

# JULIA MUTURA & SAMSON KAMAWE

KIAMBU COUNTY | SISTEMA 20 | INSTALLATION DATE: 09/06/2018



*"Biofertilizer changed what I could produce on my farm and I have been happy since then!"*

## ABOUT JULIA & KAMAWE

Julia & Kamawe own a one-acre farm in Gatundu, Kiambu. They grow kales for subsistence use and coffee and cabbages commercially. They have cows, chickens and pigs which provide them with milk and eggs, and they sell the pigs to farmers' choice. The cows also provide them with biogas for cooking and 476 liters of biofertilizer a day through their Sistema 20 biodigester.

## LIFE BEFORE BIOFERTILIZER

Kamawe & Julia first started using biofertilizer in 2018. Before acquiring the biodigester, the highest yearly coffee yield they could expect was 500kg. They were only able to produce 90kg of maize per season on their farm using synthetic fertilizers such as CAN that cost KES 650 a year. They could sell one bag of maize at KES 2000.

## LIFE AFTER BIOFERTILIZER

After two years of using biofertilizer, Kamawe reports that their annual coffee production has doubled to 1000kg. They have completely stopped using synthetic fertilizers and have been able to diversify their production to commercially grow organic cabbages. Additionally, they have been able to produce cabbages 3 times a year instead of twice, giving them KES 20,000 a season! They are now looking forward to using biofertilizer as an animal feed on their pigs to add to the amazing results they have seen so far!

## IMPACTS



**100%** increase in coffee production



**3** growing seasons for cabbage leading to **50%** increase in revenue from cabbage production



Complete replacement of synthetic fertilizers with biofertilizer = KES 650 saved per year!