

**Review Form 1.7**

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_113665</b>
Title of the Manuscript:	<b>Seasonal swings and graphical tale of growth and productivity of Wheat in Gujarat state in comparison with national market (India).</b>
Type of the Article	<b>Original Research Article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>Yes a substantial dataset is documented. Wheat is a key culture for food production</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>Definitively YES</b></p> <p><b>Refer to review report for reference adding suggestions in the General comment box right below</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>The manuscript report on the wheat growth, production and productivity in Gujarat state, India in comparison with National features. The work document and analyze a substantial dataset so that it deserves publication in the Journal of Experimental Agriculture International but after consideration of the four following comments.</p> <p><b>C1 Section 1.1 and 1.2</b> Authors should mention if they use classical equations and parameters, then indicating some reference would be informative or if they define their own indicators</p> <p><b>C2 Section 2.1</b> "The assessment of growth rates have been done by exponentially fitting the time series data...3 Can authors report of exponential fits were relevant, what was the regression/correlation coefficient?"</p> <p><b>C3 Page 5/11</b> "Additionally, wheat production exhibited a strong positive connection, as indicated by a Cgr% of 2.53. This signifies that greater efforts in production lead to a substantial boost in wheat yield." Can authors detail which "efforts" were performed? Are they the one reported in C4?"</p> <p><b>C4 Page 5/11</b> "This implies that adopting advanced agricultural techniques, such as efficient irrigation and modernized fertilization methods, can lead to enhanced wheat productivity, ultimately bolstering overall crop growth." It would be informative for readers to mention innovation for crop improvement recently reported in the literature with the use of physical plasma technology. The following references should then be introduced: A Stancampiano, et al, Applied Sciences 9 (18), 3861 (2019) W Chen, et al, Mathematical Biosciences and Engineering 20 (6), 10223-10243 (2023)</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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