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| Journal Name: | [**Asian Journal of Research in Crop Science**](https://journalajrcs.com/index.php/AJRCS) |
| Manuscript Number: | **Ms\_AJRCS\_135397** |
| Title of the Manuscript: | **The Effect of Accessions on the Growth and Adaptation of Pineapple (Ananas comosus (L.) Merr.) Under Drought Stress Conditions** |
| Type of the Article | **Original Research Article** |

**PART 1: Comments**

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|  | **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.** | **Drought stress is one of the major abiotic stresses affecting crop productivity and in this context the manuscript attempts to study productivity of pineapple fruit under accession stress. As such work is of some significance.** |  |
| **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.** | **If written based on journal template requirement it should be fine, however its advisable to set context to the study undertaken and then describe some results in the abstract.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | Yes, |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | yes |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes only few minor changes are expected |  |
| **Optional/General** comments | **There are few things that authors should pay attention in this manuscript. Parameters like RWC, chlorophyll content and stomatal frequency although mentioned require to be addressed in depth, methods used to determine the same must be clearly addressed.**  **Pineapple fruit set is associated with anthocyanin pigment development and it would have been a good indicator of stress response to drought and could have been quantified. Some of the abrevations mentioned in the table and description do not match.**  **Discussion should reflect on Cam metabolism as pineapple is Cam plant and physiological reason behind flowering response due to drought should be addressed. Discussions require more justification with available literature in context to the manuscript.**  PLEASE SEE ATTACHMENT |  |

**PART 2:**

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|  | **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 detail)* |  |

**Reviewer details:**

**Sangeeta G. Sankhalkar, CES Parvatibai Chowgule College of Arts and Science, India**