

Journal Name:	<a href="#">Asian Journal of Current Research</a>
Manuscript Number:	Ms_AJOCR_12653
Title of the Manuscript:	<b>EFFICACY OF NATIVE BACILLUS THURINGIENSIS BERLINER ISOLATES AGAINST DIAMOND BACK MOTH, PLUTELLA XYLOSTELLA (LINNAEUS) AND ITS COMPATIBILITY WITH COMMON INSECTICIDES</b>
Type of the Article	

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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.

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**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> ( <i>Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here</i> )
<b>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.</b>	This paper has significant significance for the scientific community as it provides new insights into the effectiveness of indigenous <i>Bacillus thuringiensis</i> (Bt) against <i>Plutella xylostella</i> (diamondback moth) which poses a serious threat to cruciferous crops. The study also evaluated the compatibility between Bt isolates and chemical insecticides, a key step in integrated pest management (IPM). These findings not only support the use of indigenous microbes as bioinsecticides but also contribute to reducing the reliance on excessive chemical insecticides, supporting sustainability in agriculture. The results can guide more effective and environmentally friendly pest management practices.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The current title is fairly descriptive but does not clearly describe the study's purpose or main results. Example: "Efficacy and Compatibility of Native <i>Bacillus thuringiensis</i> Strains with Insecticides for Diamondback Moth Management"	

<p><b>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.</b></p>	<p>Add details about the experimental design (bioassay), specific results, and implications for pest management. correct the grammar, for example: <i>"This study evaluated the toxicity of five native Bacillus thuringiensis isolates against Plutella xylostella. All isolates demonstrated high toxicity, achieving 100% mortality within 72 hours. Compatibility tests with insecticides revealed that most combinations were effective, except for acetamiprid, DDVP, and imidacloprid at higher doses. These findings highlight the potential of integrating B. thuringiensis with insecticides in integrated pest management (IPM) strategies."</i></p>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<p>The manuscript you uploaded on "Efficacy of Native <i>Bacillus thuringiensis</i> Berliner Isolates Against Diamond Back Moth ( <i>Plutella xylostella</i> )" and its compatibility with insecticides has a strong scientific basis, with the following key points:</p> <p><b>Valid Scientific Approach:</b></p> <p>The manuscript uses bioassay to evaluate the insecticidal activity of <i>Bacillus thuringiensis</i> isolates against <i>Plutella xylostella</i>.</p> <p>The methodology used, such as the calculation of percentage larval mortality and statistical analysis, is standard in this type of research.</p> <p><b>Relevant References:</b></p> <p>This study refers to widely accepted literature, such as Hofte &amp; Whiteley (1989) for the description of insecticidal crystal proteins and Tabashnik et al. (1990) for insect resistance to <i>B. thuringiensis</i>.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<ol style="list-style-type: none"> <li>1. The reference format is inconsistent.</li> <li>2. Some references seem a bit out of date.</li> <li>3. Please, used article update in MDPI, Elsevier, nature journal, etc</li> </ol>	

<p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language quality of the article is mostly suitable for scholarly communication, with clear scientific terms and standard formatting for academic papers. However, a few issues can be improved for better readability and precision:</p> <p><b>Clarity in Objectives:</b> The purpose and findings of the study are well-articulated in the abstract and introduction.</p> <p><b>Use of Technical Terms:</b> Correct use of scientific terminology, such as <i>Bacillus thuringiensis</i> strains, compatibility, and bioassay protocols.</p> <p><b>Structured Presentation:</b> Clear organization of sections, including abstract, introduction, methods, results, and references.</p>	
<p><b>Optional/General</b> comments</p>	<ol style="list-style-type: none"> <li>1. A discussion of potential resistance to <i>B. thuringiensis</i> could be added, given previous reports showing similar resistance in other pests.</li> <li>2. Some important references may need to be updated to reflect the latest literature.</li> </ol>	

**PART 2:**

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

**Reviewer Details:**

<p>Name:</p>	<p><b>Muhammad Helmy Abdillah</b></p>
<p>Department, University &amp; Country</p>	<p><b>Hasnur Polytechnic, Indonesia</b></p>