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| Journal Name: | [**International Journal of Plant & Soil Science**](https://journalijpss.com/index.php/IJPSS) |
| Manuscript Number: | **Ms\_IJPSS\_139715** |
| Title of the Manuscript: | **Effect of Plant growth regulators on growth, yield and quality of Chilli (Capsicum annuum L.)** |
| Type of the 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.** | The manuscript titled “Effect of Plant growth regulators on growth, yield and quality of Chilli (Capsicum annuum L.)” presents an interesting approach to achieve high quality, yield and growth of the fruit by using different PGRs. It offers valuable insights into optimizing protocol for enhanced production of such economically important crop plant, benefitting farmers on a larger scale. The use of PGRs at specific concentration lead to a better understanding to the audience for future research purposes as well. | The study shows that growth regulators improve the growth, yield, and quality of chilli. NAA and Paclobutrazol gave better results compared to other treatments |
| **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. | The abstract overall is scientifically sound. However, the authors must follow the binomial nomenclature rule for writing the scientific name of plant i.e. *Capsicum annum* L. | Abstract scientifically good |
| Is the manuscript scientifically, correct? Please write here. | The authors must write the methodology followed for ascorbic acid and total chlorophyll content estimation for the readers to get the exact idea of the protocol. Also, the authors should refrain themselves to cite certain work in the results and discussion section for not more than two times as it creates redundancy to the manuscript (like the authors have cited the work of Khandaker 2020 and Baloch 2019 multiple times). | Manuscript scientifically correct |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | yes | Yes |
| Is the language/English quality of the article suitable for scholarly communications? | yes | Yes |
| Optional/General comments | Authors should carefully check the entire manuscript and recheck the data presented in the text. |  |

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| **PART 2:** | | |
|  | 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)* | No |