

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_119577
Title of the Manuscript:	Assessment of Genetic Variability in M3 Generation of Cowpea (<i>Vigna unguiculata</i> L. Walp)
Type of the 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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, the work itself is interesting, now that we're talking about the effects of climate change on crops and also the increase in the human population. Enthusiasm for this legume is growing not only because of its rich protein content, but also because of its environmental plasticity. However, cowpea has yet to fully express its true yield potential.</p> <ul style="list-style-type: none"> 1. Farming practices: Understanding the traits that influence yield opens the door to new studies on cowpea breeding strategies for improvement programmes. This will provide breeders with a solid basis for selecting genotypes and providing farmers and agricultural professionals with high-performing genotypes that meet their needs. As a result, cowpea production could increase further. 2. Scientific knowledge and research: The evaluation of genetic variability in the M3 generation of cowpeas will make it possible to improve the quality of existing varieties, which will be well adapted to their environment. It should be noted that the lack of sufficient genetic variability for economically important traits is one of the major problems of cowpea. An increase in genetic variability for traits that contribute to yield, and therefore to better cowpea selection, is therefore essential. <p>2. Yes, that's right.</p> <p>3. Not quite, the summary is missing an introduction and a conclusion.</p> <p>4. Yes, that's right.</p> <p>5. I have mixed feelings, but there is still room for improvement. the results for the RC_101 variety do not appear either in the text or in the tables</p> <p>6. The references are not entirely recent. He can use this article to improve his manuscript. Akkati, V. R., Chauhan, C., Verma, S., & Mane, O. (2024). Exploring Genetic Variability Parameters for Yield and its Contributing Traits in Lentil (<i>Lens culinaris</i> L. Medik). <i>Journal of Experimental Agriculture International</i>, 46(7), 1–7. https://doi.org/10.9734/jeai/2024/v46i72550</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes, the quality of the language is appropriate	
<p>Optional/General comments</p>	Given that he only wrote with the results of the variety RC_19, I wonder if he has for the variety RC_101.	

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

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