



SDI Review Form 1.6

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| Journal Name: | Current Journal of Applied Science and Technology |
| Manuscript Number: | Ms_CJAST_50981 |
| Title of the Manuscript: | Effects of Arbuscular Mycorrhiza Fungi (glomus mossae) and Compost on early growth performance of Parkia biglobosa |
| Type of the Article | Original research papers |

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>)

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) |
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| Compulsory REVISION comments | The study was conducted to evaluate the effect of Arbuscular Mycorrhiza - Glomus mossae and compost on soil properties and growth response of Parkia biglobosa. The experiment was conducted in 2 x 5 Completely Randomized Design (CRD) with four replicates comprising of five treatments of compost - 10t/ha, 20t/ha, 30t/ha, 40t/ha and two treatments of Glomus mossae. Plant height, number of leaves, collar diameter and dry matter yields were recorded and was analysed for ANOVA. The result shows that mycorrhizal inoculation significantly increased the growth parameters over control. Application of 40 t ha ⁻¹ of compost with inoculation significantly increased ($p < 0.05$) the root dry matter yields. | yes |
| Minor REVISION comments | Though author has carried out statistical analysis –ANOVA but Tandard Error and Critical difference should be mentioned for each parameter studied. | Standard error of difference now included |
| 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) |
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| Are there ethical issues in this manuscript? | <u>(If yes, Kindly please write down the ethical issues here in details)</u> | |