

EFFICIENCY OF WOMEN FOOD CROPPERS IN NIGERIA

¹OGUNNIYI, ²L.T, OGUNWOLE-OLAPADE F & ³AJAO A.O.

^{1,2,3} Department of Agricultural Economics and Extension Ladoké Akintola University of Technology, Ogbomoso, Nigeria

ABSTRACT

This paper contributes to the efficiency literature in developing country agriculture by quantifying the level of efficiency for a sample of women food crop farmers from Nigeria. A stochastic decomposition methodology is used to derive technical, allocative and economic efficiency. The result of the MLE showed that labour fertilizer, material inputs and equipment have a positive and significant impact on the value of production while agrochemical have a negative and significant impact on the value of production. An average economic efficiency of 78.5% is found, which suggest considerable room for improvement in the productivity of the farms in the study area. The result also revealed that the level of economic efficiency would significantly increase with rising level of education, extension visit and membership of social organization but would decrease with rising level of experience.

KEYWORDS: Economic Efficiency, Stochastic, Women, Food Crops.