

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_88853
Title of the Manuscript:	Evaluation of the potential of smart fertilizers on growth, growth characteristics and nutrient availability of wheat (Triticum aestivum 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:

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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. The English need improvement since there are some grammatical and syntax errors in the manuscript. For example, the words "meet out" may be as "meet"; "at national" as "at the national"; "and number" as "and the number"; "the crop" as "crop"; "the productivity" as "productivity"; "grow crop" as "grow a crop"; "future generation" as "the future generations"; "the higher" as "a higher"; "for human" as "for the human"; "at crop" as "at the crop"; "Indo-Gangetic" as "the Indo-Gangetic"; "with spacing" as "with a spacing"; "with seed" as "with a seed"; "on growth" as "on the growth"; "in sampling" as "in the sampling"; "Height" as "The height"; "Number" as "A number"; "in oven" as "in the oven"; "hectare" as "a hectare"; "by alkaline" as "by the alkaline"; "extract were" as "extract was"; "of soil" as "of the soil"; "treatment" as "the treatment"; "at 5 %" as "at a 5%"; "significance of difference" as "the significance of the difference"; "treatments was" as "treatments were"; "at harvest" as "at the harvest"; "with rest" as "with the rest"; "better" as "a better"; "Similar" as "A similar"; "At later" as "At a later"; "application" as "the application"; "number of" as "a number of"; "had highest" as "had the highest"; "nutrient" as "a nutrient"; "over 75 %" as "over of 75 %"; "greater" as "a greater"; "higher" as "a higher"; "Perusal" as "A perusal"; "highest" as "the highest"; "in control" as "in the control"; "Further for" as "Further"; "plot having application" as "the plot having an application"; "Lowest" as "The lowest"; "microbes increase" as "microbes to increase"; "in increase in adding of nitrogen fixing" as "in an increase in addition of nitrogen-fixing"; "increase in P" as "an increase in the P"; "nutrient in soil after harvest of crop" as "nutrients in the soil after harvest of the crop"; "future generation" as "the future generations". The grammar mistakes which are not mentioned here are also to be checked and corrected properly.</p> <p>2. There are some typing mistakes as well, and authors are advised to carefully proof-read the text. For example, the word "one third" may be as "one-third"; "second most" as "second-most"; "fertilizer to" as "fertilizers to"; "Now days" as "Nowadays"; "yield by" as "yields by"; "nano scale" as "nano-scale"; "biological based" as "biological-based"; "nano structure" as "nanostructures"; "well drained" as "well-drained"; "nano material" as "nanomaterial"; "sun dried" as "sun-dried"; "oven dried" as "oven-dried"; "either of" as "either"; "Further At" as "Further, at"; "Similarly at" as "Similarly, at"; "growth stimulating" as "growth-stimulating"; "over all" as "overall"; "nutrients applications" as "nutrient applications"; "going to" as "to go to"; "exchanges" as "exchange"; "available nutrient" as "available nutrients"; "need of" as "need for"; "of nutrient" as "of nutrients"; "REFERENCES" as "REFERENCES". The typos not mentioned here are also to be checked and corrected properly.</p> <p>3. The table and figure legends should be improved and a proper footnote should be given. All legends should have enough description for a reader to understand the table and figure without having to refer back of the main text of the manuscript. For example, the necessary expansion may be given for abbreviations used.</p>	
Minor REVISION comments	<p>1. Check the abbreviations throughout the manuscript and introduce the abbreviation when the full word appears the first time in the text and then use only the abbreviation (For example, NPK, DAP, MOP, etc.). And it should be in both abstract as well as in the remaining part of the manuscript. Make a word abbreviated in the article that is repeated at least three times in the text, not all words need to be abbreviated.</p> <p>2. The references are not arranged properly in a uniform format and they should be carefully checked and corrected as per the journal instructions. For example, the page numbers are not cited properly (Walkely and Black, 1934) and it should be corrected properly. It should be thoroughly checked all over the manuscript.</p>	
Optional/General comments	<p>The authors have put effort to evaluate the "Evaluation of the potential of smart fertilizers on growth, growth characteristics and nutrient availability of wheat (<i>Triticum aestivum</i> L.)". The authors describe the research undertaken with this in an organized manner, emphasizing the results obtained by them. The article needs modification for better cohesion of information to achieve the goal and the minor shortcomings which need to be considered. Hence, the paper can be accepted after MINOR REVISIONS are carried out.</p>	

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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>	

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