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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_140676** |
| Title of the Manuscript: | **PCA-driven Insights into Hybrid-Parent Performance in Okra [Abelmoschus esculentus (L.) Moench.]** |
| 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.** | **The researcher used principal component analysis (PCA) and assessed genetic diversity. In this way, the relationships between okra (Abelmoschus esculentus L. Moench) F1 hybrids and their parental pairs were determined. The study yielded high results. The research work will lead to the development of varieties based on improved modern breeding programs to increase productivity and food security in the future.** | We are thankful for the acknowledgment of our work’s relevance and its potential impact on okra breeding and food security. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | We appreciate the supportive feedback. No changes were made to the title, |
| **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.** | İ think the researcher wrote the abstract of the article a comprehensive | We appreciate the supportive feedback. No changes were made to the abstract |
| **Is the manuscript scientifically, correct? Please write here.** | The researcher has analyzed his own results and the results of other studies in the article in a comparative manner. | Thank you for recognizing the comparative aspect of our discussion. Additional references and comparative insights have been included where  appropriate. In Introduction and Conclusion |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention**  **them in the review form.** | Yes, 58% of total references are new  **Attention should be paid to the order of letters in the reference list.** | Additional references and comparative insights have been included where appropriate. In Introduction and Conclusion. The ordering of the references  has been checked as per journal regulation in order of appearance in the text |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes | We are grateful for the positive comment. |
| **Optional/General** comments | The article is suitable for publication. | We are grateful for the positive comment. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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)* |  |