



Impact Assessment of Climate Smart Agriculture Practices on Smallholder Farmers in Zambian Highlands,

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Abstract

This study examines the impact of climate smart agriculture (CSA) practices on smallholder farmers in Zambia's Zambian Highlands. Agricultural extension workers conducted surveys using structured questionnaires with farmer participants in the Zambian Highlands. Data was analysed using descriptive statistics. Farmers reported an increase of 15% in crop yields and a 20% rise in household income after adopting CSA practices, highlighting the significant impact on livelihoods. The implementation of CSA practices has been shown to be effective in enhancing agricultural productivity and economic benefits for smallholder farmers in Zambia's Zambian Highlands. Farmers are encouraged to continue using CSA practices, while local governments should provide more support and resources to sustain these initiatives. climate smart agriculture, smallholder farmers, Zambian Highlands, agricultural productivity, income

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