

Planta Tropika



Vol. 12 No. 2
August 2024



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Planta Tropika

Planta Tropika focuses related to various themes, topics and aspects including (but not limited) to the following topics Agro-Biotechnology, Plant Breeding, Agriculture Waste Management, Plant Protection, Soil Science, Post Harvest Science and Technology, Horticulture. Planta Tropika published two times a year (February and August) by Universitas Muhammadiyah Yogyakarta in collaboration with Indonesian Association of Agrotechnology / Agroecotechnology (PAGI) and Perhimpunan Agronomi Indonesia (PERAGI). The subscriptions for one year : IDR 350.000.

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Editorial

Journal of Planta Tropika ISSN 0216-499X published by Study Program of Agrotechnology, Faculty of Agriculture, Universitas Muhammadiyah Yogyakarta, is journal presenting scientific articles of agricultural science (Journal of Agro Science). With full sense of gratitude to the Almighty Allah, Volume 12 Number 2 for the year of 2024 has been published.

In this edition, Journal of Planta Tropika presents eight research articles in the field of Agro sciences comprising soil and plant nutrition, plant protection, plant breeding, plant physiology. The scientific articles discuss about:

(1) Physiological Response of Two Amaranth Varieties (*Amaranthus tricolor* L.) to Urea Applications, (2) Effects of Water Clover Density and Submerged NPK Fertilizer on Rice Production, (3) Goatweed Flower Extract (*Ageratum conyzoides* L.) as a Botanical Insecticide for Pest Control *Crocidolomia binotalis* Z., (4) Estimating SPAD, Nitrogen Concentration, and Chlorophyll Content in Rice Leaves using Calibrated Smartphone Digital Image, (5) Floral Morphological Variation in Black Pepper (*Piper nigrum* L.) Varieties and Hybrid Lines, (6) Abundance, Attack Intensity, and Distribution of *Spodoptera frugiperda* J.E. Smith in Kulon Progo, Yogyakarta, (7) Physiological Traits of Vanilla Plant (*Vanilla planifolia* Andrew) in Various Types of Shade Trees, (8) Quality Coefficient on Gene Differentiation and Phenotype: Clone Assessment of *Saccharum officinarum* Linn.

The editors would like to thank the authors, reviewers, executive editors, leaders and LRI UMY for their participation and cooperation. Our hope, this journal can be useful for readers or be a reference for other researchers and useful for the advancement of the agriculture.

Editors

GUIDE FOR AUTHORS

TYPE OF PAPERS

PLANTA TROPIKA receives manuscripts in the form of research papers in Bahasa Indonesia or English. The manuscript submitted is a research paper that has never been published in a journal or other publication.

SUBMISSION

The submission of the manuscript is done through our journal website <http://journal.umy.ac.id/index.php/pt/index>. If you need information regarding the process and procedure for sending the manuscript, you can send it via email at plantatropika@umy.ac.id. Editor's address: Program Studi Agroteknologi, Fakultas Pertanian, Universitas Muhammadiyah Yogyakarta, Jl. Brawijaya, Taman-tirto, Kasihan, Bantul, Telp (0274) 387646 psw 224, ISSN: 2528-7079.

ARTICLE STRUCTURE

The submitted manuscripts should consist of 15-20 pages of A4 size paper with 12-point Times New Roman fonts, 1.5 spacing with left-right margin and top-bottom of the paper is 2.5 cm each. All manuscript pages including images, tables and references should be page-numbered. Each table or picture should be numbered and titled.

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INTRODUCTION : This section describes: (i) the general background of the research (concise and clear), (ii) a review of the results of previous research that is relevant and up to date, (iii) clearly provides a statement of novelty (gap analysis) which contains the urgency and novelty of the research, as well as the objectives of the study. The introduction is written without numbering and / or pointers. The introduction is written in 750-1000 words.

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ACKNOWLEDGEMENT : This section is used if needed. This section is provided for authors to express their gratitude to either the party who funded the research, facilities, or suggestions; also for a statement if the article is part of a thesis / dissertation.

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Aiman, U., Tantriati, T., & Sriwijaya, B. (2017). Pemberian Macam Konsorsium Bakteri Hasil Isolasi Tumbuhan Pantai pada Kangkung (*Ipomoea reptans* Poir.). *Planta Tropika*, 5(1), 1-6. <https://doi.org/10.18196/pt.2017.065.1-6>

REFERENCE TO A THESIS/DISSERTATION

Miranda, C. (2019). *Exploring the lived experiences of foster youth who obtained graduate level degrees: Self-efficacy, resilience, and the impact on identity development* (Publication No. 27542827) [Doctoral dissertation, Pepperdine University]. PQDT Open. <https://pqdtopen.proquest.com/doc/2309521814.html?FMT=AI>

REFERENCE TO AN ARTICLE IN PROCEEDING

Sarjiyah, Setiawan, D. A., & Rineksane, I. A. (2021). Shallot extract enhance root growth in crystal guava (*Psidium guajava*) stem cuttings. *IOP Conference Series: Earth and Environmental Science*, 752(1), 012050. <https://doi.org/10.1088/1755-1315/752/1/012050>

REFERENCE TO A REPORT GOVERNMENT

Ministry of Agriculture. (2019). *Taking time: Support for improve agriculture product* (MOA Publication No. 18-2059). Indonesia. Department of Crop Production, Ministry of Agriculture. <https://psp.pertanian.go.id/>

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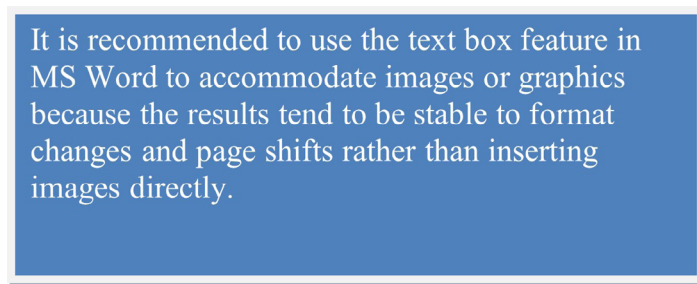


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