

## Review Form 1.7

Journal Name:	<a href="#">Journal of Advances in Biology &amp; Biotechnology</a>
Manuscript Number:	Ms_JABB_100687
Title of the Manuscript:	Evaluation of the Fertility Indices of Female Mice Exposed to Dimethoate and Beetroot Extract (Beta vulgaris )
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://journaljabb.com/index.php/JABB/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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>1. Yes it's useful for scientific community and the study suggests that Beta vulgaris may have a positive effect on fertility in experimental animals, while Dimethoate negatively affects reproduction by reducing fertility indices. The manuscript provides valuable insights into the potential impact of pesticides and natural extracts on fertility and contributes to the scientific community's understanding of these factors.</p> <p>2. Yes - suitable as it clearly reflects the main objective of the study</p> <p>3. Yes, the abstract of the article appears to be comprehensive. It covers essential elements such as the aim of the study, the experimental design employed, the location and duration of the study, and the methodology used. It also includes a clear presentation of the results obtained from the study.</p> <p>4. Yes Appropriate</p> <p>5. May be correct</p> <p>6. Yes sufficient</p> <p>7. Limited sample size: The study used a relatively small sample size of 30 mice divided into 6 groups. A larger sample size would enhance the statistical power and reliability of the findings.</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>the language and English quality of the article appear to be acceptable for scholarly communication.</p>	
<p><b>Optional/General</b> comments</p>	<p>Rewrite the discussion section should interpret the results and relate them to the existing body of knowledge. It should also address any limitations of the study and propose future research directions. In this case, the discussion should focus on the implications of the observed changes in fertility indices due to dimethoate exposure and the potential protective effects of beetroot extract.</p>	

[Review Form 1.7](#)

**PART 2:**

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

**Reviewer Details:**

Name:	<b>M Sivakumar</b>
Department, University & Country	<b>Sree Balaji Medical College and Hospital, India</b>