

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_122890
Title of the Manuscript:	Assessment of Genetic Diversity and Direct and Indirect Effects of Traits on Seed Yield in Sunflower (<i>Helianthus annuus</i> L.)
Type of the Article	Original Research Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	A good article focusing on the importance of effects of traits on Seed Yield in Sunflower.	
Is the title of the article suitable? (If not please suggest an alternative title)	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.	Add 1-2 lines comprising background of the topic	
Are subsections and structure of the manuscript appropriate?	Results and discussion can be separated, remaining sections are appropriate.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This study appeared scientifically robust due to its comprehensive approach in analyzing both genetic diversity and the correlations between various traits and seed yield. The study's use of well-established statistical methods, such as path analysis, to quantify direct and indirect effects enhances the technical soundness of its findings.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Out of 17 references, 11 are recent (last 5 years). Few of the previous references are too old, recommend to add up to last 10years	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yeah language is appropriate	
Optional/General comments	A well-written article, but it needs modification and improvement specially methodology section. Add detailed procedure on how traits, genotype and phenotype characteristics were measured and assessed. Study duration is missing. Conclusion needs rephrasing by writing the concluded findings according to study objective. Reference is missing at 1-2 points. Further comments are mentioned within the manuscript.	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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