



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_6372
Title of the Manuscript:	Preparation and Characterization of O/W Emulsion Formulation of Deltamethrin
Type of the Article	Environmental

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	The results and discussion part needs to be more comprehensive for the readers. The authors need to support their results by giving more recent references. The authors also need to check the integrity of the pesticide active ingredient used in the formulation before and after water oil emulsion with respect to time to ensure its shelf life. What is the half life of the pesticide?. I suspect humification of the active ingredient in water at certain pH, which may degrade the effectiveness of the pesticides for the target organism and may alter the latency period.	The integrity of the active ingredient was checked prior to the study as mentioned in section 2.1 Materials, deltamethrin was 98% pure. From that we prepared a 5% oil in water emulsion as mentioned in section 2.2.1 Emulsion Preparation. The results of active ingredient content in the formulation was checked during the product stability test as shown in Table 1 and explained in detail under the (active ingredient) heading in the Results and Discussion section of the paper, showing that the active ingredient degradation during the storage stability test was within the acceptable limits and therefore the active ingredient was present in the product throughout its shelf life as per storage stability test results
<u>Minor</u> REVISION comments	Use of Abbreviation in the Title is not advisable. All abbreviations shall be explained on first appearance in the text for instance o/w. 2.2.1. Emulsion Preparation Please remove the dot in all headings and subheadings The results are presented in Table (2) controlling the stability and aging of an emulsion is important because of application	Explained in the manuscript



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	perspectives. (rephrase the sentence) Also, the stability of the product on initial emulsification and re-emulsification were good. It should be corrected as: Also, the stabilities of the product on initial emulsification and re-emulsification were good. table (3).should be corrected as Table (3).	
<u>Optional/General</u> comments		