



Integrated Pest Management in Urban Ghanaian Gardens: A Three-Year Impact Assessment

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Abstract

Integrated Pest Management (IPM) is a sustainable approach to managing pests in agricultural settings by combining multiple control methods such as biological controls, cultural practices, and chemical interventions. A mixed-methods approach was employed, including surveys, interviews, and observation studies conducted among gardeners in selected urban areas of Nigeria. Community members showed significant improvement in their understanding of IPM principles, with an increase from 20% to 75% reporting successful pest management strategies over the three years. The findings indicate that sustained education and support are crucial for effective IPM adoption among urban gardening communities. Local governments should invest in educational programmes and provide resources to facilitate wider implementation of IPM techniques. Integrated Pest Management, Urban Gardening, Community Education, Nigeria

Keywords: *Sub-Saharan, Sustainable Agriculture, Cultural Practices, Biological Controls, Community Engagement, Participatory Approach, Ecological Balance*

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