



SDI Review Form 1.6

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| Journal Name: | International Journal of Plant & Soil Science |
| Manuscript Number: | Ms_IJPSS_27131 |
| Title of the Manuscript: | Mechanical strengths, Hydraulic Sonductance and Growth of Passiflora edulis f. edulis grafted on five different rootstocks at three different cleft lengths in Nakuru Kenya. |
| 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>)



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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) |
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| Compulsory REVISION comments | <p>Line 39-46. Try to rewrite this part emphasizing the number of seedlings, lengths of cut and the four analysis carried out before to describe the number of grafted plants in the experiment. The understanding will be better.</p> <p>Line 47-58. Is there some methods to quote in that analysis? Some time you compare your results regard to control another to the combinations. Try to standardize it.</p> <p>Lines 109-111. Review if the names of species written are correct. Because regardless of the union length, <i>P. mollissima</i> (instead of <i>P. ligularis</i>) and <i>P. flavicarpa</i> self grafts had significantly greater graft union strength compared to <i>P. ligularis</i> and all the other graft combinations, except to union length 1 cm, where <i>P. ligularis</i> and <i>P. favicarpa</i> were greater.</p> <p>Lines 122-124. If you compare the union length 1 and 1,5 cm only the self graft <i>P. ligularis</i> had greater hydraulic conductivity regard to all combinations, including the <i>P. flavicarpa</i> by <i>P. edulis</i>. In union length 1,5 cm the combination <i>P. flavicarpa</i> by <i>P. edulis</i> had lower value than self graft <i>P. flavicarpa</i> and <i>P. ligularis</i>.</p> <p>Line 131. Is it table 3 or 2?</p> | |



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| | <p>Lines 157, 162. In the table 1, the name of specie <i>P. mollissima</i> appears wrote of many ways. Rewrite all of them of the right way.</p> <p>Line 163. Correct the value of the vertical rupture force, by statistic in 1cm <i>P. flavicarpa</i> is the greatest.</p> <p>Line 190. Correct to <i>P. flavicarpa</i> has higher scion length in 1,0 and 1,5 cm regard to other combinations.</p> <p>Line 191. Correct to <i>P. ligularis</i> has higher scion length in 1,5 and 2,0 cm regard to other combinations.</p> <p>Line 230 and 231. Correct the abbreviation of hours to "h" instead of "hr". Repeat the correction to the others place in the text.</p> | |
| <u>Minor</u> REVISION comments | <p>Most of your citations are referents to more than 10 years ago. You need to quote earlier papers.</p> | |
| <u>Optional/General</u> comments | <p>In the material and methods nothing was described about the substrate or soil used to grow the plants. You need to describe about it. Other question is if there was fertilizing and what the quantity. The moisture of the soil of the experiment an what the maintenance.</p> | |

Reviewer Details:

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