



Series 5, Episode 5

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This leaflet contains information on: tomatoes, soil testing, beef cows, using the right chemicals

For more information, SMS 'SOIL' to 30606



Get a good sample using zig zag method

Soil Testing

How To Collect A Good Soil Sample:

- Insert a soil auger or panga 20cm deep into the soil.
- Turn it several times to dig out a sample.
- Put the soil in a bag.
- Repeat the same with 20 other different points in your farm using zigzag method.
- Put the soil in a sample bag.
- Label the bag with your name, phone number, address, location and the crops you want to grow.
- Send the soil sample to SoilCares - 0728 970136
- Follow the instructions on the soil test report.

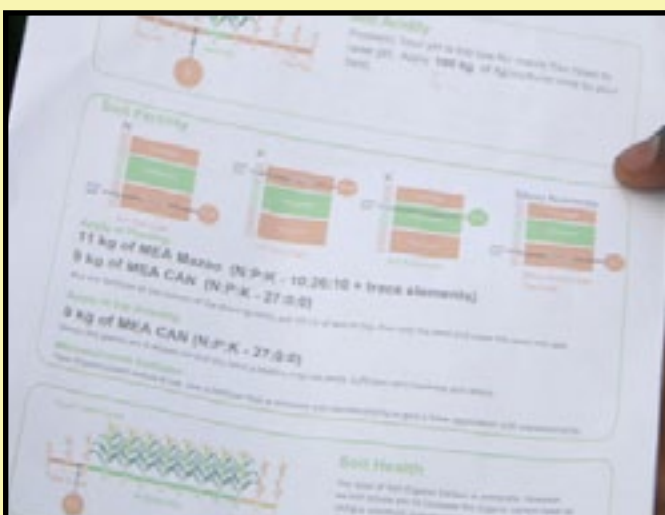
*Use can also use **Physiolith** from Mea Fertilizers during planting to reduce soil acidity.*

The Soil Test Report Will Tell You:

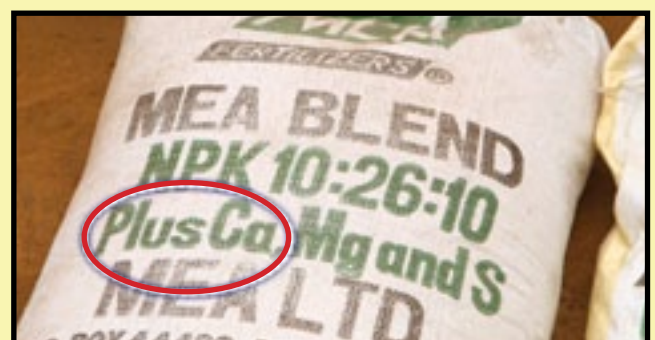
The pH of your soil - If your soil is acidic: add 10-15 bags of agricultural lime per acre, or use a fertiliser with calcium to reduce acidity.

The fertility of your soil - Nitrogen, Potassium and Phosphorous and other micro-elements are important for your crop. Use the fertiliser that the report tells you.

*Don't forget to use **agricultural lime** one month before planting!*



A sample soil test report



MEA Mazao 10 fertiliser has calcium to stop your soil getting acidic

Planting Tomatoes Correctly

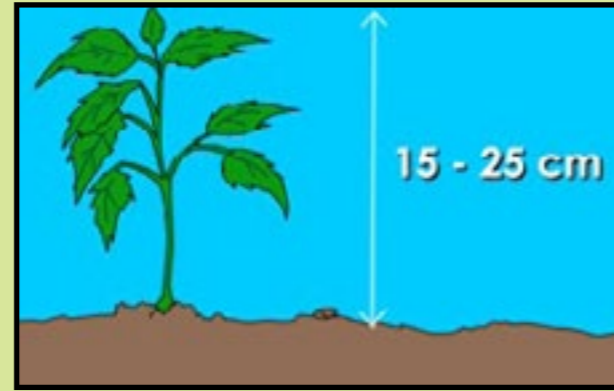
Tomato gets you a lot of money. Use good seeds to get a good crop.

Tylka F1 has a high yield, can be harvested for a long time and resists most pests and diseases. Transplant when seedlings are 15-25cm high with 3 to 5 leaves, at 21-28 days.

Grow tomatoes in a greenhouse with drip irrigation for a bigger crop. Remember to rotate your greenhouse crops.

Transplanting Tomato Seedlings:

- Water the plot
- Make rows 45cm apart
- Dig planting holes 15cm deep and 60cm apart on each row
- Add a bottle cap of planting fertiliser to each hole
- Put a handful of manure in each hole
- Mix well with the soil
- Plant one seedling in each hole
- After planting, drench with 8g of Actara in 20 litres of water for every ½ acre to stop sucking pests, early pests and soil borne pests
- Water the seedlings every evening
- Spray 2 weeks after transplanting with Ridomil from Syngenta to stop blight
- Weed every week
- Topdress with CAN after 21 days to get a big harvest. Tomatoes need a lot of nitrogen
- Harvest 75 days after transplanting
- You can harvest Tylka F1 for up to 16 pickings.



