



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_44818
Title of the Manuscript:	Doses of magnesium sulphate in productivity of oil palm (Elaeis guineensis)
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	"magnesium sulphate monohydrate" or "Kieserite" should be used through out the manuscript instead of "magnesium sulphate" Line 7-8 (abstract): Rewrite to a single paragraph. Line 101-105 (Table 2): "PH" should be "pH". Ratio of soil:solution for pH measurement should be given. Soil pH in water is widely accepted and should be measured. A form of P (available or total) should be clarified. Check a concentration unit of P again; "Mg/dm⁻³" has confused meaning. Meaning of abbreviations "CTC", "V", and "M" should be given at the foot note. "Data source for research" should be removed. Line 120-124 (Figure 1): All words and abbreviations should be English. Line 133-156: Soil properties should be discussed first. Why Mg should be applied?	The name magnesium sulphate Kieserite and was replaced throughout the manuscript by magnesium sulphate monohydrate throughout the manuscript. According to the norms of the journal, in the abstract of the manuscript the objectives, location and duration of study, methodology, results, and Conclusion are separated in the text. New tables were added with soil fertility data and methods of obtaining these variables.
Minor REVISION comments	Line 9: "Amazon" should be deleted, "palm oil" should be "oil palm" Line 16: Should be "Gomes et al." Line 16-17" Should be "palm oil is extracted from its mesocarp and kernel" Line 24: Should be "Foong et al." Line 27: Should be "0.26 ha t⁻¹" Line 29 and 38: "Palma" should be "oil palm" Line 40: "Mg+2" should be "Mg" Line 44: Check your reference No. 8 again Line 44: "deficiency magnesiana" should be "Mg deficiency" Line 57-58: Should be "effects of rates of magnesium sulphate monohydrate on weight and number of fresh fruit bunched, and yield of oil palm. Line 60: Should be "materials and methods" Line 78: No meaning in English for "Delhineamento" Line 80-81: Should be "Spacing between two adjacent trees was 7.8 m, and between rows was 9.0 m." Line 87-88: Table 1 should be deleted. The information is too small, it is better to explain on text. Line 91-99: A brief explanation of analytical methods of soil samples should be given. Generally, different methods give different results and different interpretation. Line 169: Line 169 should be moved to line 172 (place description under the figure).	The name oil palm was standardized in the text of the manuscript. Corrections of subscript and superscript were made within the text. The authors' name Gomes et al. and Foong et al. were corrected within the text Corrections for spacing between plants were made. Correction for material and methods was performed in the text. Table excluded in the text, the treatments of the experiment were placed in text. The title of the figures was moved down from the figures. A new table was added to briefly explain the soil characteristics prior to the implementation of the experiment and a brief comment on the analytical methods of analysis were included in the manuscript. The other corrections suggested by the reviewers were made and corrected from the manuscript as required



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	Line 170-171 (Figure 2): Label on X should be “Rates of Kieserite (g plant⁻¹)”. The equation on the figure should be quadratic. “Source: research data” should be removed. Line 186: Line 186 should be moved to line 189 (place description under the figure). Line 187-189: (Figure 3): Label on X should be “Rates of Kieserite (g plant⁻¹)”. Label on Y should be “Weight of fresh fruit bunch (kg ha⁻¹ year⁻¹)”. “Source: research data” should be removed.	
<u>Optional/General</u> comments	English have to be improved. Do not mixes English with others language?	The reviewer's suggestions were made and corrected within the text, with words being replaced in English for English words by standardizing only one language as requested.