

## Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_91991
Title of the Manuscript:	Modeling of Polyculture Fish Feed Using Mathematical Programming
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.journalajaees.com/index.php/AJAEES/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)
<b>Compulsory</b> REVISION comments	<ol style="list-style-type: none"><li>1. The references used are few and the study needs more previous studies in addition to comparing the results with those studies.</li><li>2. The paper needs to be formatted according to the format required in the journal.</li><li>3. The method used in the paper is purely mathematical and does not depend on a programming method, and algorithms or programming languages were not used in its development.</li><li>4. The researcher did not provide references to the equations used.</li><li>5. The discussion of the results is weak. The results should be dealt with in a detailed manner, in addition to explaining the benefits obtained from these numbers.</li><li>6. The way the idea was presented and presented is not clear to farmers in a simplified way and needs more explanations and details</li><li>7. What are the future business of the proposed idea?</li></ol>	<ol style="list-style-type: none"><li>1. Rreferences related to previous studies in the area of linear programming has been added for the problem.</li><li>2.The formatting has been done according to the format of the journal.</li><li>3.The method used in this study is linear programming to solve optimization problem. The LP model is build up with objective function and constraints and solved with help of Microsoft Excel .</li><li>4. References of the equations has been updated.</li><li>5.The discussion has been done according to the farmer plan and proposed model and some more points are added.</li><li>6. It is mentioned for farmers in section 5 that the proposed model is cost efficient .</li><li>7. Idea of linear programming to find cost efficient feed mixture for any species can be applied according to the availability of local ingredients and there cost. Further output of the model can be used for fish feed marketing ,fish diet plan etc.</li></ol>
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

### 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)	No