

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_ IJPSS_82556
Title of the Manuscript:	Determination of Insecticidal potential of Lentil Lectin through Bio-computational Tool
Type of the 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.journalarrb.com/index.php/ARRB/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)
Compulsory REVISION comments	<p>As expected (the same protein of legumes Lectin) the results of your research and research mentioned above are very close to each other, therefore you Should refer to this research in your references and Rewrite research in different style.</p> <ol style="list-style-type: none"> 1- Add Insecticidal potential to keywords 2- Your figures need to be clearer especially figures 3, and 4 which contain unclear words of amino acids names and clarification about what colours mean. 3- Table caption is written above (not below) table. 4- Announce name of functional domain of LL protein 	
Minor REVISION comments	<ol style="list-style-type: none"> 1- It is necessary to give clarification about what colours mean in figure 3, or to what functional domains refer. 2- What is the functional group of protein 3- APN of <i>Acyrtosiphon pisum</i> membrane is used as receptor for purpose of LL active site mapping only, in other words LL protein has insecticidal potential against <i>Acyrtosiphon pisum</i> only or broad insecticidal spectrum (name them if they are existed). 4- It is necessary to add some new references: https://doi.org/10.20546/ijcmas.2018.706.114, In-SilicoDeterminationofInsecticidalPotentialofVip3Aa-Cry1AcFusionProteinAgainstLepidopteranTargetsUsingMolecularDocking, Frontiers in Plant Science, December2015 Volume6 Article1081 	
Optional/General comments		

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PART 2:

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

Reviewer Details:

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