

**BUKTI KORESPONDENSI  
ARTIKEL JURNAL INTERNASIONAL BEREPUTASI**

Judul	:	Optimizing fertilizer packages and soil amendments for corn with Chromolaena odorata liquid organic fertilizer
jurnal	:	International Journal of Agricultural Technology
penulis	:	Jamilah

No	Perihal	Tanggal
1	Bukti konfirmasi submit artikel dan artikel yang disubmit	11 Juni 2024
2.	Bukti konfirmasi review dan hasil review	7 September 2024
3.	Accept	10 September 2024
4.	Bukti konfirmasi pembayaran	11 September 2024
5	Informasi lalu lintas jurnal yang akan dipublikasi	16 September 2024
6	Your paper (doi 15.2249 IJAB-24-0194) will appear in our upcoming Issue with doi serial no. please wait	17 September 2024
7	Please see the receipt, accepted letter in the attached file and reconfirm the manuscript final proof <b>within 3 days</b> , please mark it as <b>yellow background</b> for any changes. Please check references again.	19 September 2024
8	Masih ada kesalahan dalam penulisan references, sehingga perlu Revisi pustaka	21 September 2024
9	Perbaiki tulisan mengikuti format jurnal	30 Septmber 2024
10	Pending publication	17 November 2024
11	Publikasi	December 2024

## Tanggal 11 Juni Bukti konfirmasi submit artikel dan artikel yang disubmit

The screenshot shows the author dashboard for the International Journal of Agricultural Technology. The page is titled "International Journal of Agricultural Technology" and includes a "Back to Submissions" link. The main content area is divided into "Workflow" and "Publication" tabs. Under "Publication", there are sub-tabs for "Submission", "Review", and "Copyediting". The "Submission Files" section lists two files: "article.jamilah24.docx" (ID 15406, dated June 11, 2024) and "Accep[t]ed - Revised-2379-->versi+jamilah+et+al+24.docx" (ID 19622, dated September 10, 2024). A "Download All Files" button is present. The "Pre-Review Discussions" section shows a discussion titled "Revision" initiated by "ajkasem" on 2024-09-09 07:53 PM, with a reply from "jamilahfatika@gmail.com".

Name	From	Last Reply	Replies	Closed
Revision	ajkasem	jamilahfatika@gmail.com 2024-09-09 07:53 PM	1	<input type="checkbox"/>

## 7 September 2024, review artikel

The screenshot shows a Gmail inbox with two emails. The first email is from "Ph.D. via <admin@tci-thaijo.org>" to "saya" (me), dated "Sab, 7 Sep, 16.01 (6 hari yang lalu)". The subject is "[IJAT] New notification from International Journal of Agricultural Technology". The body text states: "You have a new notification from International Journal of Agricultural Technology: You have been added to a discussion titled 'Revision' regarding the submission 'OPTIMIZING FERTILIZER PACKAGES AND SOIL AMENDMENTS FOR CORN WITH Chromolaena odorata LIQUID ORGANIC FERTILIZER'. Link: [https://i04.tci-thaijo.org/index.php/IJAT/authorDashboard/submission/2379](\"https://i04.tci-thaijo.org/index.php/IJAT/authorDashboard/submission/2379\") Kasem Soyong International Journal of Agricultural Technology". The second email is from "jamilah fatika <jamilahfatika@gmail.com>" to "Ph.D., Kasem", dated "Sen, 9 Sep, 19.57 (4 hari yang lalu)". The body text says: "Thank you editor, we had sent the revision in application web link: [https://i04.tci-thaijo.org/index.php/IJAT/authorDashboard/submission/2379#](\"https://i04.tci-thaijo.org/index.php/IJAT/authorDashboard/submission/2379#\")".

saran revisi ke 1 ijat - Microsoft Word (Product Activation Failed)

File Home Insert Page Layout References Mailings Review View

Clipboard Font Paragraph Styles

Times New Rom 10 A Aa No Spaci... Heading 1 Heading 2 Title Subtitle Subtle Em... Change Styles Find Replace Select Editing

**OPTIMIZING FERTILIZER PACKAGES AND SOIL AMENDMENTS FOR CORN WITH *Chromolaena odorata* LIQUID ORGANIC FERTILIZER – small letters**

