

## **Local Community Participation and the Adoption of Agricultural Technology in Kayunga District, Uganda**

**Authors :** Barbara Kyampeire, Gerald Karyeijja

**Abstract :** This study investigated the influence of local community participation on the adoption of new agricultural technology in Uganda, using the case study of Smooth Cayenne Pineapples in Kayunga District, Uganda. The mechanism of adoption of new technologies is often not fully understood and this prompted the study. The study adopted a descriptive, co relational, survey design. The researcher used questionnaire survey, focus group discussion as methods of data collection. A total of 152 respondents including adopters and non-adopters of new technology for producing pineapples were selected from 8 farmer groups in Kayunga District. The results indicated that the participation of the community in the planning, implementation and the monitoring and evaluation of the adoption of the new technology for producing pineapples was low thus reducing the adoption of the new technology in the District. The researcher concluded that community participation significantly influences the adoption of new agricultural technology by members of a particular community. The study thus recommended that: first, there is need for maximum involvement of members of the community in the planning, implementation and monitoring of any new agricultural technology; secondly, there is need for continued sharing of information about new agricultural technologies being introduced; and finally, community members must be equipped with Monitoring and Evaluation (M&E) skills in order to make them monitor the progress made by the new agricultural technologies.

**Keywords :** adoption, community, technology, implementation

**Conference Title :** ICAB 2015 : International Conference on Agriculture and Biotechnology

**Conference Location :** Melbourne, Australia

**Conference Dates :** December 13-14, 2015