

Review Report

A potentially good study has been conducted on effects of nitrogen application on winter wheat production. However, significant issues were detected in the manuscript that have to be addressed clearly.

1. The manuscript lacks a clear statement of specific research objectives, making it challenging to discern the research questions or hypotheses.
2. The experimental design and methodology lack detailed descriptions, hindering the assessment of study reliability and reproducibility.
3. The results and discussion sections lack in-depth analysis and interpretation, and expanding on the findings could provide a more comprehensive understanding of underlying mechanisms and implications.
4. Consider measuring and reporting additional physiological and agronomic parameters, such as topdressing nitrogen fertiliser on the grain yield and nutrient uptake dynamics, and water-use efficiency, to enhance understanding of observed responses.
5. Conduct field trials across multiple seasons and locations to assess result consistency and generalizability under varying environmental conditions.
6. Explore the interactive effects of nitrogen management and other agronomic practices to optimize winter wheat production.
7. Perform economic and environmental analyses to evaluate the cost-effectiveness and sustainability of proposed nitrogen management strategies.
8. Strengthen the literature review and references to provide a more comprehensive understanding of the research area and highlight the study's contribution to existing literature.

* The paper suffers from lack of correct analysis and soil water information and experimental Design.

* A wrong terminology has been used throughout the paper. The authors used water consumption term for crop evapotranspiration which is not correct. The water consumption is not acceptable for soil, water, and crop analysis.

* The statements in the introduction section do not have the appropriate connection.

* The results of the other studies are not clear and very hard to be understood.

* The English language of the paper is strongly unacceptable. Even title language is not correct.