

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_102544
Title of the Manuscript:	Effect of foliar feeding of nutrients, salicylic acid and sea weed extract on yield and yield attributes of wheat Varieties under Tarai region
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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p>	<ul style="list-style-type: none"> • The wheat crop covers around 17 percent of the world's agricultural land area and produces 35 percent of food grain output; therefore perilous to global food security both today and in the future. • It is known to be relatively a nutrient-dense food, having around 78 percent carbohydrate, 12 percent protein, 2 percent fat, and minerals, as well as a significant number of vitamins and minerals, opines the earlier reports. • Moreover, the crop requires a substantial amount of macronutrients, namely NPK for enhancing crop productivity and nutrient use efficiency. • Yes, the title of the manuscript is suitable and appropriate enough. • Yes, the abstract written is comprehensive. • Yes, they are appropriate enough addressing various significant aspects and illustrating the general sub-sections viz., Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion as well. • In addition, the statistical analysis has been well exemplified and depicted as Tables in an eloquent manner. • Nitrogen is a component of chlorophyll, which is the prime absorber of light energy required for photosynthesis, while Phosphorous is essential for energy transmission and protein metabolism. • Potassium is an indispensable nutrient for starch enzyme activation, protein metabolism, chlorophyll synthesis, grain development, stomata opening and sealing and resistance to disease and pest damage in various crops. • Salicylic acid plays a momentous role in dipping the impact of biotic and abiotic (environmental) stress on biochemical and physiological systems. • Seaweed extracts are recurrently utilized as plant bio-stimulants because of the presence of various growth regulators such as cytokinin, auxins, gibberellins, and betaines, as well as macro-nutrients like Ca, K, P, and micro-nutrients like Fe, Cu, Zn, B, Mn, Co, and Mo. • The outcome of the study revealed that the variety WH-1105 along with foliar spray of 2% NPK gave the maximum productivity (46.3 q/ha). • The references cited are adequate and recent enough. 	

