

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Advanced Research and Reports</a>
Manuscript Number:	Ms_AJARR_129266
Title of the Manuscript:	INTERRELATIONSHIP OF FARMER'S KNOWLEDGE AND ATTITUDE IN FERTILIZER APPLICATION ON BORO RICE PRODUCTION IN SUNAMGANJ DISTRICT OF BANGLADESH: A SYSTEMATIC LITERATURE REVIEW AND KEY INDICATORS FOR FUTURE RESEARCH
Type of the Article	Review Article

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#### PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	<ol style="list-style-type: none"> <li>1. Rice has been the most important commodity for Bangladesh's economy. In Bangladesh, like in many other countries, "rice security" is seen as "food security" and because political instability in the country is mostly caused by the insecurity of rice, rice security is not just an economic concern but also a social and political issue.</li> <li>2. In the past three decades, the Bangladesh government has introduced a series of policies and programs to enhance rice production especially Boro rice, to meet the food security and reduce poverty in the rural areas. These policies have intended and emphasized on improvement in agricultural output which involves capital expenditure on irrigation facilities, subsidies on fertilizers and popularizing of high yielding rice varieties (Ahmed et.al., 2013).</li> <li>3. Sunny et.al.(2018) investigated Key Factors Influencing Farming Decisions Based on Soil Testing and Fertilizer Recommendation Facilities (STFRF)-A Case Study on Rural Bangladesh and reported that younger farmers (≤40 years) showed a higher adoption rate of STFRF compared to older farmers, indicating age as a significant factor in technology adoption. Education level positively correlated with adoption, while farming experience had a negative relationship.</li> <li>4. The influence of participatory communication techniques was noted for reaching illiterate farmers. Adopters expressed a desire to improve crop quality and understand soil deficiencies. Also many adopters reported dissatisfaction with service quality due to delayed materials and inadequate training from service providers.</li> </ol>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>Yes, suitable: Interrelationship of Farmer's Knowledge and Attitude in Fertilizer Application on Boro Rice Production in Sunamganj District of Bangladesh: A Systematic Literature Review and Key Indicators for Future Research</b> <b>Suggested title: : Interrelationship of Farmer's Knowledge and Attitude in Fertilizer Application to need training of extension staff on Boro Rice Production in Sunamganj District of Bangladesh: A General Literature Review and Key Indicators for Future Research</b>	

**Review Form 3**

<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p><b>No, comprehensive.</b></p> <p style="text-align: center;"><b>ABSTRACT</b></p> <p>For maintaining of sustainable agriculture and production of maximum crop yield it is required to add proper amount of fertilizer on time through observation, investigation and elevation of the interrelationship of farmer's knowledge and attitude toward fertilizer application. The use of fertilizer is affected by farmers' knowledge and attitude as they are interrelated. In order to influence the future fertilizer decision of farmers several factors and effects are analysed in this study. The purpose of the study is to evaluate the interrelationship of farmer's knowledge and attitude regarding fertilizer application in Boro rice production as it is the most contributing crop in Bangladesh. Fertilizer performs major role in Boro Rice production. In haor areas farmer chiefly cultivate Boro rice. Proper knowledge and improved attitude have significant contribution to increase Boro Rice production. <b>The contribution of the more knowledge for soil fertility management system, plant fertility improvement practices, good rice crop production technology are needed to training with extensional staffs and experienced farmers in Boro rice production. The rounded areas of Boro rice production situation will study with survey and acutally information for the right policies and guidelines.</b> This review highlights the various factors that increase knowledge and attitude toward fertilizer application which lead to improved social and economic condition of farmers. Finally, the review concludes with recommendation for policy makers, civil society organization, extension agents and researcher.</p>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>Some factors are needed. Reference paper's results showed up however treatments (given fertilizer amount and soil condition) are not contacted by details. Should be able to make soil condition and fertilizer rate, rice varieties, experimental side.</p> <p>Plant nutrients (N, P, K) effects on rice production and improved yields records should be showed.</p> <p>Subtitle; A Systematic Review of Relationship between selected characteristics of Farmers and their Knowledge about Fertilizer Application section is not scientifically discussion. Generally review on the farmers activities.</p> <p>The systematic is accounted to clear on numbers of farmers accept or reject on one factor, one idea, and one subject.</p> <p>Sentence lines are not equal.</p> <p>Before and after sentence space should be equal.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>Yes sufficient, however considering that rice crop plant nutrients and the relationships for knowledge and attitude of the farmers on fertilizer application which suggestion, system.</p>	
<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>Some letters and usage are should be check.</p>	
<p><b>Optional/General</b> comments</p>	<p>This title should be learning. But subtitle could be continued; Boro rice characteristic, widely cultivated area, plant nutrients requirement, fertilizer application practices, farmers' acceptable level and distribution in the Bangladesh. Factors should be consequence, some information were mixed.</p>	

**PART 2:**

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

**Reviewer Details:**

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