



SDI Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_30739
Title of the Manuscript:	SUSTAINABLE MANAGEMENT OF ROOT KNOT NEMATODE MELOIDOGYNE INCOGNITA THROUGH ORGANIC AMENDMENT ON SOLANUM LYCOPERSICUM L.
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)
<u>Compulsory</u> REVISION comments	This manuscript reports some interesting data of using organic amendment for <i>M. incognita</i> management, but the experiment needs to repeat and the English writing needs improvement. The information is useful and I would recommend publishing with major revisions. The following are comments and suggestions for revision. Abstract: please add one more subtitle "Experimental design" for the glasshouse experiment including treatments, replications, repeats, and randomization. L13: change "Glasshouse" to "glasshouse", add "the" before "Department" Methodology: Please list all the treatment names and treatment numbers and describe how you treated the pots with your treatments and type of soil you used. Please also specify how you collect the data. Line 16- 17: Change "applied @50g" to "50g of fresh chopped leaved of ... were applied "; change "@10g per pot" to "10g of seed powder of Black nightshade" Results: Please indicate whether the results were significant or not. Line 19: change "suppress" to "suppressed" Line 20: please use <i>M. incognita</i> instead of root knot nematode for the whole manuscript to keep consistent. Line 26: change "+" to "plus" Conclusion: Line 31: change "is" to "are", change "alternative" to	



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	“alternatives” Line 32: change “nematode” to “<i>M. incognita</i>”, change “enhancing the yield” to “yield enhancement” Line 34: delete “for this” Line 35: delete one “Key words”, and add “tomato” as one of the Key words Introduction: please add more studies about organic amendment for nematode management or <i>M. incognita</i> management in this section. Line 41: change “million tons” and “lakh ha” to international unit “kg” Line 45: change “Root knot nematode” to “<i>Meloidogyne incognita</i>” Line 49: change “root knot nematode” to “<i>M. incognita</i>” Line 50-51: change “has been done by using” to “includes” Line 53: delete “based on”, “but” Line 53-55: add reference for this sentence Line 56: delete “sometimes” Line 59: change “integrative” to “integrated” Line 63: add crop name before “yield” Line 65: change “root knot nematode” to “<i>M. incognita</i>” Line 68: delete “root knot nematode” Site for the experiment: please add a sentence to describe the soil type you used and whether the soil contains “<i>M. incognita</i>” or not. Change all the “root knot nematode” to “<i>M. incognita</i>” in the rest of the manuscript. Test plant and pathogen: Please describe how did you process or obtain fresh chopped leaves. Source of <i>Meloidyne incognita</i> juveniles: Please describe where and how did you get your initial <i>M. incognita</i> inoculum. Root knot nematode includes all	
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	the <i>Meloidyne</i> spp. not just <i>M. incognita</i>. Please be specific when you mention root-knot nematode. Line 101: delete “to” and “proper” Raising and maintenance of seedlings: How many replications did you have for each treatment? And how many times did you repeat the whole glasshouse experiment? Line107: delete “raising and” Line 111: delete “at the formation of ” and add “of” before “tomato cv. K-21” Line 114: change “@50g” to “50g of fresh chopped leaves of different plants ...” Observation: Line 126: change “so that all” to “to wash off”, change “dust” to “soil” Line 127: delete “is removed” Line 130: change “estimated” to “measured” Line 134: change “expressed” to “evaluated” Line 138: add unit to 250 Statistical analysis: Line 143: change “p” to “P” Results: Line 151-152: this sentence needs rewording. From the table, we can see that all treatment significantly improved plant growth as compared to UIC but you can't say all the treatment improve plant growth. Line 155: Rewrite this sentence. In the table, the highest length (or plant height) is treatment UUC not Mexican poppy 1. Line 160: Please rewrite this sentence. The highest fresh weight is UUC not Mexican poppy 1. Line 162: change “against” to “compared” Line 169: was significantly increased by which or what treatment? Table 1a and 1b: please use three line table for	
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	scientific paper and check the format of the journal for tables. Discussion: Line 211: change “indicate” to “indicated” Line 212: change “cause the improvement” to “promoted” Line 236: at the end this paragraph, please relate these research findings from other people to your own research findings or results. Line 241: how do you know it is “quite efficient alternative of chemical nematicides” since you did use any chemical nematicides as controls. Line 217: How dose those research relate to your research findings? Conclusion: Line 273: delete “It can be concluded from the above results that”, change “the” to “The” References: Please check the requirement of this journal and the format of reference for this journal. All the references need reformatting.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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

Kindly see the following link: <http://sciencedomain.org/archives/20>

Reviewer Details:

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