**SDI Review Form 1.6**

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| Journal Name: | **American Journal of Experimental Agriculture** |
| Manuscript Number: | **2014_AJEA_15609** |
| Title of the Manuscript: | **Comparative performance of Pyrethrum (*Chrysanthemum cinerariifolium* Treviranus) extract and Cypermethrin on some field insect pests of groundnut (*Arachis hypogea.* L.) in southeastern Nigeria.** |
| 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:

(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)* |
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| **Compulsory** REVISION comments | **Interesting work in the field of agricultural science and it is useful for scientific community.**<br><br>**Rewrite result and discussion section,**<br><br>**You should emphasis your results. Brief and strong .**<br><br>**Discuss your result with previous findings, your discussion like review.**<br><br>The leaf damages were 2.80 and 2.83 in treatments and control in 4.52 leaves, it was not that much different. The author has stated that seed weight (0.06 kg) in untreated control was very less, when compared to treatment 0.26 and 0.22 kg. As per his statement about seed weight 0.06 is acceptable when the leaf damage should be complete / more than 75%.<br>Methods<br>Really it is possible within 3 h all active principle extracted from water? By filtration<br>WAP in the abstract should be abbreviated<br>**Field Application of Plant Extract and Cypermethrin 10 EC**<br><br>The different levels of plant extracts and Cypermethrin 10 EC, in water, were foliar- sprayed using a 250 ml hand sprayer, weekly for 3 weeks 'Should be' The plant | |

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| | extracts and Cypermethrin 10 EC, in water, were foliar-sprayed using 250 ml hand sprayer and will applied in three application in a week interval .<br><br>Collected insects were stored with chloroform and later identified in the laboratory<br><br>Generally insect preservation should be in 70% alcohol<br><br>**Irrelevant discussion**<br>Symptoms of cypermethrin poisoning in humans include numbness, burning, loss of bladder control, vomiting, incoordination, seizures, coma and death. The insecticide could cause<br>reproductive toxicity, including abnormal sperm and disruption of sex hormones [21] and is<br>very toxic to fish and other aquatic organisms [22]. | |
| **Minor** REVISION comments | | |
| **Optional/General** comments | | |

**Reviewer Details:**

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