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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_139235** |
| Title of the Manuscript: | **EVALUATION OF F2 POPULATION OF GENOTYPES IN BITTER GOURD (Momordica charantia L.)** |
| Type of the Article | **Original Research Article** |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript provides important information on genetic variability in F2 populations. This information is vital for future work in genetic improvement programs. | This manuscript is crucial as it identifies promising bitter gourd genotypes, offering valuable insights for future breeding programs aimed at enhancing yield, fruit quality, nutritional value, and disease resistance in bitter gourd cultivation. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes | “Evaluation of F2 population in Bitter gourd” |
| **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.** | Remove the title of the manuscript that is in the summary. | Removed |
| **Is the manuscript scientifically, correct? Please write here.** | Yes | yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | It has 45.94% of literature that is at least 10 years old. I consider that it should have at least 60% recent citations, update citations. | Updated the references |
| **Is the language/English quality of the article suitable for scholarly communications?** | Improve the grammar of your writing | Yes Definitely I will |
| **Optional/General** comments |  |  |

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| **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)* | No apparent ethical issues were identified in this manuscript |