Jamilah<sup>\*1</sup>; Sunadi<sup>1</sup>; M. Zulman Harja Utama<sup>1</sup>; Nita Yessita<sup>2</sup>; Prima Novia<sup>2</sup>; Yonny Arita Taher<sup>2</sup>; Afrida<sup>2</sup>

<sup>1</sup>Agriculture Faculty Tamansiswa University, Indonesia; <sup>2</sup>Agriculture Faculty, Ekasakti University

Abstract must be stated the result. It is no needed to write the objective, methods, snd experimental design. The abstract should be written as a single paragraph. Abstract must be written not more than 300 words.

Suggesting to rewrite

Abstract

Corn is the second most important staple food commodity after rice in Indonesia. However, current corn productivity is insufficient to meet domestic requirements. Enhancing corn productivity through soil quality improvement and appropriate fertilizer packages is essential. This research aimed to identify an effective fertilizer package for corn that includes *Chromolaena odorata* liquid organic fertilizer. Experiments were conducted in Inceptisol Nagari Aua-Kuning, Pasaman District, West Pasaman Regency, at 150 meters above sea level in 2023. The materials used included: Bellarusian Phosphate Rock (PR) with 28% P<sub>2</sub>O<sub>5</sub>, SP-35 with 36% P<sub>2</sub>O<sub>5</sub>, and Threesopon Zeofillite containing 51.71% SiO<sub>2</sub> and a CEC of 112.57 cmol kg<sup>-1</sup>. A completely randomized design with two treatment factors and three replications was employed. The first factor was fertilizer selection with five levels: 0 kg ha<sup>-1</sup> PR = 100 ke ha<sup>-1</sup> Urea (F0); 100 ke ha<sup>-1</sup> PR = 100 ke ha<sup>-1</sup> Urea (F1); 200 ke ha<sup>-1</sup> PR = 100 ke ha<sup>-1</sup> Urea (F2); 50 ke ha<sup>-1</sup>

Page: 1 of 16 Words: 6,850 100% 9:57 AM 9/13/2024

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productivity through inoculation activities, namely by improving soil quality using appropriate amendments and fertilizer packages. Corn cultivation in Indonesia, especially in West Sumatra, is carried out on sub-optimal land, which is in the medium to low soil fertility category (Ministry, 2007). Sufficient fertilization will make plants grow well and produce effectively, but if the soil quality is poor, then fertilization will be wasted. The rising cost of artificial fertilizers is a major problem for corn farmers in Indonesia. It is hoped that by amending the soil through a fertilization package using zeolite, rock phosphate, artificial fertilizer, and liquid organic fertilizer, corn cultivation can increase productivity.

Phosphorus (P) is an element that is indispensable for all forms of life. Even though most of the P applied to the soil is in the form of fertilizer, this turns out to be inefficient because only a small portion of the P applied is utilized by plants (Amarasinghe *et al.*, 2022). Pavinato *et al.* (2020) proved that PR treated with acid increases relative agronomic efficiency by more than 74% compared to TSP fertilizer. Soil in tropical areas is very easily weathered, acidic, and low in phosphorus (P) due to the high Al and Fe content. An adequate P supply is essential to ensure optimal soil and plant productivity. Therefore, it is necessary to improve soil with zeolites to increase the availability of P in acidic soils, as this mineral can fix Fe and Al as a substitute for P (Hasbullah *et al.*, 2020).

Silicate rocks can be a sub-optimal soil amendment or improver and restore soil pH (Bauwhede *et al.*, 2024). GijjaVeni *et al.* (2021) explained that the application of zeolite can improve overall soil quality due to its unique cation exchange, adsorption, hydration-dehydration, and catalytic properties. Globally, several studies have been conducted to investigate the feasibility of using zeolite to increase crop yields, nutrient use efficiency, and water use efficiency. It is a microporous, crystalline, hydrated silicate of alkaline and alkaline materials with a high CEC and an internal pore structure with the ability to hold nutrients and water molecules inside. It can hold nutrients such as NH<sub>4</sub><sup>+</sup> and K<sup>+</sup> ions, which are consequently released slowly to be continuously absorbed by plants.

