

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_124418
Title of the Manuscript:	Effect of biostimulant on growth and survival of mango (<i>Mangifera indica</i> L.) grafts Cv. Alphonso
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is very essential nowadays considering the economic importance of mango and the lesser cost incurred using biostimulant. This may help the nursery operators to hasten the asexual propagation process of mango grafts enhancing survival rates of mango grafts. I like this study since it uses some plant growth regulators which requires minute amount while encourages high impact on plant growth and survival.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Biostimulant: Its Effect on the Growth and Survival of Asexually Propagated Mango (<i>Mangifera indica</i> L.)</p>	
<p>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.</p> <p>(Comments were written in red ink)</p>	<p>The Kokan belt (please state, is it a province or City of what country?) is home of over 400 nurseries producing more than 1 million high-quality mango planting materials annually. To enhance the survival rate and growth of mango grafts at the nursery stage, a study was conducted as "Biostimulant: Its Effect on the growth and survival of asexually propagated mango (<i>Mangifera indica</i> L.)" during August 2023 to April 2024 at Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli (please state what country). The experiment is designed in a factorial randomized block design, tested 26 treatment interactions in which n-ATCA (10.00%)+ folic acid (0.2%) combination @ 1ml/L at 60 days interval)performed best in terms of plant growth parameters and also reduced cost of production of mango grafts Cv Alphonso followed by Chitosan @ 150 ppm at 60 days interval also showed maximum B:C (1:49) and maximum net profit.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>yes</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This manuscript is very timely and scientifically robust involving growth regulators enhancing survival rate and growth as well as strengthening the plants immune system. Environment friendly and practical to the part of nursery operators and farmers, thereby producing safe and quality planting materials. It also emphasizes the importance of biostimulant which aids in growth and development of mango grafts.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Mostly of the references were recent and that is very good. No additional.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The English quality is good for scholarly communications.	
Optional/General comments	Please check some of the spelling. There was typo error in some text. Thank you.	

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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