



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_48342
Title of the Manuscript:	Yield and Characteristics of Melon Fruits Under Fertilization Management and Soil Cover
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	<p>1-Change title to “Melon characteristics and crop yield with managed agricultural practices”</p> <p>2- Rewrite abstract with coherent and continuous content. All parts should be one big paragraph with no titles except abstract</p> <p>3- No need for conclusion in abstract</p> <p>4- Remove phrase « the canary melon .. Brazilian exports” in the introduction second paragraph</p> <p>5- In the introduction The authors should indicate the problems resulted from current agriculture practices before suggesting alternative ones. This should be done in the literature review such as finding literature about losses in agriculture profit and underground water and soil pollution due to excessive use of fertilizers and low quality of the product.</p> <p>6- In material and method Use a map to define the location</p> <p>7- Although it is known to me and the authors, but pH, M, P, K...etc. should be defined.</p> <p>8-In material and method What is meant block design 2X3X2 and what is the unit? What is meant by three replication? Does a plot represents 3 replications? The same applies to the described raised garden it is better to use graph</p> <p>9- Although irrigation volume of water is indicated in the line «the irrigation ...for 2 hours daily», but no variation in quantity is carried out why?</p> <p>10- When applying fertilizers based on soil chemical content is there a mathematical equation that relates both?</p> <p>11-It seems that authors considered several issues in determining the efficiency of the fertilizer use and quantity in the Melon crop yield. However, I do not see in consideration for water irrigation management with fertilizer quantity why?</p> <p>12-Figure 2 no need to put the yield above the graphs. Use Tons instead of Kgs</p> <p>13-Do not continue next paragraph with figure captions. Separate them</p> <p>14-I suggest that literature in discussion be moved to the introduction as part of the literature review with cons and pros. Then refer to them in the discussion and comparison process.</p> <p>15- The conclusion should not be a repetition of the previous discussed result and should include completed and planned objectives.</p> <p>16- There are many other references than the one listed in the current reference list such as: María Teresa Castellanos; María Jesús Cabello; María del Carmen Cartagena; Ana María Tarquis; Augusto Arce; Francisco Ribas, Growth dynamics and yield of melon as influenced by nitrogen fertilizer, Sci. agric. (Piracicaba, Braz.) vol.68 no.2 Piracicaba Mar./Apr. 2011</p> <p>17- Reduce number of self-references.</p>	<p>1. The term "managed agricultural practices" was considered very broad which may lead the reader to misinterpret our work. Specifying the fertilization and soil cover management seems more convenient, thus we opted to maintain the original title.</p> <p>2. The division of the abstract into topics is a JEAI recommendation: "Different sub-sections, should be used", so we kept the abstract subdivided. For more information access: http://www.sciencedomain.org/journal/51/authors-instruction</p> <p>3. The conclusion in abstract is also a JEAI recommendation. Please see previous answer.</p> <p>4. Correction accepted and performed.</p> <p>5. New information was included in the introduction section to better contextualize the problem.</p> <p>6. We chose not to add the map in Materials and Methods as the image would increase the size of our manuscript and we believe that it is of low relevance for the understanding of the work. Besides, we present the geographical coordinates (7°14'3.4"S 39°22'7.6"W) at line 56, which allows verifying the location.</p> <p>7. Correction accepted and performed.</p> <p>8. Each number corresponds to the number of levels for each evaluated factor, thus: two varieties of melon, three fertilization managements and two soil covers. It means that each treatment was replicated three times, the replication corresponds to the reproduction of a basic comparison, and its purpose is to provide an estimate of the experimental error. For more information, consult: Banzatto DA, Kronka SN. Experimentação agrícola. 1st ed. Jaboticabal: FUNEP; 1989. The values shown in the graphs correspond to the means of the repetition responses.</p> <p>9. The information was wrong, the time of two hours is an average value, however, there was variation of the duration of irrigation between days. More detailed information on irrigation management was added to the manuscript. The determination of water quantities for irrigation was based on evapotranspiration records observed daily and corrected according to the crop coefficient of the melon (Kc) defined by Braga Sobrinho et al. [17]. For more information, please consult: Braga Sobrinho R, Assis JS, Guimarães JA, Freitas JAD, Bastos MSR. Produção integrada de melão. Fortaleza: Embrapa Agroindústria Tropical; 2008.</p> <p>10. The amount of fertilizers applied was calculated in a specific way considering the availability of nutrients in the soil and the nutritional demand of the melon according to Braga Sobrinho et al. [17].</p> <p>11. Irrigation was performed equally between treatments (fertilization managements) in order not to interfere in a different way in the responses of the factors studied.</p> <p>12. Correction accepted and performed.</p> <p>13. The captions are inserted below the corresponding figures, according to the JEAI recommendations.</p> <p>14. Correction accepted and performed.</p> <p>15. We made changes in the Conclusions section, so that it is compatible with the proposed objectives.</p>



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		16. New references were added to the manuscript. 17. Correction accepted and performed.
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	No, there are not ethical issues in the manuscript.

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

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