Review Form 1.7

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_98757**
Title of the Manuscript:	**Influence of GA_3 and $ZnSO_4$ on fruiting, yield and quality parameter of litchi (Litchi chinensis Sonn.) cv. Dehradun**
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.journaljeai.com/index.php/JEAI/editorial-policy)

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 **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	Yield and quality of litchi fruit have been positively influenced by both micronutrients and plant growth regulators. Application of PGRs results in increased flowering, fruiting and retention of fruit. **=** Both treatment of GA @ 60ppm and Zinc @ 0.7 % improved nutritional qualities of fruit such as increased total soluble solids, reduction in acidity, and improvement in ascorbic acid content of fruits. Further this treatment has also increased significantly the total sugar content of fruit as well as with the spray of GA @ 60 ppm and Zinc @ 0.7 %. **=From the results it is reported that the treatment of GA @ 60 ppm and Zinc@ 0.7 % improved fruit quality** =like fruit count prior to foliar spray at pea stage (40.53 and 40.96), fruit count at pit hardening stage (28.79 and 30.36), fruit count at maturity stage (25.36 and 26.21), fruit count at ripening stage (22.23 and 23.06), yield of marketable fruit (72.62 and 74.74 kg/plant) =and also increase nutritional qualities of fruit such as total soluble solids (21.47 and 22.60^{0}Brix), total sugar (14.31 and 14.34), juice content (61.86 and 61.91 %), sugar acid ratio (28.89 and 29.91 %), ascorbic acid (40.83 and 42.03 mg/100g), organoleptic test (84.15 and 85.09) content and reduction in number of cracked fruit at harvesting (2.45 and 2.11) with reduced titratable acidity (0.431 and 0.427 %) in the plains of northern India. The title of the article is suitable The abstract of the article is comprehensive Subsections and structure of the manuscript are appropriate The manuscript is scientifically correct The references are sufficient and recent Please write the Abstract with (;) to separate sentence If not, its too long with comma (,)	
Minor REVISION comments **1. Is language/English quality of the article suitable for scholarly communications?**	English quality of the article is suitable for scholarly communications	
Optional/General comments	=The experiment was carried out at Horticulture Garden, Department of Fruit Science, C. S. Azad University of Agriculture and Technology, Kanpur (U.P.) during g two connective years 2020 and 2021. =Factorial Completely Randomized Design was used with three replications and sixteen treatments *viz.,* four levels each of GA (0, 30, 60 and 90 ppm) and zinc (0, 0.3, 0.5 and 0.7%) and their combination spraying of these were done twice *i.e.,* before flowering (07 Feb.) and at pea stage (05 April) during both the years.	

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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