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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_141084** |
| Title of the Manuscript: | **Assessing Heterosis and Combining Ability in Bell Pepper (Capsicum annuum L.) Using Male Sterile Lines** |
| 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) |
| **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.** | Research on bell pepper especially on heterosis aspect is highly significant due to its economic value, nutritional importance, and global consumer demand. | Bell pepper is one of the popular and highly remunerative annual herbaceous vegetable crop. It holds very coveted position as one of the leading off season vegetable crop  in Himachal Pradesh which fetches high price in market. There has been increasing demand of capsicum in market due to delicate taste, pleasant flavour, ascorbic acid, vitamin  A and coloured fruits. Exploiting heterosis using male sterility has broken the upper limit of fruit yield in bell pepper. In India, hybrids has been growing steadily due to their genetic uniformity, built in resistance, wider adaptability and higher yield potential. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | 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. | **Yes** |  |
| Is the manuscript scientifically, correct? Please write here. | **Yes** | Yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | No, recent refernces should be added as the references cited are very old. | I have cited new one along with old ones |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | Yes |
| Optional/General comments | **Result part especially heterosis part is not written properly . I have given the comment. These should be incorporated in the result.** | I have corrected it properly. |

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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 |