

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_119918
Title of the Manuscript:	EXPLORING GENETIC VARIABILITY, PATH ANALYSIS AND DIVERGENCE IN SORGHUM (<i>Sorghum bicolor</i> (L.) Moench)
Type of the Article	Review Article

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 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. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. This manuscript is full of useful scientific information for the community. Sorghum, a cereal crop belonging to the Poaceae family, is important for many populations present in semi-arid regions. Several resources of this plant material are available due to their different adaptabilities to environmental conditions but to the phenomena of genetic erosion which induces variability at the level of certain genes. The review proposed by the authors provides information on the national, international, and regional production of sorghum. Therefore, the importance given to sorghum in India could justify the diversity observed between materials. In their development, authors were able to report with an appreciable scientific style the different methods and tools used to analyze material variability and diversity. These include the use of morphological data with analysis coefficient of variation and path analysis to specify the role of the environment in variability and also genetic markers arising from new technologies for studying genetic diversity. This review constitutes an important basis for better tackling new genetic characterization studies of crops in general, particularly sorghum characterization. 2. Yes, the title is suitable 3. The abstract provides real information from the content of the document, very pleasant to read and easy to understand. 4. The authors have adopted a scientific writing methodology that respects editorial standards and principles. The well-provided structure with content well adapted to the context of the study. However, there is a lightness on the part of the author in the formatting of the document. Incomplete sentences and others that start with a lowercase letter. Title 2.1 does not appear in the manuscript 5. Yes 6. Since this is a literature review, I would like to congratulate the authors for this research effort. 7. This section must be rigorously worked on by the author. Two different styles are used in citing the document and imperfections are noted in the reference list. The author should consult the instructions for authors for better formatting of this part. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes language quality is very suitable.</p>	
<p>Optional/General comments</p>	<p>The author must carefully reread his document in order to remedy all the small errors in order to better enhance the quality of his work. I emphasize that the review is well structured and can significantly impact the scientific community.</p>	

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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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