderma sp. produced from different types and sources of antigens

Irma KRESNAWATY ^{1*)}, Kholis A. AUDAH ²⁾, Hasim MUNAWAR ³⁾ & Happy WIDIASTUTI ¹⁾

¹⁾ Pusat Penelitian Bioteknologi dan Bioindustri Indonesia, Jl. Taman Kencana No.1, Bogor 16128, Indonesia

²⁾ Universitas Swiss Jerman, The Prominence Tower, Jl. Jalur Sutera Barat Kav. 15, Alam Sutera, Panunggangan Tim., Pinang, Tangerang 15143, Indonesia

³⁾ Balai Besar Veteriner, Jl. R.E Martadinata No.30, Bogor 16114, Indonesia

Abstract. Consists of Indonesian and English abstracts. The number of words is not more than 250, containing the essence of all writing which includes the objectives, materials and methods, results and conclusions (Times New Roman, 12pt, 1 space). If manuscript is written in Indonesia, write the abstract first in English, vice versa.

Keywords. A minimum of three to five key words consisting of one word or a combination of words that indicate the main subjects in the script, and have not been mentioned in the title. Key words are arranged in alphabetical order according to the language used in manuscript. (Times New Roman, 12pt)

Introduction. The introduction contains the background and the objective(s) of your research. In this section, explain the research problem(s) supported by some literature, briefly mention how previous relevant studies have done to address the problem(s), and clearly state the aim(s) of your study. (Times New Roman, 12pt, 1.5 spaces)

Materials and Methods. Consists of materials and methods used in this research. Time and place of the research should be mentioned only for the research done in field. (Times New Roman, 12pt, 1.5 spaces, and title of sub-chapters are written in italic)

Results and Discussion. Provide the main results, supporting results, and discussion of each sub-chapters. Some previous relevant studies need to be cited to support the research results. (Times New Roman, 12pt, 1.5 spaces, and title of sub-chapters are written in italic)

Conclusion. Contains the conclusions of the results of the study, answering the objectives of the study (Times New Roman, 12pt, 1.5 spaces)

Scientific name. For the first time writing, the scientific name is written in full including the name of the inventor. After that it can be shortened to the initial letter. If using a name in Indonesian or regional, for the first time it must be accompanied by a scientific name.

Abbreviation. Abbreviations should be defined at first mention and used consistently thereafter. Long chemical terms are abbreviated in accordance with applicable regulations, for example DNA, RNA, ATP etc. Date cannot be abbreviated. Units of measure are written in full unless, if preceded by a number such as g, mg, mL. Numbers in the text from zero to ten are written with letters, except those followed by units of measure written in Arabic numbers, for example 3 tons, 7 mL, fractional numbers are written in decimal places. Write the unit $\text{mg}\cdot\text{L}^{-1}$. Numbers with decimal fractions use comma (,) for Indonesian script and period (.) for English script. Number that represents thousands use period (.) for Indonesian script and comma (,) for English script.

Acknowledgments. All acknowledgments, including people, grants, funds, and potential conflicts of interest should be included. The names of funding organizations should be written in full. (Times New Roman, 12pt, 1.5 spaces)

References. References should be arranged alphabetically using **CBE Council of Biology Editors 1994** style. The literature used as reference should be actual library sources including journals, patents, theses, proceedings, and textbooks. Unpublished data should not be cited as literature. Literature used as a reference should be at least 80% of recent literature (published in the last 10 years) and maximum 20% of old journals and books. Some examples of references writing in CBE Council of Biology Editors 1994 style are provided below:

Book

Tan KH (2003). *Humic Matter in Soil and Environment*. New York, Marcel Dekker.

Journal

Ahmad N, F Hassan & G Qadir (2007). Effect of subsurface soil compaction and improvement measures on soil properties. *Int J Agric & Biol* 9(3), 510-513.

Chapters in Book

Patrino GP & W Ansoerge-Oades (2005). Molecular diagnostics: past, present, and future. *In: Patrinos GP & W Ansoerge (eds.), Molecular Diagnostic*. Amsterdam, Elsevier Academic Press. p. 1-12.

Proceedings

Solichin A & JB Calvin (2007). Utilization of coal material for drying systems in crumb rubber processing. *In: Proc Int Rubb Conf & Exhibition*. Bali, 13-15 June 2007 p, 265-269

Information from the internet

Dunford N (2002). *ADM Launches Fat-Fighting Cooking Oil*. *Food & Agricultural Products Center*. December 17, 2002. Diunduh dari [http://www.fapc.okstate.edu/FAPC-Flash/newcooking oil.pdf](http://www.fapc.okstate.edu/FAPC-Flash/newcooking%20oil.pdf). [21 Juli, 2009]

Tables and Figures. Table and figure titles are kept concise and clear, written in Indonesian and English. The title of the table is placed on top of the table, the title of the figure is placed below the relevant figure (Times New Roman, 10pt, 1 space). Statistical graphics are accompanied by source data files (Microsoft Excel program) for easy editing. All tables must be referred to in the text. Tables must be written in table format from Microsoft Excel (.xlsx). The table numbering is made sequentially. The title of the table is written briefly but completely. The title and head of the table use capital letter at the beginning of the sentence. Vertical lines are not used. Footnotes use numbers with closing brackets and type superscript. The * or ** sign is used to indicate the real rates at 5% and 1% respectively. If other real levels are used, use additional symbol.

