

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_127934
Title of the Manuscript:	Effect of foliar application of biostimulants and micronutrients on chlorophyll and xanthophylls content of African marigold cv. Pusa Narangi Gaiinda
Type of the Article	Original Research Article

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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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The study emphasizes chlorophyll and xanthophylls, which are crucial pigments affecting photosynthesis and flower quality. Flower pigments are insufficient for evaluating a biostimulant's efficacy is valid, as a comprehensive assessment should include a broader spectrum of plant growth, productivity and physiological parameters. Hence the author must include the relevant parameters.	
Is the title of the article suitable? (If not please suggest an alternative title)	OK	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	ok	
Is the manuscript scientifically, correct? Please write here.	Ok, but need to elaborate how the application of four biostimulants and micronutrient affect the other plant relevant characters, as such the article have a very narrow scope. Only 2 components couldn't specify the yield or quality of any crop.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	ok	
Is the language/English quality of the article suitable for scholarly communications?	ok	
<u>Optional/General</u> comments	<ol style="list-style-type: none"> 1. The proper data on different growth, yield and quality as well as shelf life must be included in the article. 2. Why were other plant physiological and biochemical parameters, such as enzyme activity or hormonal changes, not considered? 3. How does the observed increase in pigment content translate to practical benefits, such as yield or quality improvements? 4. What evidence supports the environmental and economic sustainability of using banana pseudostem sap at a larger scale? 	

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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