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Manuscript Number:	Ms_AJRRR_1761
Title of the Manuscript:	Effect of Different zinc Fertilization Rates and tef (eragrostic tef (zucc.) Trotter)) varieties on agronomic and grain quality traits in Northern Ethiopia
Type of the Article	

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
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>This study, "Effect of Different zinc Fertilization Rates and tef (eragrostic tef (zucc.) Trotter)) varieties on agronomic and grain quality traits in Northern Ethiopia" in order to determine 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.</p> <p>Zinc deficiency not only limits crop yield but also lowers product quality. As a matter of fact, the lack of zinc nutrients in agricultural areas is quite common in recent years. Because 30% of the world's agricultural land is 83% of the work done in Turkey found to contain less than about 0.5 ppm Zn and zinc deficiency was reported in agricultural areas where significant (Bildirici, 2020). Bildirici et al. (2020) conducted conducted different researches on the effects of Zn doses on beans, chickpeas and lentils in Van its soils. In this study, the effect of increasing Cu and Zn doses and different dose application interactions on yield and yield criteria of bean cultivars, a legume plant, was investigated.</p> <p>I recommend looking at similar studies we have done on the effects of different Zn dose applications on growth.</p>	i really like it and i think it will be useful to readers because it has en enough and realistic data and tef is a major crop grown and use for food common in Northern Ethiopia. Fertilizers containing Zn might also improve the productivity and quality of cereals and concentration of Zn in tef grain.
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 zinc Fertilization Rates-Doses and tef (eragrostic tef (zucc.) Trotter)) varieties on agronomic and grain quality traits in Northern Ethiopia"	the title should Effect of Different Zinc Fertilization Rates on the agronomic and grain quality traits of tef (<i>Eragrostic tef</i> (Zzucc.) Trotter) varieties in Northern Ethiopia
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. However, the effect of Zn doses on yield and yield components is not fully understood. It should be better specified.	The rate of Zn increase yield and quality on tef
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the article are appropriate.	Yes it 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.	The material and methods of this study are appropriate.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	<p>The references are up to date. But, in last five years There is only one study after 2020. I think it would be useful to compare the results with the following publication studies.</p> <p>1-) THE EFFECT OF PHOSPHORUS AND ZINC DOSES ON YIELDAND 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)</p> <p>2-) THE EFFECTS OF COPPER-ZINC INTERACTIONS ON YIELD AND YIELD COMPONENTS IN SOILLESS GROWN BEANS (PHASEOLUS VULGARIS L.) Bildirici N.</p>	--

	<p>APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH , cilt.18, sa.2, ss.2581-2598, 2020 (SCI-Expanded)</p> <p>3-)VAN KOŞULLARINDA FARKLI AZOT VE ÇİNKO DOZLARININKİŞLİKKIRMIZI 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</p> <p>4-)Effect of Bacterial Inoculation and Different Phosphorus Doses on Yield Components and Yield of Chickpea (Cicer arietinum L.) Bildirici N. LEGUME RESEARCH , cilt.43, sa.3, ss.446-451, 2020 (SCI-Expanded)</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	It is suitable. However, minor corrections are needed.	yes
<p>Optional/General comments</p>	<p>There are no their ethical issues in this manuscript.</p> <p>There are no competing interest issues in this manuscript</p>	

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)	this manuscript is do not includes all , Fraudulent publications, plagiarism, duplicate publication, author- ship, and potential for conflict of interest