



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_42320
Title of the Manuscript:	Suitability of CMS-based interspecific eggplant hybrids as rootstocks for eggplant grafting
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>)

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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	Page 2 Lines 50-51: ... pathogen <i>Fusarium oxysporum</i> f. sp. <i>melongenae</i> [30; ... Page 3 Lines 102-104 in Table 2: The last column “Scion/rootstock combination” can be deleted to avoid repetition since the first and second column already explain the grafting combinations. Page 4 Lines 122-137: It should be more appropriate to move these discussion lines to later in the manuscript after the corresponding results. It is recommended to start the Section with Line 137: In the present study, ... Page 5 Line 166: It is recommended to start the Section with Line 167: In the present study, ... Page 5 Lines 181-184: Any statistics in columns four (5 DAG) and five (10 DAG)? Differences between means (alphabetical letters)? Page 7 Lines 233-236 in Table 4: If the means are not statistically different in each scion group, please delete the letter “a” next to the means. Page 8 Line 259: It is recommended to start the Section with Line 261: Fruit peduncle length ... Page 11 Lines 389-391 in Table 5: If the means are not statistically different in each scion group, please delete the letter “a” next to the means. Page 12 Lines 395-398 in Table 6: What does “<<” stands for? If it means “”, please repeat the word, e.g., UDP, etc. Pages 13-14 Line 429-430: ... <i>Solanum torvum</i> ... Page 14 Line 436: ... of <i>Solanum melongena</i> L. .. Page 14 Line 455: ... (<i>Capsicum annuum</i>) ... Page 14 Line 460 : ... cross: <i>Solanum aethiopicum</i> L × <i>Solanum melongena</i> L. ... Page 14 Line 477: ... eggplant, <i>Solanum melongena</i>, with ... Page 14 Line 480: and fertility restoration of CMS eggplant lines carrying the cytoplasm of <i>Solanum violaceum</i>. J Page 14 Line 483: .. 2015. PhD Dissertation. ... Page 14 Line 485: ... between <i>Solanum melongena</i> and <i>S. aethiopicum</i> group ... Page 15 Line 486: ... to <i>Fusarium oxysporum</i> f. sp. <i>melongenae</i>. ... Page 15 Line 490: ... between <i>Solanum melongena</i> and <i>Solanum aethiopicum</i> group ... Page 15 Line 493: ... of <i>Pseudomonas solanacearum</i>. ... Page 15 Line 497: ... with <i>Solanum integrifolium</i>. ... Page 15 Line 500: ... with <i>Solanum gilo</i>. ... Page 15 Line 504: some grafted eggplant genotypes on wild <i>Solanum</i> root stocks against root-knot nematode. Page 15 Lines 514-515: ... between <i>Brassica napus</i> and <i>B. rapa</i>. ... Page 16 Lines 551-552: ... Grafting influences phenolic profile and carpometric traits of fruits of greenhouse-grown eggplant (<i>Solanum melongena</i> L.). ... Page 16 Line 557: ... tomato (<i>Lycopersicon esculentum</i> Mill.) ... Page 16 Lines 559-560: ... Coordinated regulation of biosynthetic and regulatory genes coincides with anthocyanin accumulation in developing eggplant fruit. ... Page 16 Lines 562-563: ... eggplant (<i>Solanum melongena</i> L.)	Corrected The column was deleted. The corresponding sentence in Plant Material Section was changed accordingly to that. Corrected Corrected There are no statistics because one set of 9 plants were grafted per treatment (scion/rootstock combination) and the outcome of each separate grafting was “successful” or “unsuccessful”. Therefore, at least two or more sets of 9 graftings per treatment would be required for statistic analysis. Usually in grafting experiments no other statistics are calculated for plant survival rate beside the mean value. Please see [4], [11]] and [12] from the reference list for similar studies. Corrected Corrected Corrected It was intended to mean “. Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected Please note that as a result of revision according to the reviewers' comments: 1) Sentences belonging to Lines 122-132 (Results & Discussion section) were relocated to more appropriate paragraphs.



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		2) The order of references 36,37,38 and 39 has changed.
Minor REVISION comments		
Optional/General comments		