

JENNIFER M'RIMBERIRA & HARUN

MERU COUNTY | SISTEMA 8 | INSTALLATION DATE: 06/06/2018



"Our potato harvest has increased from 2 sacks to 14 sacks thanks to the biofertilizer!"

ABOUT JENNIFER & HARUN

Jennifer and Harun produce vegetables commercially and for subsistence on their 1.5-acre farm. They grow napier grass for their cows and have a variety of plots growing carrot, cabbage, potatoes, maize, spinach, and onions. They keep four cows which provide them with milk, as well as biogas for cooking and 143 liters of biofertilizer a day through their Sistema 8 biodigester. They also raise chickens.

LIFE BEFORE BIOFERTILIZER

For many years the M'Rimberiras relied on a range of chemical fertilizers and fresh manure to tend their crops. Their fresh manure was kept in a pit by the cattle shed with no proper storage. Their yields were never particularly high. For example, one of their main crops, potatoes, would only provide two bags per season.

LIFE AFTER BIOFERTILIZER

Jennifer is the main farmer in the household, and since she started using biofertilizer she hasn't looked back. Not only has she been able to eliminate chemical fertilizers from their farm, but she now produces 14 sacks of potatoes where she used to only get 2! All their crops are now growing abundantly compared to before and they've also found that their maize seeds germinate faster after sowing, now only taking 5 days before the seedling emerges. The M'Rimberiras have also begun feeding their chickens with biofertilizer as a supplement which is helping them reduce the cost of concentrate feed. All in all, they're able to produce more by using less inputs!

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#potato #germination #maize #biofertilizer #femalefarmer

**This case study is based on farmer feedback/testimonies*



IMPACTS



700% increase in potato production



Complete replacement of synthetic fertilizers with biofertilizer = less costs!



FASTER GERMINATION maize germinates in only 5 days with biofertilizer!



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