|  |  |
| --- | --- |
|  | |
| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_140552** |
| Title of the Manuscript: | **Studies on Variability, Heritability, Genetic Advance and Character Association for Yield and Yield Attributing Traits in Sunflower (Helianthus annuus L.) Inbreds** |
| Type of the Article | **Original Research Article** |

|  |  |  |
| --- | --- | --- |
| 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.** | 1. **History of Helianthus in introduction is not necessary.** 2. **Material and methods should be divided into subsection such as Agronomical part, Genetic part ....** 3. **Discussion section lakes sufficient references to supporting literature.** | By utilizing classical breeding methods and robust statistical tools, the study identifies key traits contributing to seed yield and highlights their genetic basis.The results offer a practical framework for breeders to implement direct selection strategies and develop high-yielding sunflower varieties. Furthermore, the findings reinforce previously established genetic patterns, enhancing their reliability and encouraging their broader application in oilseed crop breeding. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Its ok** | Yes okay sir … |
| 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. | **Its ok** | Yes okay sir …. |
| Is the manuscript scientifically, correct? Please write here. | Its ok | Yes okay sir…. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | It should include more references. | I think I added sufficient and recent references related to the result. but I also add some references. |
| Is the language/English quality of the article suitable for scholarly communications? | Some words have spelling errors. | Okay sir, I have corrected the spelling mistakes in the original manuscript. |
| Optional/General comments |  |  |

|  |  |  |
| --- | --- | --- |
| **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 ethical issues. |