



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_19823
Title of the Manuscript:	INFLUENCE OF HUMAN URINE-COMPOST MIXTURE ON SOME SOIL FERTILITY PROPERTIES, YIELD AND SHELF-LIFE OF TOMATO (<i>Solanum lycopersicon</i>)
Type of the 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)
<u>Compulsory</u> REVISION comments	The environmental problems with waste material needs to be correctly explained. The paper should focus more on the plant, not on soil before and after treatment. However, to measure quality parameters as well as yield is highly interesting and the authors should be commended for that. There is no need to show a field map (it is enough to say that it is completely randomized block design with 4 reps), but results should be shown as figures rather than tables (easier to understand). If available, chemical composition of the waste materials used should be shown. It must be made clearer how the amount to be added was determined, and why this method was chosen. The English must be improved.	All the suggestions made were carefully considered and effected. However, this focus of this research was to answer some questions raised in the objective which has to do directly with soil. Further studies will be carried out on the soil to evaluate changes over time and to answer some questions. The amount of compost and urine treatments were based on the required 90 kg K ha⁻¹.
<u>Minor</u> REVISION comments		The manuscripts has also been revised to address grammatical issues.
<u>Optional/General</u> comments	This manuscript describes an interesting experiment on the use of waste material as fertilizer for tomato. I found the manuscript interesting, however, I must decline publication in its present form. Mostly what is needed is improved English, better use of figures and better description of the motivation for the study (if the authors wish to contact me I would be happy to help improve the manuscript in cooperation with them). The only real problem I have with way the study was carried out was is that if I understand it correctly, the control treatment with NPK mineral fertilizer had equal amounts of each, and the amount used was based on K requirement. That would mean serious N deficiency, and would explain why this treatment had the lowest yield. If this is a long running experiment, it would also be more interesting to look at soil changes over the whole experimental period, and again, I would be happy to work with the authors on such a study.	