Page: 2 of 16 Words: 6,850 100% 9:57 AM 9/13/2024

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However, the two do not interact (Table 1 and Figure 1). Treatment with the application of 100 kg ha<sup>-1</sup> (Zeolite + Urea) + 75 kg ha<sup>-1</sup> SP-36 was significantly increased the pH and was the highest compared to other fertilizer treatments, and it was not significantly different from the application of 150 kg ha<sup>-1</sup> (Zeolite + Urea) + 75 kg ha<sup>-1</sup> SP-36. In general, the application of PR package fertilizer tended s to increase soil pH but it was is still unable to exceed the influence of the application of Zeolite + Urea. Providing LOF can also increased soil pH; the higher the dose of LOF, the higher the resulting soil pH. pH levels ranging from 6.35 to 6.42 can is supported better growth of corn plants in the field.

Table 1. Effect of fertilizer packages on changes in soil pH at 45 DAP

Fertilizer Packages	LOF Application (ml L <sup>-1</sup> )			Average
	0	50	100	
	pH			
0 kg ha <sup>-1</sup> PR + 100 kg ha <sup>-1</sup> Urea	6.27	6.23	6.30	6.27 <sup>C</sup>
100 kg ha <sup>-1</sup> PR + 100 kg ha <sup>-1</sup> Urea	6.03	6.17	6.33	6.18 <sup>C</sup>
200 kg ha <sup>-1</sup> PR + 100 kg ha <sup>-1</sup> Urea	6.46	6.13	6.40	6.33 <sup>BC</sup>
50 kg ha <sup>-1</sup> Zeolite + 50 kg ha <sup>-1</sup> Urea + 75 kg ha <sup>-1</sup> SP-36	6.25	6.34	6.50	6.36 <sup>B</sup>
100 kg ha <sup>-1</sup> Zeolite + 100 kg ha <sup>-1</sup> Urea + 75 kg ha <sup>-1</sup> SP-36	6.53	6.56	6.54	6.54 <sup>A</sup>
150 kg ha <sup>-1</sup> Zeolite + 150 kg ha <sup>-1</sup> Urea + 75 kg ha <sup>-1</sup> SP-36	6.57	6.42	6.47	6.48 <sup>AB</sup>
Average	6.35 <sup>B</sup>	6.31 <sup>B</sup>	6.42 <sup>A</sup>	
CV (%)	2.04			

The same superscript lowercase letters in rows and the same uppercase letters in columns are not significantly different according to the LSD 5% significance level.