Ridomil keeps your tomatoes blight-free



Dig rows 45cm apart



Dig holes 15cm deep and 60cm apart on each row

Costs	Ksh/-
1 bag of tomato seeds	250
2 seed trays @ 100 Ksh/- each	200
1 bag of fertiliser	2000
Labour/man power for 10 days @ 200 Ksh/- per day	2000
Total	4450

For more information, SMS 'TOMATOES' to 30606

Keeping Cows For Meat

For more information, SMS 'COWS' to 30606

To make more money with beef cows:

1. Keep the cowshed clean.
2. Give clean water every day.
3. Give 5-8 kg of fodder everyday like napier grass. Make silage or hay to feed in the dry season.
4. Give 200g/2 glasses of Maclik Beef mineral supplements every day for fast growth.
5. Give Kupakula Nutrition from Coopers. This is a protein supplement for fast growth of beef cattle. Mix 200g/2 glasses. Mix 200g/2 glasses of Kupakula Nutrition per cow with feeds every day.
6. Serve your cow when on heat to get a good beef breed using a good bull or A.I. (Artificial Insemination)
7. Dip/spray with Triatix/Grenade from Coopers every 7 days to stop ticks.
8. Deworm your cow using Nefluk, Nilverm or Nilzan every 3 months.



Maclik Beef supplement helps good growth

Advice for De-Worming:

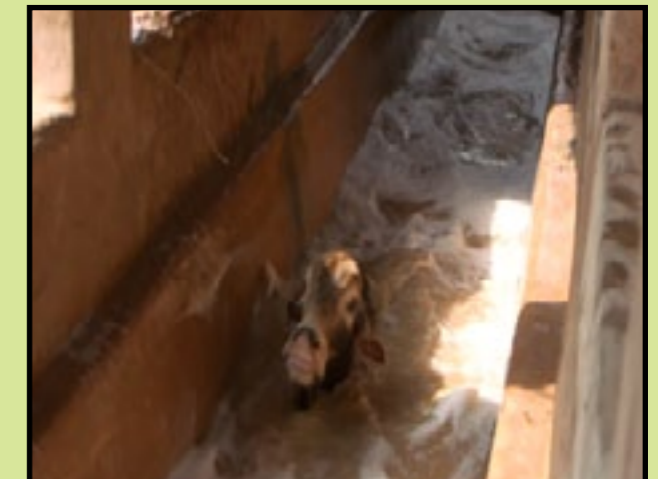
- Measure the cow's weight. For Nilverm, use ½ ml for every 1 kg of cow.
- Insert the drenching gun into the cow's mouth.
- Release the liquid into the cow's mouth.
- Hold the cow's mouth until it swallows all the liquid.



Get a weight band from an agro-dealer to measure your cows weight

Where To Spray Against Ticks:

- Under the tail and the tail
- The belly and between the legs
- Between the hooves
- The back legs
- The back and sides
- The front legs
- The chest and neck
- The ears
- The face
- Under the chin



Dipping is also a good way to stop ticks

Be careful when drinking or using milk from a cow that has just been wormed - always read the instructions.

Buying Real Chemicals

For more information, SMS 'CHEMICALS' to 30606

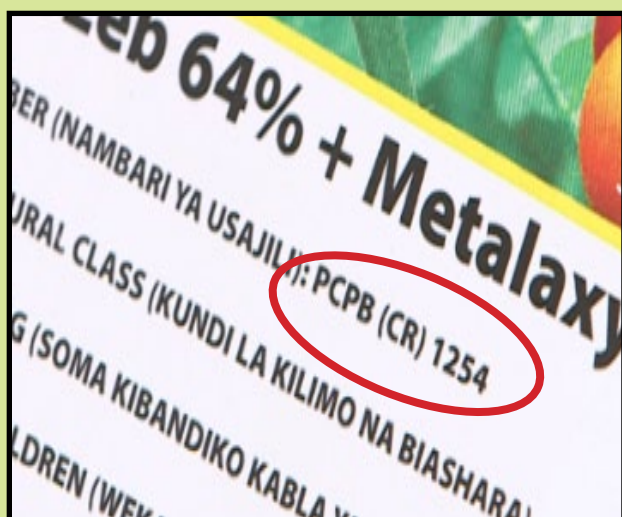
Always buy good chemicals. Fake chemicals are not registered and might not work at all. They can poison you, hurt your crops/animals and the environment. Only accredited agro-dealers sell real products.

Quality Products Have Labels That:

- Are written in both English and Kiswahili.
- Are coloured and like other bottles of the same product
- Have a Pest Control Product (P.C.P.) number like P.C.P.B (CR) 1254.

To Get Real Products:

- Buy from well-known agro-dealers, who sell good quality products.
- The container must be sealed and not broken
- Always get a receipt. If you have a problem with the chemical, it is easy to follow it back.
- Ask for a Pest Control Products License before buying chemicals at an agro-dealer.



Real products have a P.C.P. number



Buy from a shop with a pest control certificate like this

Produced by Mediae



Watch us on Citizen TV on:
Saturday 1.30pm (English)
Sunday 1.30pm (Kiswahili)

For another leaflet
or more information,
SMS 30606



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