**Cover letter**

Date: 04/02/2025

**Dear Editor-in-Chief**

On behalf of my co-authors, I am pleased to submit our manuscript entitled “**Performance Evaluation of Improved Tef Varieties for Grain Yield and Yield Related Traits at Koga Irrigation Schemes in Amhara Region, Northwestern Ethiopia**” for publication in **Blue Nile Journal of Agricultural Research** as an original article.

The objective of the present study was to evaluate the grain yield performance of improved teff varieties, which have been bred and released for rain fed conditions, under irrigation. Twenty- eight improved varieties plus one local cultivar were evaluated at Koga irrigation experimental site for two years (2015/16 to 2016/17) during the off-season. Based on the results of the individual year as well as combined analysis over years, it was concluded that varieties including Gibe, Quncho, Gemechis, and Lakech were found better performing for the measured parameters as compared with the other varieties. Hence, they have been selected and recommended for large scale production under the irrigated farming system. As a future direction for teff breeding research under irrigation, recommendations on frequency and method of irrigation and amount of water to be irrigated and other agronomic practices are of paramount importance.

We believe that the findings of this study are relevant to the scope of your journal and will be of interest to the readers of your journal.

We declared that this manuscript is original, has not been published before and it is not currently being considered for publication elsewhere.

I confirm that the manuscript has been read and approved for submission by all the named authors. If you have any questions about the manuscript, I will be serving as the corresponding author. Email: atinkut947@gmail.com, ORCID ID: <https://orcid.org/0000-0002-2261-0542>

Thank you for your consideration.

Sincerely,



Atinkut Fentahun Dessie (MSc.)

Plant breeding researcher