

Review Form 1.6

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| Journal Name: | Asian Journal of Advances in Agricultural Research |
| Manuscript Number: | Ms_AJAAR_88018 |
| Title of the Manuscript: | Comparative study of different insecticide efficiencies against the population of winter wheat aphids (<i>Sitobion avenae</i>) |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajaar.com/index.php/AJAAR/editorial-policy>)

PART 1: Review Comments

| | 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) |
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| Compulsory REVISION comments | <p>The manuscript compares the insecticidal potential of several pesticides against <i>Sitovion avenae</i>, an aphid pest of <i>Triticum aestivum</i> (wheat). Authors analyse pesticide efficiency through mean values of number of aphids presents in different wheat plots, compared to an untreated wheat plot. The topic of this research is good due to the relevance of aphid infestation in crops and the necessity of food production. Results are obvious and expected.</p> <p>Relevant comments:</p> <ul style="list-style-type: none"> -What is the main goal or objective of this research article? Can the authors highlight the importance of carrying out this study, applying it to a local issue? Is there some implication in using these substances in the region where the research was carried out? - Did the authors do any other analysis (enzymatic or genetic) in dead populations of aphid? Same question considering those surviving populations, in particular considering the pesticide resistance problems? -Statistical analysis was not carried out. Results are concluded based on mean values without any statistical design. At least a mean values comparison should be performed. | |
| Minor REVISION comments | <p>Minor comments</p> <ol style="list-style-type: none"> 1. Check grammar and punctuation highlighted in yellow 2. Check paragraph and sentence structure 3. Scientific names should be written in italics (<i>Sitovion avenae</i> and <i>Triticum aestivum</i>) <ul style="list-style-type: none"> - Some minor questions are marked in red in the manuscript 4. In Table 1, the order of the treatments should be correlated to T1 to T7, as described in the methodology. This could help readers to understand these results. | |
| Optional/General comments | | |

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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

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Reviewer Details:

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