

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_89631
Title of the Manuscript:	Effect of plant growth regulators and pinching on growth and yield of marigold (Tagetes erecta L.) under prayagraj agro climatic conditions
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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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>"African marigold (Tagetes erecta L.) and French marigold (Tagetes patula L.) which have their origin in Mexico and South Africa, respectively" – did you mean South America? (see comment on the end of this item)</p> <p>"The maximum average number of flowers per plant were recorded with application GA3 @ 200 ppm + Pinching (41.12) followed by GA3 @ 100 ppm + Pinching (40.80)" – please, verify these numbers (both, on text and on Table 2)</p> <p>"GA3 @ 200 ppm + Pinching (402.13 g/plant) followed by GA3 @ 100 ppm + Pinching (397.07 g/plant)" - please, verify this number</p> <p>Abstract - "The results revealed that GA₃ treatments and pinching had significant response on plant height, number of branches per plant, number of leaves per plant, plant spread per plant, days from bud initiation to harvest, days required for flower appearance from transplanting, number of flowers per plant, flower diameter, fresh weight of flower, dry weight of flower, flower yield per plant, flower yield per plot, and flower yield per hectare." - these results must be presented and analysed also in Results item</p>	
Minor REVISION comments	Abstract – "Flower yield per plant (402.13 g/plant)" – add the information	
Optional/General comments	<p>"NAA is another important PGR" – please, define NAA</p> <p>"during winter the average rainfall in this area is around during winter season especially in the month of December and January the average rainfall in this area is around 1027 mm" – review sentence</p> <p>Observation:</p> <p>According to [1] "Tagetes erecta and Tagetes patula belong to Asteraceae (Compositae) family and it is native to North and South America, but some species now become naturalized around the world." Also, [2] informs that "Two widely cultivated marigolds from the Compositae family, the African (Tagetes erecta Linn.) and the French (Tagetes patula Linn.) are native to Mexico and South America (Kaplan, 1960)."</p> <p>1. Aktar, M., & Shamsi, S. (2014). Report on Alternaria blight of Tagetes erecta and Tagetes patula caused by Alternaria alternata (Fr.) Keissler. Journal of the Asiatic Society of Bangladesh, Science, 40(1), 133-140.</p> <p>2. Gupta, P., Gupta, A., Agarwal, K., Tomar, P., & Satija, S. (2012). Antioxidant and cytotoxic potential of a new thienyl derivative from Tagetes erecta roots. Pharmaceutical biology, 50(8), 1013-1018.</p>	

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)
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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