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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_138906** |
| Title of the Manuscript: | **Effect of Weather Parameters on Population Dynamics of Major Sucking Insect-Pests and Their Natural Enemies of Soybean [Glycine max (L) Merrill]** |
| 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.** | | The paper analyzes the effects of weather conditions (temperature, humidity, precipitation) on major sucking pests (aphid, whitefly, pod bug) and their natural enemies (Coccinella transversalis) in soybean based on two years of field data. These local and seasonal dynamics are important for site-specific integrated pest management planning. | | |  |
| **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.** | | YES | | |  |
| **Is the manuscript scientifically, correct? Please write here.** | | The statistical analysis section is very limited. The source of the meteorological data should be stated in the method section and the statistical analyses should be expanded.  Most of the discussions consist of literature repetition. Original interpretation or comparative evaluation is insufficient.  Graphics should be useful | | |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | | A more effective reference search should be conducted on the subject. Babu, R. (2010)” study is apparently off-topic (on “hepatitis literature”).  The use of theses as references is not accepted in many academic journals because they are not published. The author should be careful about this. (e.g. Shylla, 2018 and Jamir, 2018).  References should be formatted in a single standard (e.g. APA, MLA, etc. according to JABB’s guide). Off-topic or irrelevant sources should be removed. | | |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | | YES | | |  |
| **Optional/General** comments | | The article provides a valuable dataset with field-based observations. The discussion section should include more in-depth comments and the results should be supported with visuals. The method section should be expanded in terms of statistics and the references should be reviewed and standardized. The lack of graphics is a significant deficiency. | | |  |
| **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 details)* |  | | |

**Reviewer details:**

**Erhan Unlu, University of Dicle, Turkey**