



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Agriculture</a>
Manuscript Number:	Ms_ARJA_52771
Title of the Manuscript:	Seed Coating with Organomineral Fertilizer, An Alternative Method to Improve the Efficiency of Farming
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=sd-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	This work tried new approaches for reducing fertilizer amount used and, consequently, the associated cost. Although it is an interesting idea, the excessive amount of fertilizer probably explain the poor results. Nonetheless, the paper deserves to be published due to the developed method. Some suggestions are presented below.	
<b>Minor</b> REVISION comments	<p>Please, review the phrase: "those materials were coated onto the seeds and intended to sufficiently fulfill the optimum requirement of essential nutrients <b>for the without additional fertilizers</b>"</p> <p>The composition on the sentence "The chemical composition of the SRF-powder was 52.28 % SiO<sub>2</sub>, 24.12 % Al<sub>2</sub>O<sub>3</sub>, 4.82 % CaO, 1.83 % 4.28 % K<sub>2</sub>O, 2.30 % Na<sub>2</sub>O, 6.24 % FeO, 0.15 MnO, 0.01 % ZnO, 0.30 % CuO, and &lt; 0.01 % others" raises only 93.33%. Suggestion: comment on the other possible substances.</p> <p>The sentence "The <b>RP</b> (Ø &lt; 0.5 cm) was ball-milled for 20 minutes producing PR-powder with the median diameter (D<sub>50</sub>) ≤ 22 µm, and it contained a total of 16.8 % P<sub>2</sub>O<sub>5</sub>". I believe it is <b>PR</b> (Ø &lt; 0.5 cm)</p> <p>The phrase "low phosphate (<b>116 mg.kg</b> of P by Bray-II), low organic matter (1.9 % total C), low <b>CEC</b> ..." – it is uncommon use acronym without quote the expression. Furthermore, I believe it was only compatibility problem of Word Program, but all superscript does not appear on my text. I advise to check upon.</p> <p>Moreover "increased the weights of dry pods and seeds of <b>SC</b> and MS. For Kelinci variety, the seed treatment quadratically increased all of those components, and the maximum values were reached by the medium size of coated seeds (<b>MC</b>)" – I believe it is SS and MS (as quoted on Table 3)</p> <p>Suggestion – "Table 1. The size category and the weight ratio of <b>seed to coating material</b>" comment about fertilizer amount (roughly 1:10). I think it is important to emphasize that.</p>	
<b>Optional/General</b> comments		



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**PART 2:**

	<b><u>Reviewer's comment</u></b>	<b><u>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)</u></b>
<b><u>Are there ethical issues in this manuscript?</u></b>	<b><u>(If yes, Kindly please write down the ethical issues here in details)</u></b>	

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