



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_34053
Title of the Manuscript:	Response of Soil Macro and Micro-Aggregates and Dispersion Ratio to Solid Cattle Manure in Cultivated and Non- cultivated Soils
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)
Compulsory REVISION comments		
Minor REVISION comments	<p>A positive correlation was found between the number of tubers and dispersion ratio, as well as between potato yield and macro and micro-aggregates which indicated that the organic matter addition increased the potatoes yield and decreased the dispersion ratio. - Revise the sentence</p> <p>The majority of the macro-aggregates should have diameters in the range of 1 to 10 mm (Six <i>et al.</i>, 2004). - Does not fit with previous sentences of this paragraph</p> <p>Soil aggregation processes, and factors affecting</p>	<ul style="list-style-type: none"> ➤ The strong positive correlation was between the number of tubers and dispersion ratio, as well as between potato yield and soil aggregation, which indicated that the organic matter addition increased the potato yield and decreased the dispersion ratio. ➤ Delete sentence (The majority of the macro-aggregates should have diameters in the range of 1 to 10 mm (Six <i>et al.</i>, 2004). ➤ Delete sentence



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	<p>them, have been well documented. - what the documentation talk about?</p> <p>It seems organic fertilizer and Solid Cattle Manure are used for the same, please denote it.</p>	<p>➤ Organic matter affects crop growth and yield directly by supplying nutrients and indirectly by modifying soil physical properties such as stability of aggregates and porosity that can improve the root environment and stimulate plant growth (Darwish et al., 1995). Incorporation of organic matter either in the form of crop residues or farmyard manures has been shown to improve soil structure and water retention capacity (Bhagat and Verma, 1991); increase infiltration rate (Acharya et al., 1988) and decrease bulk density (Khaleel et al., 1981). Aoyama et al. (1999a) concluded that manure application contributed to accumulation of macro-aggregate protected carbon and nitrogen.</p>
<u>Optional/General</u> comments		