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**ASSIGNMENT**

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**REG. NUMBER:**

**DEPARTMENT: AGRIC. ECONOMICS AND EXTENSION**

**COURSE CODE: AEM 561**

**COURSE TITLE:**

**SUBMITTED TO**

**FACULTY OF AGRICULTURE**

**AKWA IBOM STATE UNIVERSITY**

**OBIO AKPA CAMPUS**

**JUNE, 2023**

**EXTENSION AND EXTENSION SERVICES**

Extension services, also known as agricultural extension, are a crucial component of rural development. They involve the provision of information, training, and support to farmers and other stakeholders in the agricultural sector. The goal of extension services is to improve agricultural productivity, enhance sustainable practices, and promote rural livelihoods. Extension services typically offer a wide range of activities, including:

**1. Training programs:** Farmers are provided with training on various aspects of agriculture, such as crop cultivation techniques, animal husbandry practices, pest and disease management, irrigation methods, and use of modern technologies.

**2. Advisory services:** Extension agents or experts offer advice and guidance to farmers on specific issues or challenges they face in their farming operations. This may include recommendations on crop selection, soil management, marketing strategies, or adopting new farming practices.

**3. Demonstration plots:** Extension services often establish demonstration plots where farmers can observe and learn about the implementation of new agricultural practices or technologies. These plots serve as practical examples and help farmers determine the feasibility and effectiveness of recommended techniques.

**4. Farmer field schools:** These are interactive learning platforms where farmers come together to discuss challenges, exchange knowledge, and learn from each other's experiences. Farmer field schools encourage peer-to-peer learning and promote the adoption of best practices within the local farming community.

**5. Access to inputs and resources**: Extension services may facilitate access to quality seeds, fertilizers, pesticides, and other inputs required for agricultural production. They may also provide information on available credit schemes, government subsidies, or market opportunities.

**WAYS TO IMPROVING NIGERIAN EXTENSION SERVICES**

Improving extension services in Nigeria is crucial for enhancing agricultural productivity, promoting sustainable farming practices, and empowering rural farmers. Extension services involve disseminating information, providing advisory support, and offering technical assistance to farmers. Below are several ways to enhance extension services in Nigeria:

**1. Strengthening Institutional Framework**: There is a need to strengthen the institutional framework for extension services by providing adequate funding, infrastructure, and skilled personnel. This includes equipping extension offices with modern technologies, establishing training centers, and hiring qualified extension workers.

**2. Capacity Building for Extension Workers:** Providing regular training and capacity-building programs for extension workers is essential. They should be equipped with up-to-date knowledge on farming techniques, climate-smart practices, value chain development, and market information. Continuous professional development will enable extension workers to effectively disseminate relevant information to farmers.

**3. Leveraging Information and Communication Technologies (ICTs):** Utilizing ICTs, such as mobile phones, internet, and community radio, can improve the efficiency and reach of extension services. Mobile apps, SMS-based services, and interactive voice response systems can provide real-time information to farmers, addressing their specific needs and challenges.

**4. Participatory Approach:** Involving farmers in decision-making processes, program design, and implementation is crucial for the success of extension services. This participatory approach encourages ownership and ensures that solutions are tailored to local contexts and farmer preferences.

**5. Farmer-to-Farmer Knowledge Sharing:** Facilitating farmer-to-farmer knowledge sharing networks and platforms can strengthen extension services. Peers can share their experiences, success stories, and best practices, fostering innovation and adoption of new techniques within farming communities.

**6. Strengthening Research and Extension Linkages:** Close collaboration between research institutions and extension agencies is essential. Extension workers should have access to research findings, new technologies, and innovative farming practices. Similarly, research institutions should receive feedback from extension workers and farmers, enabling them to conduct demand-driven research.

**7. Market Linkages and Value Addition**: Extension services should not be limited to production techniques alone but should also encompass aspects related to marketing, post-harvest handling, and value addition. Empowering farmers to access markets and enhance their income-generating opportunities is crucial for agricultural development.

**8. Monitoring and Evaluation:** Implementing a robust monitoring and evaluation system for extension services is vital for measuring impact, identifying gaps, and making evidence-based improvements. Regular evaluations, surveys, and feedback mechanisms should be established to assess the effectiveness of extension programs and ensure accountability.

**CONCLUSION**

Conclusively, extension services involve the provision of information, training, and support to farmers and other stakeholders in the agricultural sector. Hence, to improve extension services in Nigeria it requires a collaborative effort of both the government, ministries, individual farmers and local leadership structure in order to improve agricultural productivity in the country.

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