



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_32643
Title of the Manuscript:	FIELD EVALUATION OF FOLIAR BLEND MICRONUTRIENT FERTILIZER ON COTTON (<i>Gossypium</i> sp) PRODUCTION IN KATSINA STATE, 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.

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	Abstract: -Abstract should not be more than 250-300 words and should be written in a single paragraph -Write in a comprehensive manner -Geographical details of experimental site and treatments preparation should be given in detail in Material and Methods section. Keywords: -Please give proper keywords Introduction -Please write the scientific names of Kenaf and Jute -Introduction is very poor. It fails to predict the need of micronutrients for better cotton production. -Authors also did not mention the micronutrient whose deficiency affects the cotton growth and yield Materials and Methods -Line 76-79: The study was conducted at three locations within Katsina State, Nigeria at Funtua (Longitude 7° 19' E, latitude 11° 32' N) Bakori (Longitude 7° 26' E, latitude 11° 33' N) and Faskari (Longitude 7° 2' E, latitude 11° 43' N) during wet season 2013 and dry season 2014. -Line 80-81: Climate is arid with dry and hot summer with a temperature ranges between 28-30 °C and annual rainfall is 1101.25 mm respectively (References). -Write complete scientific name of cotton (<i>Gossypium hirsutum</i>) instead of writing <i>Gossypium</i> sp. Or <i>Gossypium</i> spp. As sp. represent species and spp. is for subspecies. While only one variety of cotton was used, so there is no need to write sp or spp. Results	



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	- Mention the Analysis of FoliarBlend fertilizers in Material and Methods section instead of writing it in Result section -Results for Bakori and Faskari experiments are missed -Discussion is not written, that makes the paper poor. The improvement in cotton growth and yield with reference to composition of FoliarBlend should be justified. Only in that case the present research will have some authenticity. -Please check the SI units, chemical formulas and correct them wherever needed - Formatting is also required Line 196: Author wrote Exchangeable Bases but Al is not a base -Graphical presentation is also very poor -NPK was used in combination with FoliarBlend while graphs only represent the presence of N Data and graphs are missed for Bakori and Faskari locations -Letter 'ba' is incorrect as no statistical Test represents this kind of significance. Please correct it. -What is the purpose of bolding the data of yield/ha and number of bolls at 60 kg NPK ha⁻¹??? If authors mean that bold values showed significant treatment then the data is incorrect. Because in statistical analysis values with 'd' letter are least significant while 'a' letter shows highly significant means. So I recommend analysing the data again. -Write the paper following the format of JEAI.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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