

Review Form 1.7

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| Journal Name: | Asian Journal of Agricultural Extension, Economics & Sociology |
| Manuscript Number: | Original Manuscript_AJAEES_117616 |
| Title of the Manuscript: | Factors Influencing Farmers' Entrepreneurial Behavior in Panchagarh, Bangladesh: An Integration of Semantic Differential Scale |
| Type of the 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:

(<https://www.journalajaees.com/index.php/AJAEES/editorial-policy>)

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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) |
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| <p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> | <p>General Comments</p> <p>From my point of view, it is a very interesting topic and simultaneously it seems that to the best of my knowledge is an important study aims to determine the extent of entrepreneurial behaviour of the farmers as well as to determine its influential factors. The dependent variable was measured using one-to-seven-point semantic differential scale. In addition, seven levels of entrepreneurial behaviour were used in the scale. One hundred thirty-three (133) farmers were selected for data collection using a multi-stage random sampling procedure from selected six unions of Sadar upazila in Panchagarh district of Bangladesh. Descriptive statistics like percentages, means, standard deviations, indices, and rank order were employed to summarise the data gathered during the interviews. The inferential statistical investigation involved using correlation analysis, multiple regression analysis, stepwise regression analysis and path analysis using PLS-SEM (Partial Least Square-Structural Equation Model). The findings revealed that a significant proportion (85.7 percent) of the respondents held a repressive to optimistic entrepreneurial behaviour. The key factors influencing farmers' entrepreneurial behaviour were educational qualification, extension contact, farm size, and age altogether accounting for 89.0% variance in the dependent variable. However, path analysis indicates that farmers' educational qualification has the highest contribution on their entrepreneurial behaviour followed by farm size, extension media contact, and age. The farm size has substantial indirect effect through educational qualification and extension media contact on entrepreneurial behaviour. Well-designed interventions, particularly through educational activities and extension services are crucial for fostering farmers' entrepreneurial engagement in agriculture and enhancing their success.</p> <p>The paper consists of the sections: <i>Introduction, Materials and Methods, Results and Discussion, Conclusion.</i></p> <p>However, I find some recommendations:</p> <ol style="list-style-type: none"> The abstract must contains the main purpose of the paper, the research method used in the research and the main contributions. It would be very useful to add in the "Introduction" section the purpose, objectives and hypothesis of the research. The Literature review section cannot be missing from the paper and must be presented separately from the Introduction section. The research is well based on science and the results are in agreement with the theoretical part. From my point of view, the paper is original and the topic addressed brings added value to the specialized literature regarding development. The paper is well written and easy to read. The research is well based on science and the results are in agreement with the theoretical part. The model applied to the analyzed data is correctly used in the analysis undertaken, it is a strength point of this paper. <p>We recommend the authors to number the paragraphs: 1. Introduction; 2. Literature Review; 3. Methods and Results, Discussions and Conclusions.</p> <p>In conclusion, the article should be thoroughly rebuilt (changes in structure recommended above). It should also be enhanced with a review of the literature adequate to the subject and a broader interpretation and commentary of the research results.</p> | |
| <p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? | <p>Yes</p> | |
| <p>Optional/General comments</p> | <p>The Manuscript needs careful English proofreading because there are some shortcomings. For instance, the article "the" is sometimes missing in front of nouns, the message in some paragraphs is not clear enough.</p> | |

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PART 2:

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

Reviewer Details:

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