



ISSN NO. 2320-5407

ISSN: 2320-5407

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

## REVIEWER'S REPORT

Manuscript No.: IJAR- 57950

**Title: PERCEPTIONS OF THE IMPACT OF ORGANIC MARKET GARDENING IN THE COMMUNES OF GREATER OUAGA IN BURKINA FASO.**

**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: **ANAPANA GOPAL**

**Reviewer's Comment for Publication.**

**General Comments**

The manuscript examines producers' perceptions regarding the socioeconomic and agronomic impacts of organic market gardening in Greater Ouagadougou, Burkina Faso. The topic is relevant to sustainable agriculture, food security, rural development, and agroecological transition in sub-Saharan Africa. The study provides useful insights into how producers perceive the benefits of organic production systems. However, the manuscript requires significant improvements in methodological rigor, statistical interpretation, language quality, and scientific objectivity before publication.

**Content and Originality**

**Strengths**

- The study addresses an important issue in sustainable agriculture and agroecology.
- The focus on producers' perceptions provides valuable social and behavioral insights.
- The integration of quantitative and qualitative approaches enhances the richness of the data.
- The study highlights the role of organic agriculture in women's empowerment, income diversification, and market innovation.

**Concerns**

1. The manuscript largely focuses on perceptions rather than objectively measured impacts. This distinction should be emphasized throughout the paper.
2. Several conclusions about yield improvement, soil fertility enhancement, and health benefits are based on respondents' opinions rather than empirical measurements.
3. The novelty of the study is not clearly articulated relative to existing research on organic agriculture in West Africa.

## REVIEWER'S REPORT

4. The manuscript would benefit from a clearer explanation of its contribution to policy and agroecological development literature.

### Technical Quality

#### Minor Revision Required

1. The methodology lacks sufficient detail regarding:
  - Sampling frame and total population size.
  - Response rate.
  - Questionnaire validation procedures.
  - Reliability testing of survey instruments.
2. The use of perception-based indicators should be acknowledged as a limitation.
3. The chi-square analysis requires clarification:
  - The dependent variable "empowerment" is not clearly operationalized.
  - Categories used for statistical testing are not adequately described.
  - Some reported Cramer's V values appear unusually high, particularly  $V = 1.000$ , which requires explanation.
4. The manuscript reports statistical significance but provides limited interpretation of effect sizes.
5. Several findings are presented as causal relationships although the study design is cross-sectional and perception-based.
6. No information is provided on potential biases such as:
  - Social desirability bias.
  - Recall bias.
  - Selection bias resulting from inclusion of certified producers only.
7. Figures and tables present descriptive frequencies but could benefit from additional statistical comparisons and confidence intervals.

### Language and Presentation

#### Minor Revision Required

The manuscript contains numerous grammatical, stylistic, and formatting issues that require professional language editing.

Examples include:

- Missing spaces between words.
- Inconsistent punctuation.
- Repetitive sentence structures.
- Awkward English translations.
- Inconsistent capitalization.

Examples:

- "The benefits of this production model remain poorly understood.The study aimed..." should contain proper spacing.
- Several paragraphs contain excessively long sentences that reduce readability.

Additional issues:

- Table titles and figure captions require consistent formatting.
- Some percentages and statistical values should be standardized according to journal style.

# International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

*www.journalijar.com*

---

## REVIEWER'S REPORT

### Structure and Organization

#### Strengths

- The manuscript follows a generally appropriate scientific structure.
- Results are organized into socioeconomic and agronomic dimensions.

#### Concerns

1. The theoretical framework is lengthy and could be streamlined.
2. The Results section contains substantial discussion and interpretation that should be moved to the Discussion section.
3. The Discussion tends to emphasize positive outcomes while giving limited attention to challenges and limitations.
4. The Conclusion occasionally extends beyond the evidence presented in the study.
5. A separate section on study limitations is recommended.

### References and Citations

#### Minor to Moderate Revision Required

#### Strengths

- References include relevant literature on organic agriculture, innovation adoption, and empowerment.
- Both theoretical and empirical sources are cited.

#### Concerns

1. Citation style is inconsistent throughout the manuscript.
2. Several references appear incomplete or lack DOI information.
3. Some references are relatively old and should be complemented with more recent literature.
4. Certain citations are reported as personal communications and may not meet journal requirements.
5. Bibliographic formatting should be standardized according to the target journal's guidelines.

### Overall Recommendation

The manuscript addresses a relevant topic with potential implications for sustainable agriculture policy and organic farming promotion in Burkina Faso. The mixed-methods approach and focus on producer perceptions provide useful information. However, important methodological limitations, overinterpretation of perception-based data, language issues, and insufficient statistical reporting must be addressed before publication.

### Final Decision:

#### Minor Revision