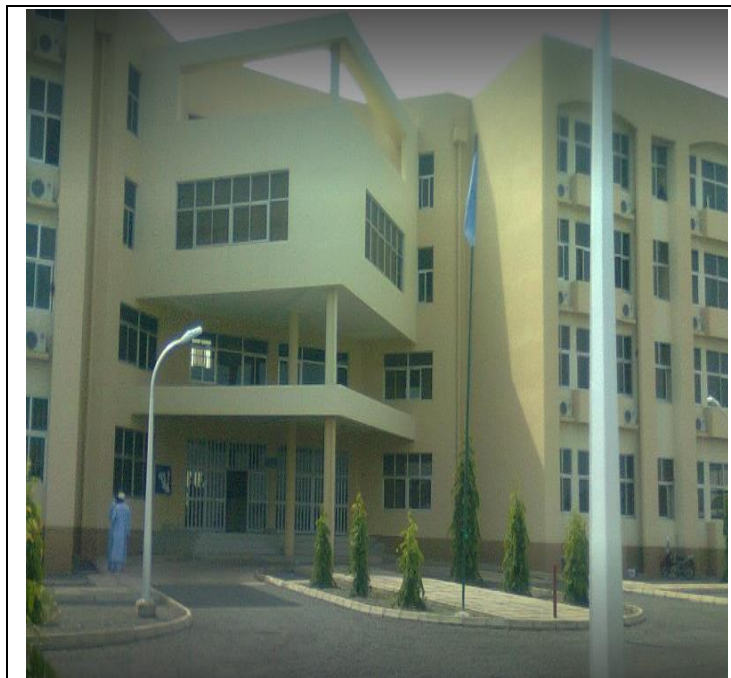


RESOURCE-USE EFFICIENCY IN POTATO PRODUCTION AMONG MALE AND FEMALE FARMERS IN PLATEAU STATE, NIGERIA.

Sani, R.M. and Jatbong, M.N.

Dept. of Agricultural Economics & Extension, Faculty of Agric and Agricultural Technology,
Abubakar Tafawa Balewa University Bauchi, Gubi Campus, Bauchi State, Nigeria.

Abstract: This study examined the resource-use efficiency in potato production among male and female farmers in Plateau State, Nigeria. Both purposive and random sampling techniques were used to select 500 farmers from the study villages. Data were collected using structured questionnaire and analyzed using descriptive statistics, farm budgeting and regression analysis. The results revealed that, the mean ages were 47 and 42 years for male and female farmers, respectively. The mean difference in the age and household size were statistically significant at $p < 0.001$. Also, cost of labour was ₦33,392.01 and ₦52,770.56 for male and female potato farmers, respectively. The results on t-test indicated that, total returns, gross margin and net farm incomes were negative and significant at $P < 0.05$. The co-efficient of labour, agro-chemicals, fertilizer and seed were statistically significant at $P < 0.01$ and $P < 0.1$. Consequently, the value for labour was statistically significant at $P < 0.005$ for female farmers. The ratio of marginal value product and marginal factor cost of labour for male and female farmers were 0.85 and 0.88; and that of farm size were 0.95 and 0.91 respectively.



Biography: Sani, R.M. and Jatbong, M.N.

Dept. of Agricultural Economics & Extension, Faculty of Agric and Agricultural Technology,
Abubakar Tafawa Balewa University Bauchi, Gubi Campus, Bauchi State, Nigeria.

Publications:

1. Evaluating the Mechanical Properties of Admixed Blended Cement Pastes and Estimating its Kinetics of Hydration by Different Techniques
2. Genetic Diversity Using Random Amplified Polymorphic DNA (RAPD) Analysis for *Aspergillus niger* isolates
3. Au-Ag-Cu nanoparticles alloys showed antifungal activity against the antibiotics-resistant *Candida albicans*
4. Induce mutations for Bavistin resistance in *Trichoderma harzianum* by UV-irradiation
5. Biliary Sludge. Analysis of a Clinical Case

[5th International Conference On Plant Science and Physiology February 17-18, 2020 Osaka, Japan.](#)

Abstract Citation: [RESOURCE-USE EFFICIENCY IN POTATO PRODUCTION AMONG MALE AND FEMALE FARMERS IN PLATEAU STATE, NIGERIA. Sani, R.M. and Jatbong, M.N. February 17-18, 2020 Osaka, Japan](#)