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| Journal Name: | [**Journal of Experimental Agriculture International**](https://journaljeai.com/index.php/JEAI) |
| Manuscript Number: | **Ms\_JEAI\_139623** |
| Title of the Manuscript: | **Assesment of combining ability analysis in sesame (Sesamum indicum 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 study on the effect assessment of combining ability analysis in sesame (Sesamum indicum L.) on the flowering, days to maturity, plant height (cm), number of branches per plant, number of capsules per plant, number of seeds per capsule, length of capsule (cm), 1000 seed weight (g), seed yield per plant (g) and oil content (%). The findings can contribute to improving growth rates and enhancing products with good quality. This research may help farmers to the provide valuable insight for formulating efficient breeding strategies in sesame, combining both selection and hybridization approaches to achieve genetic improvement. | The manuscript on combining ability analysis in sesame is important as it identifies good parents and crosses for breeding. It reveals the type of gene action controlling key traits. This helps in developing high-yielding sesame varieties and sharing useful findings with the scientific community. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | I think the title is appropriate | Yes |
| 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. | Yes, I believe this abstract of the article comprehensive. | Yes |
| 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.** | Yes, they are new, but it would be better to use after 2020 until 2025 sources. | Yes, I have added some refrences |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, I think so | Yes |
| Optional/General comments |  | No 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)* |  |