9 September memasukkan hasil perbaikan

International Journal of Agricultural Technology

← Back to Submissions

19622 Accepted - Revised--2379--versi+jamilah+et+al+24.docx September 10, 2024 Original Study

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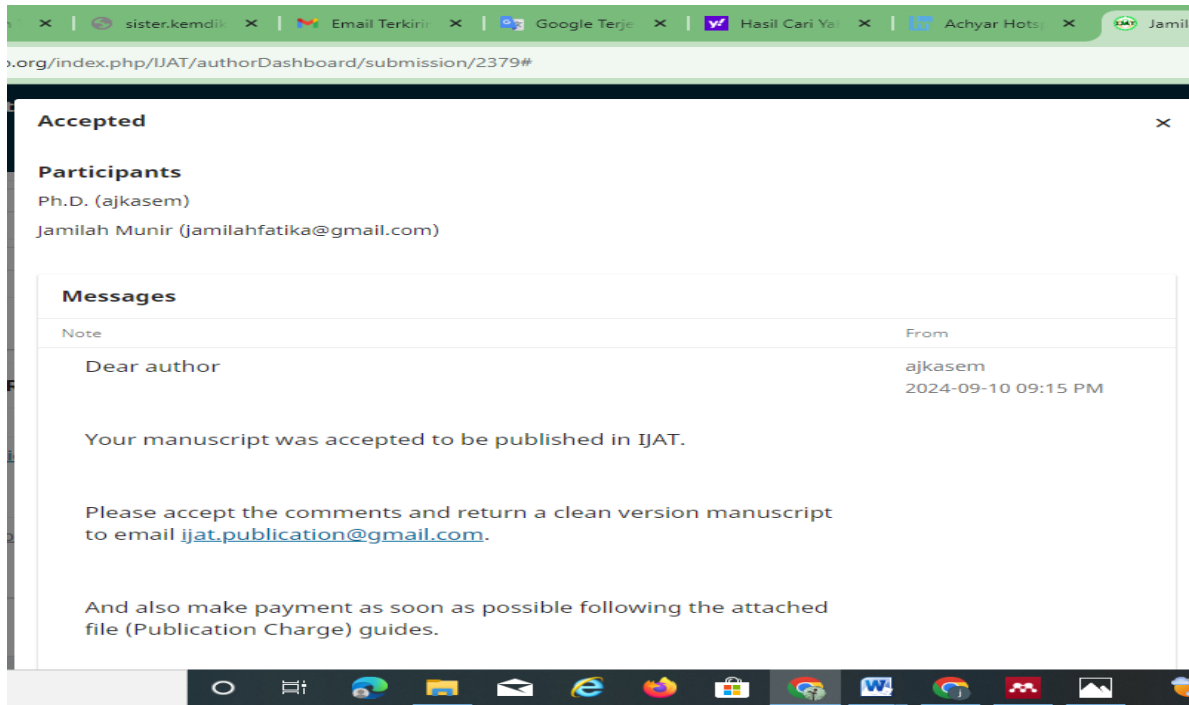
**Pre-Review Discussions** [Add discussion](#)

Name	From	Last Reply	Replies	Closed
<a href="#">Revision</a>	ajkasem 2024-09-07 04:01 PM	jamilahfatika@gmail.com 2024-09-09 07:53 PM	1	<input type="checkbox"/>
<a href="#">Accepted</a>	ajkasem 2024-09-10 09:15 PM	jamilahfatika@gmail.com 2024-09-12 12:16 PM	1	<input type="checkbox"/>

