

Review Form 3

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_124973
Title of the Manuscript:	Suitability of Soil and Different Agro Climatic Conditions for Growing Kinnu Crop in Special Reference of Agra Region
Type of the Article	

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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 provides valuable insights into the suitability of soil and climatic conditions for Kinnow (Santra) cultivation in the Agra region, making it an important resource for agricultural researchers and local farmers. Its detailed survey of soil types, agro-climatic factors, and management practices offers practical guidelines for optimizing Kinnow yields, which are essential for sustainable citrus cultivation. I commend this manuscript for its comprehensive approach and clear, actionable recommendations, though it would benefit from a broader discussion on challenges such as market access and economic sustainability for smallholder farmers.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title, "Suitability of Soil and Different Agro Climatic Conditions for Growing Kinno Crop in Special Reference of Agra Region," is informative but could be more concise and engaging. A refined version might be: "Soil and Agro-Climatic Suitability for Kinnow Cultivation: A Case Study of the Agra Region" This alternative title is clearer and more focused, highlighting both the crop and the region of study. It also uses "Kinnow," which aligns with the standardized spelling used in the text.</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>The abstract is generally informative, summarizing the key points regarding the suitability of the Agra region for Kinnow cultivation. However, it could benefit from more detail about the findings, such as specific challenges and management practices. Also, a clearer mention of the study's practical implications or future applications would improve its comprehensiveness.</p> <p><u>Suggestions:</u></p> <ol style="list-style-type: none"> 1. Include more specific findings by mention key results, such as the optimal soil pH, rainfall requirements, or agro-climatic zones. 2. It should be briefly explain how the findings could benefit local farmers or impact agricultural sustainability. 3. If sustainability is a goal, it should be emphasized more clearly in the abstract. 4. It should be remove repetition like "providing the perfect setting for Kinnow trees to thrive" can be streamlined. <p><u>Revised abstract should be:</u></p> <p>The fertile, well-drained loamy soils and subtropical climate of the Agra region create ideal conditions for Kinnow (Santra) cultivation. This study examines soil types, pH levels, and agro-climatic conditions that optimize Kinnow yields. Key factors such as sunlight, rainfall, and altitude variations are explored, with practical guidelines provided for soil management and irrigation. The findings offer valuable insights for farmers aiming for sustainable and profitable Kinnow production, though challenges such as water management and market accessibility require further exploration. This research highlights Agra's potential for expanding citrus cultivation while addressing key agricultural constraints.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure of the manuscript is generally appropriate. However, some improvements can be made to enhance clarity and flow.</p> <p><u>Suggestions for improvement:</u></p> <ol style="list-style-type: none"> 1. Some subsections, such as "Soil Suitability" and "Agro-climatic Conditions," are well-organized but could benefit from a clearer breakdown. For instance, within "Agro-climatic Conditions," you could create subheadings for temperature, rainfall, and humidity to make it easier for readers to follow specific factors. 2. This section of nutrient requirements could be split into two: one for young trees and one for mature trees. Also, a summary table might help clarify the specific nutrient needs based on tree age. 3. A dedicated section on "Practical Recommendations for Farmers" would be beneficial. It would allow the findings to be directly applicable, summarizing the key actions that farmers need to take for successful cultivation. 4. Although the manuscript has a "Conclusion" section, it could be expanded to include a discussion of the broader implications, challenges, and potential future research directions. This would elevate the manuscript's academic value. 5. The section on harvesting and post-harvest management could be made more detailed by 	

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	discussing export opportunities or challenges for farmers, particularly regarding Kinnow's shelf life and processing.	
<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 appears to be scientifically robust and technically sound, as it is based on well-established principles of agronomy, soil science, and citrus cultivation. The research is supported by relevant references and data, particularly concerning soil pH, nutrient requirements, and the agro-climatic conditions necessary for optimal Kinnow (Santra) growth. The inclusion of practical guidelines for nutrient management, irrigation, and plant protection further strengthens its scientific foundation. However, the manuscript could benefit from more detailed data or field experiments to reinforce its findings and improve its applicability to diverse farming conditions.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The references in the manuscript appear to cover a broad range of relevant topics related to Kinnow (Santra) cultivation, including soil suitability, nutrient management, irrigation practices, and pest control. However, while some references are recent, others may be outdated, particularly those from the 1980s and 1990s.</p> <p><u>Suggestions for improvement:</u></p> <ol style="list-style-type: none"> 1. It should be replaced or supplement older references with more recent studies that provide updated data or findings on Kinnow cultivation and citrus management practices. 2. It should be adding recent review articles or meta-analyses that summarize current best practices in citrus cultivation, soil management, or pest control could provide additional context and support for the manuscript's recommendations. 	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the manuscript are generally suitable for scholarly communication, but there are areas that could be improved for clarity, grammar, and formality. A careful editing process focusing on these aspects would significantly enhance its quality.</p> <ol style="list-style-type: none"> 1. Some sentences are overly complex or lengthy, which can obscure the intended meaning. Simplifying these sentences or breaking them into shorter ones would enhance readability. 2. While generally correct, there are occasional grammatical errors and awkward phrasing that could be refined. A thorough proofreading would help eliminate these issues. 3. Maintaining consistent terminology and phrasing throughout the manuscript (e.g., using "Kinnow" instead of varying terms) would improve overall coherence. 4. The tone could be made more formal in certain sections to align better with scholarly standards. Avoiding conversational phrases and using precise language would contribute to this. 	
<p><u>Optional/General</u> comments</p>	<p>Here are some optional/general comments that may enhance the overall quality and impact of the manuscript.</p> <ol style="list-style-type: none"> 1. The introduction could benefit from a broader context regarding the significance of Kinnow cultivation in the Agra region and its economic impact. This would provide a stronger rationale for the study and engage readers more effectively. 2. It should be consider including tables, charts, or figures to summarize key data, such as soil types, nutrient requirements, and irrigation practices. Visual aids can enhance comprehension and retention of information. 3. A section discussing potential areas for future research, such as the effects of climate change on Kinnow cultivation or innovative pest management strategies, would enhance the manuscript's contribution to the field. 4. Ensure that all references are consistently formatted according to the chosen citation style. 5. A thorough proofreading by a native English speaker or a professional editor could help refine the language and ensure grammatical accuracy, enhancing the manuscript's overall quality. 	

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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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