Review Form 1.7

Journal Name:	**Journal of Advances in Biology & Biotechnology**
Manuscript Number:	**Ms_JABB_115142**
Title of the Manuscript:	**Genetic variability and character association studies among the yield and yield attributing traits in niger (Guizotia abyssinica (L. f.) Cass.)**
Type of the Article	**Plant Breeding**

	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)**	Yes, genetic variability studies in crops is key prerequisite as it serves as a basic genetic resources to develop new cultivars. Yes Abstract can be further strengthen by including one sentence how this material variability can be used for further breeding improvement program. The structure of the manuscript can be improve by adding subtitles like ANOVA, variability genetic parameters and correlation analysis. Yes. Introduction: The introduction can be improve further by restructuring the part. 1. Can reduce general intro about the crop and fit into 1-2 sentence. 2. The area production and productivity status and its cultivation constraints globally and India with recent data support. 3. Can minimise well known crop information. 4. Give importance to why this study has been selected, genetic variability and its resources and how can be utilized this studies further. Materials and methods: The section is highly recommended to rework on 1. The material selected is not stated clear. Its germplasm or advanced breeding lines? If advance breeding lines what's the breeding generation. 2. The observation measurement units is missing and its passport data collection reference. 3. Data analysis: Along with correlation analysis, path analysis can be included. In addition mean performance of 35 genotypes can be shown in graphical representation. 4. Cluster analysis can be done to classify the genotypes based on the collected phenotypic data. Results and Discussion: Table 1: Show F value in the table. For all the tables, give proper unit of measurements and abbreviations uniformly. Give complete information about collected 35 genotypes as table. If germplasm can depicted in map with collected niger station information.	

Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	Grammar check and sentence rephrase is highly recommended.	
Optional/General 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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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