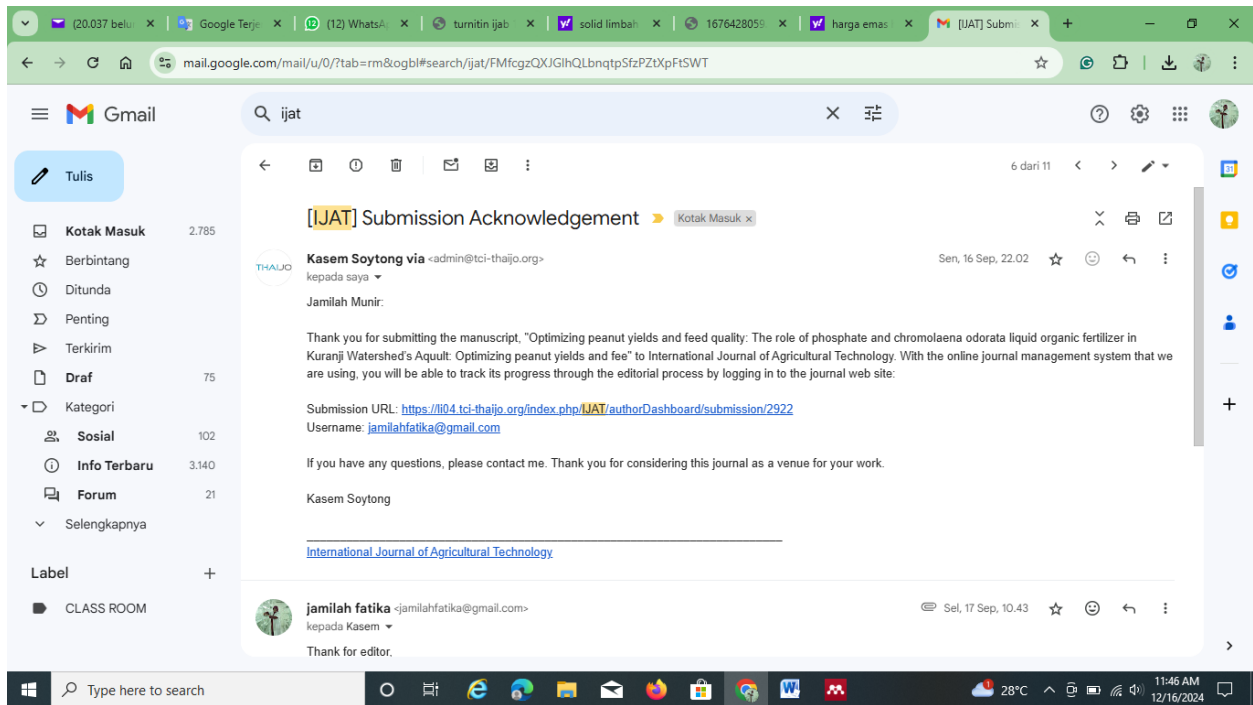
# 10 September accepted

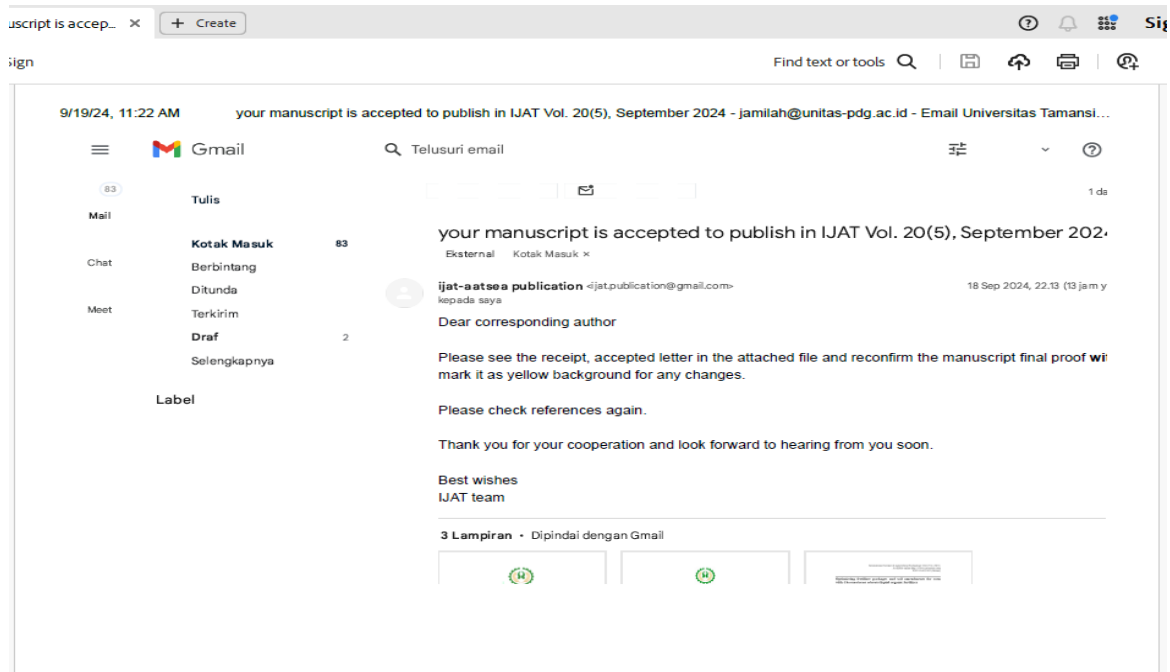
This screenshot shows a Gmail inbox on a desktop browser. The browser tabs include Google Terjemahan, (36) WhatsApp, SISTER | Tridharma, and [IJAT] New notification from Int... The address bar shows the Gmail URL. The left sidebar contains navigation options like 'Tulis', 'Kotak Masuk' (3,042), 'Berbintang', 'Ditunda', 'Penting', 'Terkirim', 'Draf' (74), 'Kategori', 'Sosial' (101), 'Info Terbaru' (2,994), 'Forum' (21), and 'Selengkapnya'. The main email is from Ph.D. via <admin@tci-thaijo.org> to 'saya' (me), dated 'Sel, 10 Sep, 21:16 (3 hari yang lalu)'. The subject is '[IJAT] New notification from International Journal of Agricultural Technology'. The body text reads: 'You have a new notification from International Journal of Agricultural Technology: You have been added to a discussion titled "Accepted" regarding the submission "OPTIMIZING FERTILIZER PACKAGES AND SOIL AMENDMENTS FOR CORN WITH Chromolaena odorata LIQUID ORGANIC FERTILIZER". Link: <https://i04.tci-thaijo.org/index.php/IJAT/authorDashboard/submission/2379> Kasem Soyong International Journal of Agricultural Technology'. Below the email, there are two replies from 'jamilah fatika' dated 'Rab, 11 Sep, 14:57 (2 hari yang lalu)' and 'Rab, 11 Sep, 15:59 (2 hari yang lalu)'. The first reply says: 'thank you for the good information, by the way, may I revise more because the similarity is still >25%. I will reduce it to <25%. Hope you help me please how to'. The second reply is partially visible: 'kenasra Dh D. Kasem'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date '9/13/2024' and time '9:53 AM'.

