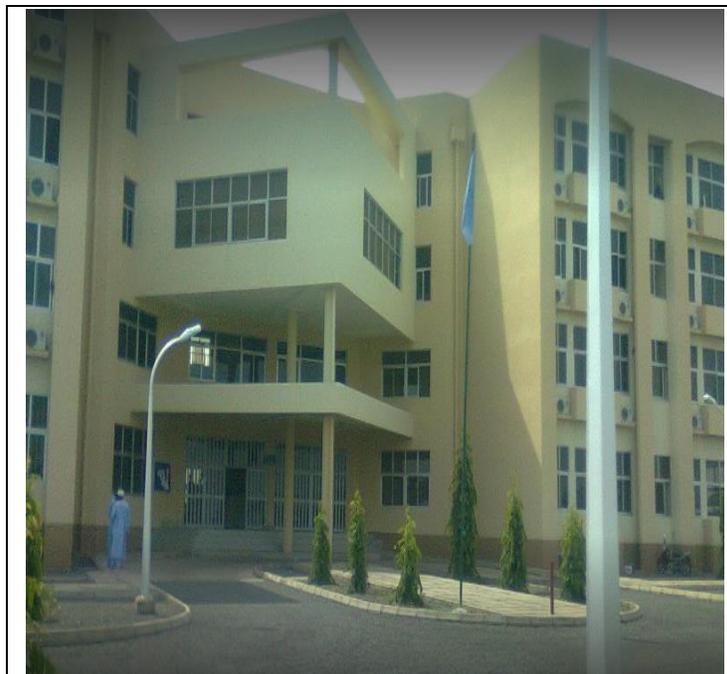


### RESOURCE-USE EFFICIENCY IN POTATO PRODUCTION AMONG MALE AND FEMALE FARMERS IN PLATEAU STATE, NIGERIA.

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**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.



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#### Publications:

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