Review Form 1.7

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_110833**
Title of the Manuscript:	**DETERMINATION OF PHYSICAL PROPERTIES OF MAIZE AND PIGEONPEA SEEDS FOR SEED METERING MECHANISM**
Type of the Article	**Original Research 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)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	1. The manuscript provides an explanation of the physical properties of maize and pigeon pes seeds and their relationship with seed metering mechanisms that are important to the planter. 2. Alternative: Evaluation of Maize and Pigeon pea seeds Physical characteristics for seed metering mechanism 3. Yes 4. The abstract and introduction are good, but the methods—some of them need to be supported with references if they do not have them. In addition, add a unit to the explanation of the equation symbols. Results and discussion: Fig. 1 splits it into a and b depending on grain type. All results are missing discussion that needs support with recent, relevant references. Rewrite the frequency distribution in Fig. 3–8 specifically for each grain. Conclusion: We need to rewrite appropriately with good use of words without repeating. The end of the conclusion should indicate the importance of this study or recommendation. References must be written per alphabet (A to Z). Avoid using et al. and write all the author names. It will be good if Reference 2 replaces peer-reviewed journal articles as the source. 5. Yes 6. Need more references for improvement.	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	Need spelling correction throughout the whole manuscript.	
Optional/General comments	NA	

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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

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Reviewer Details:

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