

Review Form 1.7

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_118492
Title of the Manuscript:	INFLUENCE OF SMART FERTILIZER ON YIELD AND ECONOMICS OF COWPEA
Type of the Article	

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. The manuscript provides valuable insights into the use of smart fertilizers like Nano DAP and Zn EDTA to enhance cowpea yield and contribute to sustainable agriculture.</p> <p>2. The article title "INFLUENCE OF SMART FERTILIZER ON YIELD AND ECONOMICS OF COWPEA" accurately reflects the study's focus on the impact of smart fertilizers on cowpea yield and economics.</p> <p>3. The article's abstract provides a concise summary of the study's objectives, methodology, key findings, and implications, emphasizing the importance of smart fertilizers like Nano DAP and Zn EDTA in enhancing cowpea production.</p> <p>4. The document's subsections and structure seem appropriate, organized into clear sections such as Abstract, Introduction, Materials and Methods, Results and Discussion, and Conclusion. Each section flows logically from the background and objectives to the methodology, results, and conclusions. Subsections within the Results and Discussion section further break down the findings, making it easier to understand the impact of Nano DAP and Zn EDTA on various yield parameters of cowpea.</p> <p>5. The manuscript presents scientifically sound findings on the impact of Nano DAP and Zn EDTA on cowpea growth and yield, supported by references to previous research studies and scientific literature. It also discusses the influence of smart fertilizers on yield parameters, economics, and nutrient management strategies.</p> <p>6. The provided references cover relevant studies on nano-fertilizers, nutrient management, and crop yield enhancement, contributing to the scientific credibility of the manuscript. Consider including more recent references on smart fertilizers and their impact on crop productivity to enhance the depth of the literature review.</p> <p>7.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Language and quality of the article are suitable for scholarly communication. It effectively conveys technical and scientific information in a clear and coherent manner. Terminology and language used are appropriate for the subject matter, making it suitable for scholarly audiences.</p>	
<p>Optional/General comments</p>	<p>The section on materials and methods is quite brief. You may consider providing a more comprehensive explanation of the methods. In comparison to your results, your methods are very succinct. Also, please explain your conclusion. Based on your results, your conclusion is quite brief. I suggest including pictures and figures in the method and materials section to present this portion more clearly.</p> <p>The article is a research paper that explores the impact of smart fertilizers, Nano DAP and Zn EDTA, on cowpea production. It presents the results of a field experiment evaluating their influence on growth, yield, and economic returns, following a typical scientific research paper format.</p>	

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PART 2:

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

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