

Review Form 1.6

Journal Name:	International Journal of Research and Reports in Gynaecology
Manuscript Number:	Ms_IJRRGY_84686
Title of the Manuscript:	Chronic toxicological effect of 2, 2-dichlorovinyl dimethyl phosphate (Sniper) on some Reproductive and Thyroid Hormones of New Zealand white Rabbits
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:

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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>Some of the problematic sentences have been highlighted in yellow in the manuscript.</p> <p>1. Section: ABSTRACT - Conclusion Conclusions should be more in-depth, with significant changes in experimental indicators, the results should go further analysis of what the underlying problems indicated and related to the toxicology of chronic biotoxicity. Where possible, the mechanisms of chronic toxicity, the similarities and differences between oral and inhalation exposure pathways, and the causes of these differences should be inferred or pursued.</p> <p>2. Section: 1. INTRODUCTION The structure of introduction should be adjusted carefully before the authors make any detailed revisions. For example, firstly introduces Dichlorvos usage and pollution status, then introduces toxicity, and finally gives the necessity and significance of research. In terms of toxicity, reproductive toxicity and endocrine toxicity (thyroid) toxicity are introduced respectively to make the structure clearer. In addition, if possible, please introduce the parameters you measured in section 2.4.2 Laboratory Investigation of Parameters in turn, such as Testosterone、Follicle Stimulating Hormone (FSH)、Rat Luteinizing Hormone (LH)... Describe whether there were literatures available to analyze toxicity by measuring these parameters, and the significance of these parameters, their respective toxicity and symptoms...</p> <p>3. Section: 2.3 Experimental Design Please consider this sentence carefully. “The rabbits were divided into three (3) groups of four (4) rabbits each with four (4) matched controls.”</p> <p>4. Section: 2.4.2 Laboratory Investigation of Parameters Could you briefly introduce the operating methods, principles, and instruments used, etc of the methods used in this manuscript (e.g., Enzyme Immunoassay, sandwich-ELISA method, etc.).</p> <p>5. Section: 3. RESULTS AND DISCUSSION (1) Please summarize or briefly introduce "multiple alternative action"? (2) Please expand or merge this sentence as appropriate. "The significant decrease in the mean values of the serum testosterone implies decreased steroidogenesis." (3) “This result is in agreement with who in their study found significant decrease in the TSH value of rats that were treated with dichlorvos.” What does "who" mean? Please cite the literature. (4) This paragraph should be brought forward a paragraph. “TSH is considered as ... the diagnosis of thyroid disorders.” (5) Document formatting error. “(Singh & Parwan, 2009)” – [...]</p> <p>6. Section: 4. CONCLUSION The conclusion seems be a simple summary of experimental data, and should be extended appropriately.</p>	
Minor REVISION comments	<p>1. Section: 1. INTRODUCTION: - The first paragraph (1) carefully check for “Dichlorvous” throughout the whole manuscript: Dichlorvos. (2) “Dichlorvos”, DDVP for short, should be given. (3) “WHO” should be given where it first appears. (4) The two sentences should be combined: “An estimate of 3 million cases of dichlorvos poisoning occur every year worldwide resulting in an excess of 250,000 deaths [1]. The World Health Organization (WHO) has also estimated that the number of suicidal deaths will reach 1.5 million people in the year 2020 [1].” (5) This sentence should be moved, for example, in the second sentence of this paragraph: “The annual dichlorvos release ... 10,013 for central American countries.” (6) Please briefly introduce the relationship between “organophosphorus pesticides” and “dichlorvos”.</p>	

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	<p>2. Section: 1. INTRODUCTION: - The third, fourth paragraphs</p> <p>(1) Change the text structure.</p> <p>(2) Give the reasons for choosing New Zealand white rabbits (Oryctolagus cuniculus) as experimental animal materials, why not rats or mice?</p> <p>3. Section: 2.5 Statistical Analysis</p> <p>“SPSS version 22.0 of windows statistical package” Please give the origin of The SPSS software package.</p> <p>4. Section: 3. RESULTS AND DISCUSSION</p> <p>“The analytes used in the assessment of the effect of dichlorvos on ... play a crucial role in the pathogenesis of infertility.” This paragraph, and some of the summary text that follows, can be moved to the introduction as appropriate.</p>	
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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

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