



Series 5, Episode 7

Dorothy's farm, Matasia, KENYA

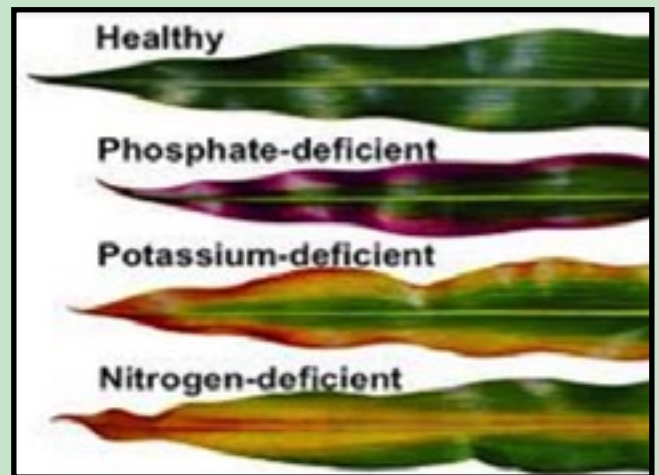
This leaflet contains information on: soil testing, growing cabbages, Coccidiosis in chickens, feeding broilers, keeping farm records, pregnant cows, supplements, pesticides & safe use of chemicals

Soil Testing

Doing A Soil Test Will Tell You:

- Which nutrients are low in your farm and which are high:
 - Low Nitrogen will make your crops short and yellow
 - Low Potassium will stop the crop making fruits/cobs
 - Low Phosphate will make the leaves purple and the roots short
- The type and amounts of fertilisers to use
- The crops that grow best in your shamba
- The crop rotation program to follow

For more information, SMS 'SOIL' to 30606



How To Do A Soil Test:

Dig top soil and sub soil from 20 different points in your shamba, mix them together and then write your name, #location, size of your farm and the crop you want to grow. Send a sample to labs like SoilCares.

SMS your name & county to 20727 to find out when SoilCares will be in your area!
eg. Katharine Gichinga, #Nairobi, 3 acres, MAIZE.



Plant cabbage seedlings 30cm apart

Get A Better Cabbage Harvest:

- Dig the soil to a fine tilth
- Mix well decomposed manure with the soil
- Make rows 30cm apart
- Make holes 30cm apart in each row
- Add 10g/one bottle cap of planting fertiliser to every planting hole
- Mix fertiliser with the manure and the soil
- Plant one seedling per hole
- Water the seedlings
- Weeds after 3 - 4 weeks then top-dress with UREA/CAN.

Coccidiosis In Chickens

For more information, SMS 'CHICKENS' to 30606

Coccidiosis is a disease in dirty chicken houses. The signs are red diarrhoea and the birds die.

To stop Coccidiosis:

1. Have good air flow in your chicken house - put 4 feet of wire mesh on the north and south sides of the house to let in fresh air. When there is not enough air, the chickens get stressed

You will know the birds are stressed when they:

- Do not feed well
- Find it hard to breathe
- Are lazy and crowded at the door
- Have a rough coat

2. Clean and disinfect the chicken house every week. Remove cobwebs and dust then disinfect. Use Ultraxide from Ultravetis.



A dusty roof will spread disease



Red diarrhoea is a sign of Coccidiosis



Chickens huddling by a door or window need more clean air

Keep Good Records For Chickens

It is easy to track the profits and plan your farm, if you keep records. Records will help you see if you are making a profit or a loss. Each enterprise should have its own records. For chickens, record their activity and how much it costs:

Keep Records of Spending

Week 1		
Inputs	Cost per Unit in Ksh/-	Total Cost in Ksh/-
100 chicks	60	6,000
200kg of feed	3,000	12,000
vaccines	200	600
	Total	18,600

Feed Broilers For Fast Growth

Age of broilers in weeks	Feeds Needed
0 - 21 days (3 weeks)	Fugo Broiler Starter Crumbs
21 days - 6 weeks	Fugo Fast-Gro Finisher Mash

Keep A Healthy Dairy Cow

For more information, SMS 'COWS' to 30606

A healthy cow means more milk and more money.

