

## Review Form 1.7

Journal Name:	<b>Current Journal of Applied Science and Technology</b>
Manuscript Number:	<b>Ms_CJAST_100163</b>
Title of the Manuscript:	<b>Forecasting of Pulses crops in India: A Non Linear Approach</b>
Type of the Article	<b>Original Research Article</b>

### **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.journalcjast.com/index.php/CJAST/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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The nonlinear approach is a popular forecasting technique. For individuals who want to forecast data that is inappropriate for linear approaches, it will be helpful.</p> <p>It is better to make title more specific like Forecasting of Yield of pulse crops in India: A Nonlinear approach. Do not use pulses crops.</p> <p>Yes, it is mentioned as productivity instead of production or yield in abstract</p> <p>Yes.</p> <p>Yes, It is highly advised to conduct a residual analysis to confirm the suitability of model.</p> <p>Yes</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p><b>Optional/General</b> comments</p>	<ul style="list-style-type: none"> <li>• Second paragraph of introduction can make more specific and narrow.</li> <li>• No need to include content under the heading "The Initial value estimation using Solver" in materials and methods. Just mention that the initial value estimated by using solver in excel.</li> <li>• Do not use "pulses" crops (Pulse crops)</li> <li>• It is better to mention which are the pulse crops you have selected</li> <li>• In some places instead of production it is mentioned as productivity of pulse (page 3,7 and in abstract).</li> <li>• In Figure 2 and 3 y axis notation is not correct.</li> <li>• It is better to represent Figure 1 as table rather can give the values in graph.</li> <li>• It is better to give the forecasted values in table. A table showing comparison of predicted values from the two selected model to actual values can include.</li> <li>• Please check the first reference for spelling (within the article name "eastimation" instead of estimation")</li> <li>• Check the references which includes more than one author (properly use "and")</li> </ul>	

### 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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**Reviewer Details:**

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Department, University & Country	<b>Visva Bharati University, India</b>