

GODFREY MIRITI

MERU COUNTY | SISTEMA 6 | INSTALLATION DATE: 08/06/2018



“Biofertilizer increased my fodder production, which I now store for future use”

ABOUT MIRITI

Miriti owns a 3-acre farm in Kionyo, Meru. He grows maize, nappier grass and terere for subsistence use and grows tea and potatoes commercially. He also sells seedlings of capsicum, cabbage, swiss chard, kales, terere, onions and tomatoes to other farmers. He keeps two cows which provide him with milk that he sells, as well as biogas for cooking and 143 litres of biofertilizer a day from his Sistema 6 biodigester.

LIFE BEFORE BIOFERTILIZER

Miriti first started using biofertilizer in 2018. Before getting his biodigester, the highest seasonal yield of maize he could expect was 45kg. He also regularly used synthetic fertilizers such as NPK on all his crops.

LIFE AFTER BIOFERTILIZER

After two years of using biofertilizer, Miriti reports that his maize production doubled to 90kg. He has completely stopped using synthetic fertilizer on all his crops and has been able to substantially increase fodder production that he now stores in silos for future use! He's also noticed his commercial seedlings have improved in quality with 100% germination, giving him a competitive edge in the market.



IMPACTS



100% increase in maize production



100% germination rate in vegetable seedlings



Complete replacement of synthetic fertilizers with biofertilizer = less costs!



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#maize #seedling #germination #biofertilizer
*This case study is based on farmer feedback/testimonies