



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_35248
Title of the Manuscript:	Potentials of Arbuscular Mycorrhiza Fungi (AMF) and neem (Azadirachta indica A. Juss.) leaves extract as biological control agents against the sweet potato weevil (Cylas puncticollis Boh.) in two agro-ecological zones of Cameroon
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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(<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	- Line 8: The brackets as used in line 28 could be more suitable in the botanical name - Line 13: Specify the agro-ecological zones I and II - Line 22-23: Recast this phrase in the conclusion "...it is suggested to recommend...." - Line 36: Write the name "<i>C. puncticollis</i>" in full since it's opening a sentence - Line 436: Pictures are labeled as Plates and not Figures, kindly correct	<i>Ipomea batatas</i> (L.) Lam. - Agro-ecological I and II are two of the 5 agro-farming systems zones that are found in Cameroon. These two are located in the Northern Cameroon, and are different in cropping seasons, temperature, GPS coordinates, precipitation. These are specified in material and method. "Based on the results, it is suggested to recommend mycorrhiza and neem leaves extract as a local sustainable solution to reduce <i>C. puncticollis</i> damages in northern Cameroon." has been recasted in the conclusion (line 277-279). <i>Cylas puncticollis</i> Plate 1.
Minor REVISION comments	- Line 38: recast and merge references 7 and 8 i.e ...estimated between 60 to 100% [7, 8] - Line 123, 128, 129, 130 and some others: Kindly allow a space to separate the figures from their units - Line 163 - 164: The phrase "...and was attributed to chemical fertilizer application...." Is a justification for the result obtained, this should be a component of discussion and not result section. - Line 195 – 197: Recast the first sentence to	...between 60 to 100% [7, 8],... - In all the text, values have been separated from their units by a space. "...and was attributed to chemical fertilizer application...." Has been replaced by "...as the response of chemical fertilizer application...." - Line 195-197 has been recasted in the



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	transform the 'result' stated into discussion. 9. Line 207: The use of the word; "...were shown to stimulate....." may not be right in the context used since the observation is not from this study but past reported works. Kindly recast to read '...were reported"	discussion as follow: "The galleries dug in the tubers by the weevils resulted in the reduction in tubers weight, thus negatively impacted the tuber yield". 9. Line 207 "...were shown to stimulate....." has been replaced by "...were reported"
Optional/General comments	10. Line 97: Kindly state it, if there is a common name to identify the particular local variety used; especially when it proved to be more resistant to pest infestation. 11. Line 265-266: The author needs to be affirmative in the summary of finding 12. Line 269–271: Kindly cross check the sentence for adequacy of grammar. 13. Line 437-438: Check the 3rd title: Mixture of Neem leaves digests in 20L tape water (Tap not tape). 4th title : Mixture of leaves digest covered tonight; (overnight) 14. Line 448: This should be the Figure 1 15. Line 447: The figure is not reader friendly in its current condition. Kindly improve on it 16. Also, discuss the possible reason for the decline in yield obtained from Ndre in 2014, compared to the improved yield of 2013. 17. Line 498: The table did not align. Kindly improve on it.	10. There is no name to identify the local variety. This is the variety that is commonly used by farers in the locality were sweet potato is grown. We called it local variety to differentiated from the introduced and improved TIB1 variety. 11. Line 265-266. I have changed the sentence into affirmative form "...it is confirmed that..." 12. Linea 269-271 have been modified in an understandable way "The combination of mycorrhiza with Neem extract was more effective in reducing the severity and rate of attacks on tubers due to <i>C. puncticollis</i>". The former sentence was not accurate 13. "Tap water" and "overnight" have been replaced. 14. Figure 1 has been replaced by Plate 1. 15. Figure 2 became Figure 1. Figure 2 has replaced Figure 3. These figures have been improved. 16. Decline in yield observed in Ngaoundere during the 2014 cropping season may be attributed to differences in site locations of the experimental fields, or climate. 17. Table 3 has been reformatted and improved