



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2013_AJEA_4855
Title of the Manuscript:	Toxicity, antifeedant and growth regulating potential of three plant extracts against the desert locust Schistocerca gregaria Forskal (Orthoptera: Acrididae)

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The answers are generally satisfactory except for the number of repetitions performed in various tests	We would like to thank the reviewer for the valuable comments. In each test, treatments were replicated 4 times if we have understood the question correctly, however, if repetition means repeating the whole experiment, we have carried out our experiments during the rainy season which last for only two months and we carried out each experiment once, since we need to follow treated nymphs several weeks to study the long-term effect of the test products. We selected the rainy season for conduction of the study because it is the optimal time for breeding and rearing of the desert locust. The experiments were also conducted in semi-field conditions in large rearing cage to simulate the external environmental conditions. The insects reared under such conditions are likely being of the same physiological conditions of wild populations. Rearing locust in captivity in other seasons might produce insects that do match wild population , at least physiologically, and hence the results of any test might not be reliable. We would like to conclude that seasonality of insect availability and the limited budget available for us were the reasons of not repeating each experiment several times in the same season and across seasons.