



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_20209
Title of the Manuscript:	ASSESSMENT OF SPIDER PLANT (Cleome gynandra L.) GERMPLASM FOR AGRONOMIC TRAITS IN VEGETABLE AND SEED PRODUCTION - A GREEN HOUSE STUDY
Type of the Article	Original Research Article

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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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(<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)
Compulsory REVISION comments	MS_AJEA_20209 entitled „Assessment of spider plant (Cleome gynandra L.) germplasm for agronomic traits in vegetable and seed production - a green house study“ represents a useful study aimed at an evaluation of basic growth- and productivity-related characteristics in minor vegetable spider plant (Cleome gynandra L.) in Kenya. The experimental data are presented adequately, including adequate statistical treatment, and clear conclusions are formulated. I have only a few formal comments on the manuscript. For example, the term „leaf accumulation“ should be rather rephrased as „cumulative number of leaves“ One major comment: In Conclusion, lines 248, 252, „Annex 1“ is referred to; however, no Annex 1 is shown in the manuscript. It has to be added there. Formal comments: Abstract, lines 1, 2: I would suggest to rephrase the first sentence in Abstract as follows: „Spider plant (Cleome gynandra L.) is one of the most important traditional vegetables in Kenya, albeit underutilized.“ second sentence: „Concurrently, scanty information is available on its potential for vegetable and seed production.“	



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	Introduction, line 20: Insert „a“ before the term „genetic erosion“ in the sentence „....and there is a genetic erosion.“ Introduction, line 47: Remove the extra word „desirable“ in the sentence „The objective of the current study was therefore to assess spider plant genotypes for agronomic traits desirable in seed and vegetable production.“ Material and methods, line 82: Modify the verb form „pick“ to „picked“ in the sentence „....and 5 pods were picked at random from each of teh plants...“ Line 85: Use the term „weighing scale“ instead of „weighing balance“ Results and Discussion Line 107: Insert a comma before and after the word „therefore“ Line 116: Modify the word „increases“ to „increase“ in the sentence „...and the effects of photoinhibition increase at temperatures lower than 20 °C....“ Line 120: Remove the verb „are“ in the sentence „the greater the chances for soil disease and insects to attack the seeds...“ Line 127: Modify the term „not statistically significantly“ to „not statistically significant“ Line 151: Insert the verb „reveal“ in the sentence „...and hence reveal low leaf yields.“ Line 155: Use the verb „represent“ instead of „form“ in the sentence „Therefore, the genotypes that také more than 35 days from planting to flowering will represent good candidates for improvement for vegetable purposes.“ Line 164: Insert a comma after the cultivar´s	
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	name „Saga“ Line 173: A verb is missing in the sentence - insert a verb „will be found“ in the sentence „....and hence low photosynthetic rate resulting in low productivity per unit area will be found, especially...“ - insert a comma before the word „especially“ Line 191: Insert a comma after the words „in Arabidopsis,...“ Line 193: Insert a space between the number and the corresponding unit in „20-50 days“ Lines 204, 207: Insert „a“ before the words „number of pods per plant“, i.e., „a number of pods per plant“ Line 219: Insert a space between the words „GBK-028554“ and „with“ Conclusion, line 252: Correct the word form „genotypes“ to „genotype“ in the sentence „Genotype GBK 040449 was found...“ Conclusion, One major comment: In Conclusion, lines 248, 252, „Annex 1“ is referred to; however, no Annex 1 is shown in the manuscript. It has to be added there. Final recommendation: Accept after a formal revision.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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