This screenshot shows a Gmail inbox on a desktop browser. The browser tabs include Google Terjemahan, (36) WhatsApp, SISTER | Tridharma, and [IJAT] Editor Decision - jamilah... The address bar shows the Gmail URL. The left sidebar is identical to the first screenshot. The main email is from Ph.D. via <admin@tci-thaijo.org> to 'saya' (me), dated 'Sel, 10 Sep, 21:17 (3 hari yang lalu)'. The subject is '[IJAT] Editor Decision'. The body text reads: 'Jamilah Munir: We have reached a decision regarding your submission to International Journal of Agricultural Technology, "OPTIMIZING FERTILIZER PACKAGES AND SOIL AMENDMENTS FOR CORN WITH Chromolaena odorata LIQUID ORGANIC FERTILIZER. OPTIMIZING FERTILIZER PACKAGES AND SOIL AMENDMENTS". Our decision is to: Accept Submission Your manuscript was accepted to be published in IJAT. Please accept the comments and return a clean version manuscript to email [ijat.publication@gmail.com](mailto:ijat.publication@gmail.com). And also make payment as soon as possible following the attached file (Publication Charge) guides. Thank you very much .'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the date '9/13/2024' and time '9:52 AM'.

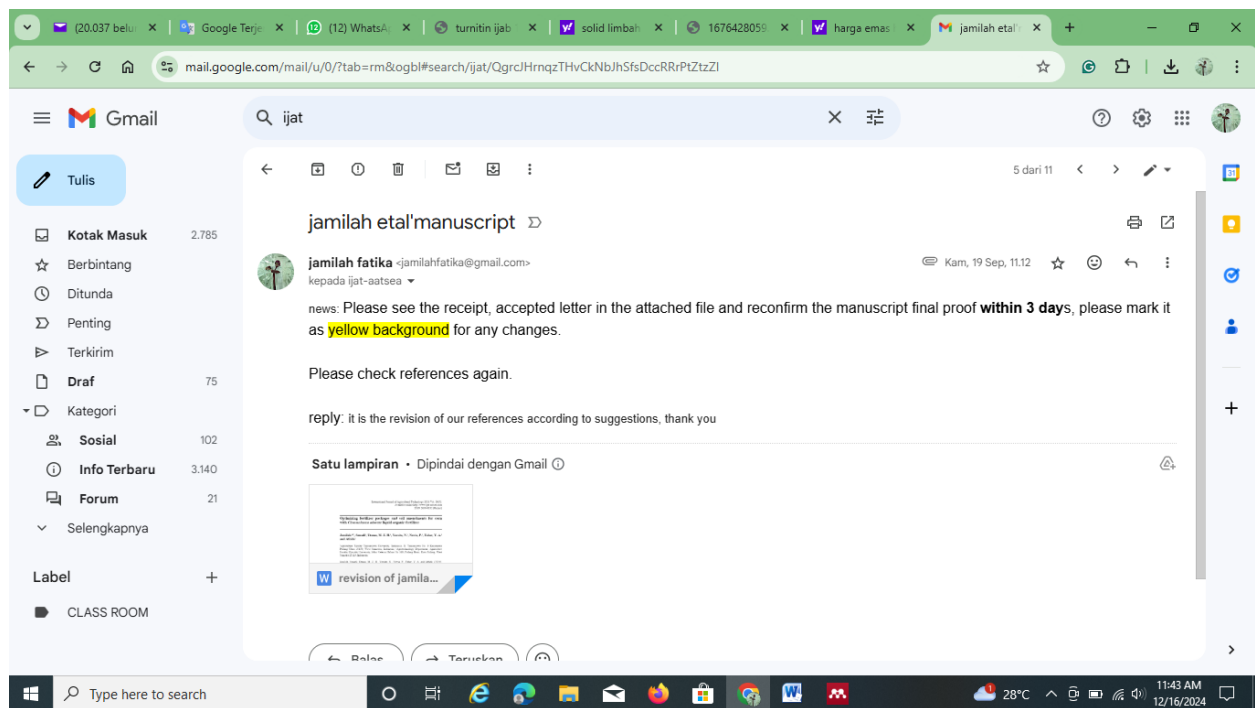


Tanggal 16 September 2024, untuk melihat progres dapat dilihat melalui link





19 September 2024, masih perlu revisi references



Tanggal 21 September, references masih ada yang belum megikuti template

mail.google.com/mail/u/0/?tab=rm&ogbi#search/ijjat/KtbxLzGSrZRRdhWtBhGXWTMLftzSGLBbV

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ijjat

4 dari 11

ijjat-aatsea publication <ijjat.publication@gmail.com> kepada saya

Sab, 21 Sep, 10.44

Dear author

I did not see any format changes in the references list, still not following the **UJAT** format.

Please check all references in the list well and format in detail.

**Author name format:** Last name with abbreviations of first name and middle name, use "and" not "&", (example: Song, J. J. and Soyotong, K)

**Title format:** Use sentence case, do not capitalize each word.

**Pages format:** Volume with pages, (example: 20.220-235)

If the author could not follow, we will postpone publishing.

