

**Review Form 3**

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|--------------------------|--|
| Journal Name:            | <a href="#">Journal of Scientific Research and Reports</a>                                     |
| Manuscript Number:       | Ms_JSRR_131384   |
| Title of the Manuscript: | Introduction of New Chickpea Variety JG-14 in DSSAT for a Sustainable Agricultural Development |
| Type of the Article      | Original Research Article  |

Review Form 3

PART 1: Comments

|   |  |  |
|---|--|--|
|   | <b>Reviewer's comment</b><br><b>Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.</b>   | <b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
| <b>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.</b> | By incorporating this durable and high-yielding variety into DSSAT, the manuscript offers important insights into how to maximize chickpea production under a range of climatic circumstances. In order to improve management techniques and increase food security, scientists, agronomists, and farmers can use this model-based method to more accurately forecast crop performance. Additionally, the publication advances the field of precision agriculture by providing a tool to model and evaluate how crop management, soil health, and climate change affect chickpea yields. |  |
| <b>Is the title of the article suitable? (If not please suggest an alternative title)</b>   | ok   |  |
| <b>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.</b>      | A brief discussion of the study's potential contributions to future studies on chickpea farming or climate change adaptation could be helpful. This could offer a prospective view of how the study contributes to current agricultural innovation.  |  |
| <b>Is the manuscript scientifically, correct? Please write here.</b>  | i.e., et.al. Correct as italic. In all figure remove dot after sentence complete   |  |
| <b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>                              | Check reference according to journal guideline. Add some latest reference  |  |
| <b>Is the language/English quality of the article suitable for scholarly communications?</b>  | ok   |  |
| <b><u>Optional/General</u> comments</b>   |  |  |

PART 2:

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

Reviewer Details:

|                                  |   |
|----------------------------------|---|
| Name:                            | Mori Ruchitbhai Bhagvanbhai             |
| Department, University & Country | Junagadh Agricultural University, India |