

# CASSAVA – SWEET POTATO INTERCROPPING

How to decide on fertilizer use and maximize profit  
in your cassava-sweet potato intercrop



## What we need to know



### Your risk attitude

Your risk attitude is used to adjust advice on fertilizer investment.



### Your current yield

Your current cassava and sweet potato yield is used to estimate yield response.



### Fertilizer prices

So we can calculate the total cost of the proposed fertilizer recommendation.



### Sweet potato price

We use the expected sweet potato tuber price to evaluate profitability of fertilizer.



### Cassava root price

We use the expected market price of your cassava produce to evaluate profitability.



### Your field's area

So we can provide you with the exact fertilizer quantities to apply.

# CASSAVA - SWEET POTATO INTERCROPPING



How to decide on fertilizer use and maximize profit  
in your cassava-sweet potato intercrop

## What you need to do



### Decide whether to intercrop or not

Intercropping is only profitable if the price ratio of sweet potato tubers over cassava roots is favourable.



### Plant improved varieties

Plant disease-tolerant varieties. Obtain clean planting material from an accredited source.



### Plant your crops at the right density

Plant cassava on ridges at 1 m by 1 m. Plant 1 sweet potato vine in between each pair of cassava plants.



### Do a cost benefit analysis

If fertilizer use is profitable, then apply 400 kg of NPK 17:17:17 per hectare.



### Apply fertilizer at the right time

We use the expected maize produce price to evaluate the profitability of fertilizer.



### Apply fertilizer in the right way

Apply fertilizer in half-moon furrows around each cassava plant and sweet potato vine, and cover with soil.