



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_51266
Title of the Manuscript:	INFLUENCE OF ORGANIC AND INORGANIC SOIL AMENDMENTS ON SOIL MOISTURE CONTENT AND MICRONUTRIENTS
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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	Give more and recent reference of" Micronutrients play a vital role in gene expression, biosynthesis of protein, nucleic acids, growth substances, metabolism of carbohydrates and lipids through their involvement in various plant enzymic systems and other physiologically active molecules"	Zn being participatory in the structure of Rubisco, activates several biochemical reactions in the photosynthetic metabolism [5]. In the thylakoid lamellae, Zn inhibits the production of high toxic hydroxyl radicals in Haber–Weiss reactions due to its high affinity with cysteine and histidine [5, 6]. Cu acts as a cofactor of enzymes and plays significant role in respiration, photosynthesis, lignifications, phenol metabolism, protein synthesis, regulation of auxins [7, 8]. Apart from this, some copper proteins that are localized in cytoplasm, stroma of chloroplast, peroxisomes and other plant organelles act as the most effective scavenger of reactive oxygen species [9, 10]. Iron (Fe) is an unavoidable and one of the most prominent constituent of a number of proteins and enzymes that plays important roles in key metabolic processes, including cellular respiration, oxygen trans-port, lipid metabolism, the tricarboxylic acid (TCA) cycle, gene regulation, synthesis of metabolic intermediates, and DNA biosynthesis as well as making it essential for photosynthesis and chlorophyll biosynthesis [11,12]. The role of manganese (Mn) in photosynthesis is indispensable as it participate in photolysis of water at photosystem II that provides electrons needed for the onset of electron transport system [13, 14].
<b>Optional/General</b> comments		

**PART 2:**

	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)
<b>Are there ethical issues in this manuscript?</b>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	