



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			x	
Techn. Quality			x	
Clarity			x	
Significance		x		

Reviewer's ID: JPR-171

Detailed Reviewer's Report

This study examines producers' perceptions of organic market gardening in Greater Ouagadougou, Burkina Faso, using a mixed-methods approach with 102 organic farmers and 20 stakeholders. While the topic is relevant, the manuscript has serious methodological and analytical flaws requiring major revision.

First, the sampling method is problematic. The sample size formula from Real et al. (1997) is cited but not explained; the target population size (N) is not provided, making the sample size calculation impossible to verify. Second, the study claims to use a "simple random sampling method" from an exhaustive list of BioSPG-certified producers, but the total number of certified organic market gardeners in the study area is not reported. Third, the chi-square test is applied without verifying assumptions (expected cell counts) for variables with many categories and small sample sizes. Cramer's V values of 1.0 (perfect association) for income growth are suspicious and likely result from sparse data. Fourth, the results section mixes quantitative findings with long qualitative quotes, and the "rating scale" (Table 1) for market innovations is arbitrary with no justification for thresholds. Fifth, the discussion overgeneralises causal claims (e.g., "organic products improve nutrient levels") without citing supporting evidence or acknowledging the study's cross-sectional, perception-based design. Sixth, several references are incomplete (e.g., "Campenhoudt et al., 2017" missing full details). The authors must clarify sampling, re-analyse statistics appropriately, and temper conclusions. A major revision is required.