

Review Form 1.7

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_105283
Title of the Manuscript:	Effect Of Planting Date On Accumulated Growing Degree Units And Grain Yield In Egyptian Yellow Maize Inbred Lines
Type of the Article	Research Article

General guideline for 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 guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalarrb.com/index.php/ARRB/editorial-policy>)

Review Form 1.7

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Useful, for researchers it may serve as bench mark for further study the effect of planting date at different agro-ecology and for various maize genotypes. Because planting date could vary depending environmental condition and variety.</p> <p>Need modification, Effect of Planting Date on Accumulated Growing Degree Units, Grain Yield, and Growth Traits in Egyptian Yellow Maize Inbred Lines</p> <p>Better to re-write the sentence of the first two lines. I.e. The study was conducted to with the evaluating the impact of planting date on maize inbred lines and determine accumulated growing degree units (GDU). The experiment was held at three locations (name locations) with RCBD of four replications. Besides, better to indicate the best performing inbred lines for each location and planting date</p> <p>After analysis of variance place mean performance of inbred lines and sentence written to explain Growing Degree Units should be revised</p> <p>While interpreting analysis of variance includes p-value in the text as well in the table, arrange mean square values in one table, citation problem in introduction and material part, objectives should be indicated in the introduction part not separately.</p> <p>Some are old, refer these articles: Djaman, K., Allen, S., Djaman, D.S., Koudahe, K., Irmak, S., Puppala, N., Darapuneni, M.K. and Angadi, S.V., 2022. Planting date and plant density effects on maize growth, yield and water use efficiency. <i>Environmental Challenges</i>, 6, p.100417 Maresma, A., Ballesta, A., Santiveri, F. and Lloveras, J., 2019. Sowing date affects maize development and yield in irrigated mediterranean environments. <i>Agriculture</i>, 9(3), p.67. Long, N.V., Assefa, Y., Schwalbert, R. and Ciampitti, I.A., 2017. Maize yield and planting date relationship: A synthesis-analysis for US high-yielding contest-winner and field research data. <i>Frontiers in plant science</i>, 8, p.2106 Akinuoye-Adelabu, D.B. and Modi, A.T., 2017. Planting dates and harvesting stages influence on maize yield under rain-fed conditions. <i>Journal of Agricultural Science (Toronto)</i>, 9(9), pp.43-55.</p> <p>Yes, in introduction part lack acknowledging one's idea, improper citation</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Need revision for article use(a, an, the) and preposition, use Grammarly to edit</p>	
<p>Optional/General comments</p>	<p>Since farmers will not deal with inbred lines, dot mention farmer as beneficiary. Farmer uses hybrid maize. in conclusion part also better to state the recommended planting date and best performing inbred lines</p>	

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

Review Form 1.7

Reviewer Details:

Name:	Abenezer Abebe Tefera
Department, University & Country	Holeta Agricultural Research Center, EIAR, Ethiopia