



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_67170
Title of the Manuscript:	Effects of Fertilization Based on Chicken Manures and Mycorrhiza on Vegetative Parameters and Phenological Stages of Sorghum bicolor in Yagoua, Far-North Cameroon
Type of the 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/journal/10/editorial-policy>)



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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	<p>The information presented is not adequate to justify the research, therefore, it should be improved.</p> <p>A paragraph to indicate the importance of sorghum in Yagoua, Far-North Cameroon.</p> <p>A paragraph to mention the importance of the fertilization for sorghum. To mention which is the main form of fertilization used in conventional production systems, to justify the use of mycorrhiza and chicken manure.</p> <p>A paragraph to indicate the positive effect of mycorrhiza on agricultural crops and specifically on sorghum. Also to describe the positive effect of manure on agricultural crops and of chicken manure on sorghum.</p> <p>A final paragraph to indicate the benefits of the combined application of mycorrhiza and solid organic fertilizers, if possible, when applied in combination with chicken manure on sorghum or other crops. End the paragraph with the objective of the research.</p> <p>Materials and methods</p> <p>To present the reference where the agroecological description of the study area can be corroborated.</p> <p>The information in the second paragraph is irrelevant. Delete</p> <p>Figure 1 is not necessary. Delete.</p> <p>Table 1, the unit of measurement of Ca²⁺, Mg²⁺, K⁺, Na⁺, Exchangeable bases, and Total Phosphorous should be presented.</p> <p>The information in the paragraph "Organic manures (chicken manures) applied ..., within organic manure is also high", due to the way it is written, does not correspond to the materials and methods section. This information can be used in the discussion.</p> <p>The experimental unit corresponded to an area of 181.65m². Multiplied by 4 treatments, it resulted in a total of 12 experimental units. Correct in the text.</p> <p>Do the doses of the treatments refer to the amount used on each plant? Clarify these doubts in the text.</p> <p>Make the presentation of information in the methodology simple. For example, use the following subtitles</p> <p>Area of study: Sorghum S-35 were sown in.... Mention the place (with geographical coordinates), edaphoclimatic characteristics of the place and period in which the research lasted (beginning and end).</p> <p>Treatments: Four treatments were used. Describe in detail the treatments. How and when the treatments were applied. Describe characteristics of mycorrhiza and chicken manure.</p> <p>Experimental design</p> <p>For meters measured. One paragraph per variable. Describe how and when measured.</p> <p>Data analysis</p> <p>Results</p> <p>Figures 2 and 3 should be enhanced to better visualize the results. It should also present letters to identify statistical differences between the treatments evaluated.</p> <p>Discussion</p> <p>The discussion of the results should be improved. It is necessary to explain why the results obtained, mention how mycorrhiza or chicken manure affect or benefit plant nutrition or physiology. It is also necessary to discuss the importance of the results obtained, i.e., how or where the information generated in the research can be used. For example, larger plants result in higher forage production per hectare. It is expected that larger plants will result in higher grain production. This information is relevant to the livestock sector, where sorghum</p>	



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	is used for livestock feed.	
Minor REVISION comments		
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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