

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_121281
Title of the Manuscript:	Variability, Correlation Patterns and Principal Component Analysis (PCA) for Seed Yield and Contributing Traits in Castor (<i>Ricinus communis</i> L.)
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION 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>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The author tried to analyse the variability and correlation pattern for seed yield in Castor, which is an important topic. Since the cultivation of castor is increasing with the demanding medical purposes, it makes sure that the variability in seed yield is carried out using the contribution traits. I personally found the topic interesting and useful to the scientific and non-scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, Suitable	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	As mentioned in Material and Method section, author conducted research in specific location under irrigated condition and cultivation pattern. Author then compared the results with previous literatures and concluded that findings were aligned with them. Author then tried k-mean square, correlation coefficient to find the relation between seed yield and attributing traits. This is a very scientific way to express the results. So, in my opinion, author had tried to show analytically the relation between seed yields and contributing traits, such that it can be used in the similar climatical conditions for maximum benefit out of cultivation. I think manuscript is technically sound.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :-	The references are sufficient; however, the introduction section is too short. I have made comments on the manuscript. The author must deliver the research background, research problems, research gaps, research goals and objectives. Then the references must be added to make the introduction section complete.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	There were grammatical typos, I have corrected them.	
<u>Optional/General</u> comments		

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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Reviewer Details:

Name:	Subik Shrestha
Department, University & Country	Technical University of Munich, Germany