Example for Table:

Tabel 1. Aktivitas hidrolisat protein terhadap perkecambahan dan pertumbuhan awal kacang hijau
Table 1. Protein hydrolysates activity on germination and early growth of mung bean

Perlakuan <i>Treatment</i>	Daya berkecambah (%) <i>Germination rate (%)</i>	Bobot basah (mg) <i>Fresh weight (mg)</i>	
		Akar <i>Root</i>	Koleoptil <i>Coleoptile</i>
Akuades	38,3 ^a	70,4 ^a	311,5 ^{bc}
Blanko	21,7 ^a	74,8 ^{ab}	289,4 ^a
TB 5 ppm	31,7 ^a	81,1 ^b	318,6 ^{bcd}
TB 10 ppm	43,3 ^{ab}	98,4 ^{cd}	341,3 ^e
TB 20 ppm	31,7 ^a	103,4 ^d	339,7 ^e
TI 5 ppm	46,7 ^{ab}	103,0 ^d	328,9 ^{cde}
TI 10 ppm	63,3 ^b	92,2 ^c	333,4 ^{ab}
TI 20 ppm	30,0 ^a	101,7 ^d	336,2 ^{de}

*) Angka dalam kolom yang sama yang diikuti oleh huruf yang sama berarti tidak berbeda nyata menurut uji jarak berganda Duncan pada $\alpha = 0,05$

*) Means in the same column followed by the same letters are not significantly different according to Duncan's multiple range test at $\alpha = 0,05$

Keterangan: TB=Tepung bulu ayam; TI=Tepung ikan rucah

Notes: TB=Chicken feather meal, TI=Trash fish meal

Example for figure:

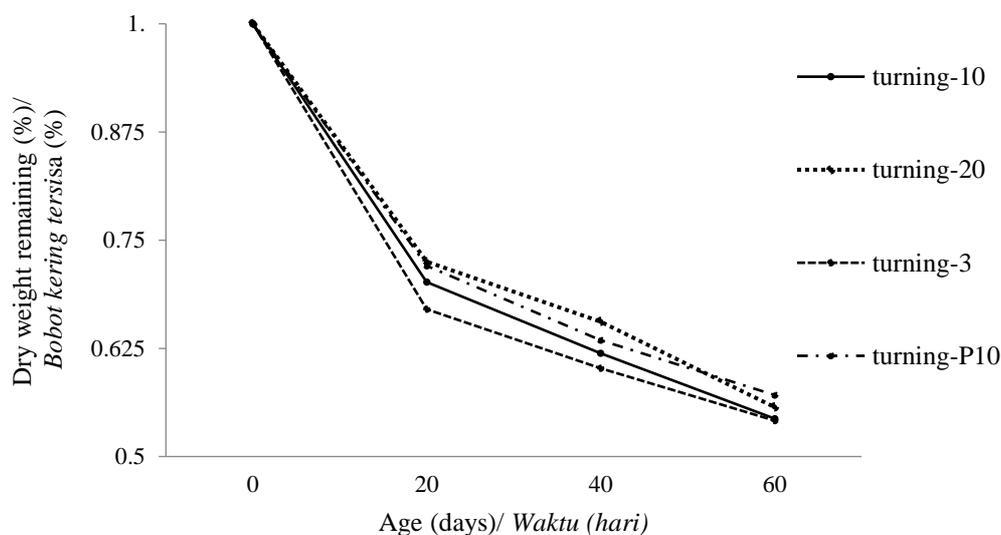


Figure 4. Effect of the turning frequency on the dry weight reduction during composting, expressed as a fraction of the original dry weight of the EFB piles. Level of confidence is 95% based on ANOVA

Gambar 4. Pengaruh frekuensi pembalikan terhadap berat kering selama pengomposan, dinyatakan sebagai fraksi dari berat kering awal. Tingkat kepercayaan pada interval 95% berdasarkan analisis ANOVA

Submission and Selection Mechanism. The manuscript is uploaded on the e-journal mp.iribb.org. All articles submitted to Menara Perkebunan must include "Author(s) submission statement form" which was signed by all authors. The form must be sent to Menara Perkebunan: menaraperkebunanppbbi@gmail.com. Submitted manuscript will be assessed by the Editorial Board. If the manuscript is in accordance with the mission of the journal, it will

be reviewed by internal reviewer and Peer reviewer. The reviewed manuscript will be returned to the author for revision, and the author must send back the revised manuscript to the Editor within 7 days.

After Acceptance. Accepted manuscript will be processed for publishing, including copyediting, layout editing, and proofreading. The purpose of proofreading is to check for typesetting or conversion errors and the completeness and accuracy of the text, tables, and figures. Substantial changes in content, e.g. new results, corrected values, title and authorship are not allowed without the approval of the Editor. The manuscript will be published online after receipt of the corrected proofs. This is the official first publication citable with the DOI.

Author Fee

Article submission, processing, and publishing in Menara Perkebunan are free of charge.