Thank you very much for your cooperation.

Sincerely  
**UJAT**

30 September memasukkan perbaikan ke pustakaan

mail.google.com/mail/u/0/?tab=rm&ogbi#search/ijjat/KtbxLrjVjNztsZrFmchgwQnwTsPSwrXB

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2 dari 11

publication

jamilah fatika <jamilahfatika@gmail.com> kepada ijat-aatsea

Sen, 30 Sep, 09.18

dear editor, as we had sent the letter about the publication and about our manuscript to publish, we will wait for the information about that, and when our manuscript will be published at the journal, thank you very much.

Sincerely yours  
Dr. jamilah et al

ijjat-aatsea publication <ijjat.publication@gmail.com> kepada saya

Sen, 30 Sep, 14.48

Dear author

Read my comment about format references well, I am waiting for your reformat references, the last version still does not follow format, please reformat all the references follow our format carefully.

Thanks

\*\*\*

jamilah fatika <jamilahfatika@gmail.com> kepada ijat-aatsea

Sen, 30 Sep, 15.07



# Tanggal 17 Nov. informasi publikasi

The screenshot shows a Gmail interface with a search bar at the top containing "ijat". The left sidebar lists various folders: "Kotak Masuk" (2,785), "Berbintang", "Ditunda", "Penting", "Terkirim", "Draf" (75), "Kategori", "Sosial" (102), "Info Terbaru" (3,140), "Forum" (21), "Selengkapnya", and "Label" (+). The main content area displays an email from "Editorial Office Ijab" to "saya" (me), dated "Min, 17 Nov, 19.42". The subject is "Re: publication pending (doi 15.2249 IJAB-24-0194)". The email body says: "Dear author", "Your paper (doi 15.2249 IJAB-24-0194) will appear in our upcoming Issue with doi serial no. please wait", and includes a link to "Friends Science Publishers". Below the link is a placeholder box labeled "FS Publishers". The email is signed by "Admin Officer/Business Manager, Editorial Office, International Journal of Agriculture and Biology, Friends Science Publishers". At the bottom, it says "On Sunday, November 17, 2024 at 03:59:48 PM GMT+5, janih fatika <janihfatika@gmail.com> wrote:". The Windows taskbar at the bottom shows the time as 11:41 AM on 12/16/2024 and a temperature of 28°C.