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Factors Affecting the Adoption of Chemical Use in Yam Storage among Farmers in Orire Local Government Area of Oyo-State, Nigeria

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ABSTRACT Yam as a staple food in Nigeria has lot of importance, hence it has been imperative to know different ways of preserving this tuber. The study aimed at looking at the factors that affected the adoption of chemicals as a preservative in Orire local government area of Oyo-state in Nigeria. A sample size of 120 farmers was chosen and multi-stage sampling technique was employed. Majority of the farmers were male with ninety-three percent, married with seventy-five percent and with no form of education. Majority of the farmers had between 5-9 household members. The study discovered a positive significance between the adoption of the technology and the family size of the farmer. Majority still made below 20,000 NGN in sales annually. The welfare of the farmer contributed to the adoption of the technology significantly. The null hypothesis was rejected. The study recommends that the government should encourage more female farmers to cultivate yam tubers and also more financial assistance should be given to farmers in order to encourage production and this introduction should benefit the farmers and not the researchers' alone.