



Adoption of Organic Cotton Cultivation Practices in the Upper East Region of Ghana: Yield Enhancement Outcomes

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Abstract

Ghana's Upper East Region is a significant cotton-producing area in West Africa. Organic cotton cultivation has been promoted to enhance sustainability and yield while reducing environmental impact. A survey was conducted involving 150 randomly selected cotton farmers in the Upper East Region. Data were collected through structured questionnaires assessing knowledge, practices, and yield outcomes. Among surveyed farmers, 68% reported significant increases in cotton yields after adopting organic farming methods, with an average increase of 25%. The adoption of organic cotton cultivation practices has led to notable yield enhancements among Upper East Region farmers. This study identifies critical factors such as education and financial support. Policy makers should provide subsidies for inputs and training programmes to encourage more farmers in the region to adopt organic farming methods. Organic Cotton, Yield Enhancement, Ghana, Upper East Region

Keywords: *Geographic, African, Ghanaian, Cotton, Sustainability, Organics, Agroecology, ClimateAdaptation*

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