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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_140297** |
| Title of the Manuscript: | **Genetic Variability studies for yield and yield contributing traits in Linseed (Linum usitatisimum 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)  Thank you for your comment. We would like to confirm that the review comments provided in this submission were solely generated by the authors and have not involved any Artificial Intelligence (AI) assistance in the peer review process. We understand the importance of adhering to ethical guidelines and have taken necessary steps to ensure compliance. |
| **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 provides essential insights into genetic variability and heritability of yield-related traits in linseed, offering a strong foundation for breeding high-yielding varieties. The identification of promising genotypes supports efficient selection strategies. These findings are valuable for enhancing oilseed productivity and guiding future genetic improvement programs.** | No need. I have mentioned it in my paper |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Genetic Variability and Heritability of Yield-Related Traits in Linseed (*Linum usitatissimum* L.)**  **Assessment of Genetic Parameters for Yield and Associated Traits in Linseed (*Linum usitatissimum* L.)** | Yes, the title has been decided by us. |
| 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. | **The abstract is generally informative but can be improved by removing redundancy and including key numerical highlights. Repetitive phrases about the importance of genetic variability should be deleted or condensed. Adding brief results, such as high heritability values or top-performing genotypes, will strengthen its impact. A final sentence highlighting the breeding relevance of the findings should be included to improve completeness.** | Yes, I have made some changes to the abstract. |
| Is the manuscript scientifically, correct? Please write here. | **Overall, the manuscript is scientifically sound in its objective, methodology, and data interpretation. However, several technical and conceptual issues should be addressed to enhance scientific rigor and clarity.** | YES |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **The manuscript includes a sufficient number of references, with several recent citations from 2020–2024. However, most are from regional journals, lacking high-impact international sources. Key areas like molecular breeding, QTL mapping, and genomic selection in linseed are not referenced. Adding a few peer-reviewed articles from journals like *Euphytica* or *Crop Science* would strengthen the scientific foundation.** | Yes |
| Is the language/English quality of the article suitable for scholarly communications? | **The manuscript needs careful language polishing, including grammar correction, sentence restructuring, and academic tone enhancement, to be fully suitable for scholarly communication. A thorough proofreading or professional language editing is recommended before submission.** | Yes |
| Optional/General comments | **The study is relevant and contributes useful information on genetic variability in linseed. The experimental design is sound, but the manuscript needs clearer interpretation and better linkage to breeding applications. Language, formatting, and citation quality require improvement. With revisions, the paper has potential for publication.** | Yes, I have mentioned all future breeding plans in the conclusion, so there is no need for that now. |

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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 ethical issue. |