

Review Form 3

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_125132
Title of the Manuscript:	Effect of different fertilizers and approaches on nutrient use efficiency and economics of aerobic rice under aerobic rice-cowpea cropping sequence
Type of the Article	

Review Form 3

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)
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.	In this study, hybrid rice and cowpea were planted as intercrop (cereal-legume mixed) and different doses of fertilizer were applied. These results obtained contribute to plant nutrition studies. An increase in grain and straw yield was reported. In addition, this study is based on two-year results. It is important to make the evaluations based on two-year results for them to be reliable. The method of the research is suitable.	
Is the title of the article suitable? (If not please suggest an alternative title)	It is suitable. However; I think it would be better if the research location is specified as follows in the article title. "Effect of different fertilizers and approaches on nutrient use efficiency and economy of aerobic rice during aerobic rice-cowpea cultivation in ecological conditions of Bengaluru-India."	
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.	The summary of the article is sufficient. The effect of NPK fertilizers is not fully understood. It should be better specified.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the article are appropriate.	
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.	The material and methods of this study are appropriate. Also, this study is based on two-year results. Since the evaluation is made according to the two-year results, these results can be less misleading seasonally.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references are up to date. But, I think it would be useful to compare the results with the following publication studies. 1-) THE EFFECT OF PHOSPHORUS AND ZINC DOSES ON YIELD AND YIELD COMPONENTS OF BEANS (PHASEOLUS VULGARIS L.) IN VAN-GEVAŞ, TURKEY Bildirici N., Oral E. APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH , cilt.18, sa.2, ss.2539-2553, 2020 (SCI-Expanded) 2-) THE EFFECTS OF COPPER-ZINC INTERACTIONS ON YIELD AND YIELD COMPONENTS IN SOILLESS GROWN BEANS (PHASEOLUS VULGARIS L.) Bildirici N. APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH , cilt.18, sa.2, ss.2581-2598, 2020 (SCI-Expanded) 3-)VAN KOŞULLARINDA FARKLI AZOT VE ÇİNKO DOZLARININ KİŞLİK KIRMIZI MERCİMEĞİN (Lens culinaris MEDİC.) VERİM VE VERİM ÖĞELERİ ÜZERİNE ETKİSİ Yorğun Y., Bildirici N. INTERNATIONAL ASIAN CONGRESS ON CONTEMPORARY SCIENCES-VI, Ankara, Türkiye, 27 Mayıs 2022, cilt.1, ss.1-428 4-)Effect of Bacterial Inoculation and Different Phosphorus Doses on Yield Components and Yield of Chickpea (Cicer arietinum L.) Bildirici N.	

Review Form 3

	LEGUME RESEARCH , cilt.43, sa.3, ss.446-451, 2020 (SCI-Expanded)	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	It is suitable. However, minor corrections are needed.	
Optional/General 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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Numan Bildirici
Department, University & Country	Van Yüzüncü Yıl University, Türkiye