Do not feed sukuma to cows, because it will get kale poisoning and the animal will not grow well or give enough milk. Always feed your dairy cow with a balanced diet, which has dry feeds, fodder and supplements.

Caring For A Pregnant Cow

For a healthy pregnant cow and new calf:

Dry off

Stop milking the cow 7 months after being served (2 months before calving down), which:

- Helps the cow to prepare itself to calve down
- Helps in udder development
- Helps the cow produce more milk after birth
- Helps the cow give birth to a strong and healthy calf.



Steam up!

Increase the quality and amount of feed and supplements.

Give mineral supplements

Maclik Plus - heifers and pregnant cows. Give 7 teaspoons per day (4 in the morning & 3 in the evening) of Maclik Plus from Coopers for:

- Good body maintenance of the cow
- Fast growth of the calf
- Easy calving

Maclik Super - milking cows.

For cows giving less than 5 litres/5kg of milk, give 8 teaspoons (tsp) per day of Maclik Super from Coopers.

- Add 6 tsp of Maclik Super for any extra 5 litres produced- if you get 15 litres of milk, give 8 tsp + 6 tsp + 6 tsp = 20 tsp of Maclik Super.

Give Protein Supplements

If a cow does not have enough protein it will not calve down easily (dystocia), get milk fever and not be able to stand. Give your cow:

- 200g (1 glass) of Kupakula Gold every day
- 2 kg of Dairy Meal for every 1 ½ litres of milk you get - if your cow gives 15 litres of milk, give 10 kgs of dairy meal every day.

How Much Protein Supplement?

- For 5 litres of milk or less you get: give 1 glass of protein supplement every day.
- Every extra 5 litres add another glass/200g of protein supplement every day.
- So, if your cow gives 15 litres of milk, give 1 glass + 1 glass + 1 glass = 3 glasses per day



Fake And Real Pesticides

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:

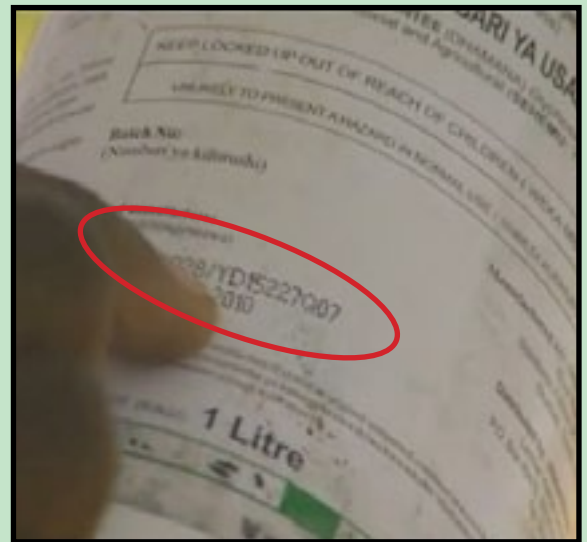
- Have a pest control product (P.C.P.) number like PCPB (CR) 0323
- Are written in both English and Kiswahili
- Are coloured and the same as other bottles/packets of the same product.

Chemical Safety

- Always get a receipt when buying. If you have a problem, it will be easy to follow it back.
- Ask for a pest control products license before buying chemicals.
- Buy from well-known agro-dealers, who sell good chemicals.
- Ask for the accreditation identity cards from the sellers or an accreditation certificate from the shop.
- Check on the lid and seal of the product and make sure it is secure.
- The container must always be sealed and not broken.
- Check for the batch number.
- Check the expiry date.
- Make sure that there is a security mark on the product.
- Take note of the price - a fake product is usually cheaper.



Ask for the accreditation certificate before buying



Check for the batch number before buying

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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