

REVIEWER'S REPORT

Manuscript No.: **IJAR: 55541**

Title: *Cycles De Saisons Agricoles Et Choix De Variétés De Cultures Dans Le Département De Tanout (Région De Zinder)*

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		√		
Techn. Quality			√	
Clarity		√		
Significance			√	

Reviewer Name: **Dr. Touseef Malik**

Reviewer's Comment for Publication:

The manuscript examines the relationship between agricultural season cycles and farmers' choice of crop varieties in the Tanout Department of the Zinder region, with particular emphasis on adaptation to climatic variability. The topic is highly relevant to Sahelian agriculture, climate resilience, and food security. The study is empirically grounded, combining experimental trials, rainfall time-series analysis, and farmer surveys. However, despite its strong empirical base, substantial revisions are required to improve analytical coherence, methodological transparency, organization, and language quality to meet the standards of an international peer-reviewed journal.

Recommendation: Accept after minor revision

Detailed Review Report

STRENGTHS

1. The study addresses an important and timely issue related to climate variability, agricultural resilience, and crop adaptation in a Sahelian context.
2. The use of mixed methods, including experimental plots, quantitative rainfall analysis, questionnaires, and focus group discussions, enhances the robustness of the data.
3. The application of established analytical tools such as the Pettitt test and the Sivakumar method strengthens the climatic analysis of seasonal cycles.
4. The manuscript provides detailed empirical evidence on farmers' varietal preferences, integrating genetic, agronomic, and agro-ecological characteristics.
5. The discussion highlights practical adaptation strategies, including varietal diversification and sorghum cultivation as an alternative to millet.

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WEAKNESSES

1. The manuscript is excessively long, with extensive descriptive sections that reduce analytical conciseness and clarity.
2. Research objectives and hypotheses are not explicitly stated or consistently linked to the results and discussion.
3. The Results and Discussion sections overlap considerably, leading to repetition rather than critical synthesis.
4. Some tables and figures are insufficiently interpreted in the text, limiting their analytical contribution.
5. Language, formatting, and typographical inconsistencies, particularly in translation and sentence structure, require substantial editorial revision.