



SDI Review Form 1.6

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_50989
Title of the Manuscript:	Effects of Inorganic Fertilizer Application on Plant Growth of Vitellaria paradoxa
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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



[SDI Review Form 1.6](#)

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>Abstract</p> <p>Lines 17-24: Avoid presenting descriptive results on the efficacy of inorganic fertilizer on the growth performance of <i>Vitellaria paradoxa</i>.</p> <p>When expressed "that application of inorganic fertilizer at any rate produces higher growth in plant height and Collar diameter than the control pot" is necessary to give first the value of the probability (p) and second the outstanding data on growth in height and collar diameter.</p> <p>Materials and Methods</p> <p>Experimental site</p> <p>The experimental site lacks information on the characteristics of soils, also lacks information on the plant composition of the study site and adjacent areas. Present the altitude of the study site.</p> <p>Lines 60-61. There exists an error in expressing the value of the relative humidity where it says "average relative humidity of about 37.2°C".</p> <p>Statistical analysis</p> <p>As the experiment has 16 treatments including the control, it is important to compare the results with the results of growth control. Based on the above it is recommended in addition to the "Duncan Multiple Range Test (DMRT)" application, also apply, Dunnett Range Test.</p> <p>Results and Discussions</p> <p>The results on "Physical and chemical properties of the pre cropping soil" were neither discussed nor interpreted.</p> <p>Line 105: Add the values of standard error (SE) to the results on "Influence of fertilizer on plant types height, stem diameter, number of leaves and leaf area".</p> <p>Line 106: change "area of (<i>V. paradoxa</i>)" to "area of <i>V. paradoxa</i>"</p> <p>Lines 110-111: There is a serious misunderstanding where it says ""Results as presented in Table 2 revealed that, there was no significant response among all fertilizers used in respect to the plant height". Instead there are the significative differences ($p \leq 0.05$) under the application of fertilizers Among respect to the plant height (see different alphabets a, ab, abc, c, etc.).</p> <p>Line 118: the reference "Paul and DrisColl (1997)" was not reported in the literature.</p> <p>The results on the stem girth were not compared with similar results from other authors.</p> <p>The results on the number of leaves and leaf area were not adequately discussed and compared with the results of similar works of other authors.</p> <p>In summary, by applying 16 treatments and analyze growth variables by applying DMRT, all the results were not interpreted under a grouping effect of fertilizers (groups with the similar effects for each variable growth).</p>	



SDI Review Form 1.6

<p>Minor REVISION comments</p>	<p>Line 6: change “Abstracts” to “Abstract”.</p> <p>Line 10: delete the words “(V. paradoxa)”.</p> <p>Line 27: change “The semi-domesticated shea butter tree Vitellaria paradoxa (V. paradoxa) Family Sapotaceae is” to “The semi-domesticated shea butter tree V. paradoxa (Sapotaceae) is”.....</p> <p>Line 37: The following reference was not reported in the literature: Cidell and Alberts, 2006.</p> <p>Lines 52-53: change “various types of inorganic fertilizer on the early growth of performance of Vitellaria paradoxa (V. paradoxa)” to “various types of inorganic fertilizer on the early growth of performance of V. paradoxa.”</p> <p>Line 69: change “Seedlings of (V. paradoxa) were collected from....” To “Seedlings of V. paradoxa were collected from....”</p> <p>Line 81: remove V. paradoxa.</p> <p>Lines 82-85: specify the technical (tools) applied to determine Plant height, Number of leaves, collar diameter, Leaf Area.</p> <p>Line 87: Change “(Macro and Micro nutrients)” to “(macro and micro nutrients)”</p> <p>References</p> <p>There are numerous errors in recording bibliographic records. It is important to check the references to the literature, since there are references in the text that were not reported in the literature (see attachment).</p>	
<p>Optional/General comments</p>		

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

Reviewer Details:

Name:	Rahim Foroughbakhch
Department, University & Country	Universidad Autónoma de Nuevo León, Mexico