



Series 6, Episode 2

Joel's Farm, Mt. Meru, TANZANIA

This leaflet contains information on: seed dressing, layer chickens, vaccinating cows for ECF and farmers' groups

If undelivered, please return to The Mediae Company, PO Box 215-00502, Karen.

Seed dressing

For more information, SMS "FERTILISER" to 30606

Gro-Plus is a fertiliser you mix with seeds before planting. It gives seeds a strong start and makes roots grow stronger and faster. Harvests are bigger, and there are less diseases.



If you use a seed dressing like Gro-Plus, you can use 10% less fertiliser.

Use **Gro-Plus** on many different crops like: Maize, Beans, Potatoes, Wheat, Millet, Sorghum, Tomatoes, Kale, Melon, Butternut, Carrots, Onions and Peas.



Real IPM products are available

- in an agrovet near you
- from their website www.realipm.com
- or call Real IPM on 0725-806086 to order.

Products are available for different pests and diseases.

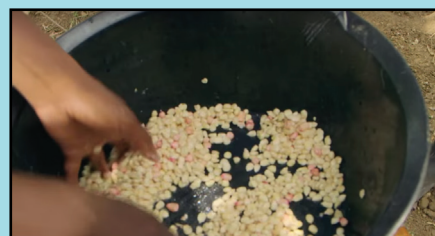
Treat Maize seeds with Gro-Plus



1. Put seeds in a tin or bowl. Add a little water to make seeds wet.



2. Sprinkle on Gro-Plus powder. Use a 50g packet of Gro-Plus for 2kg maize seeds.



3. Mix powder with seeds. Make sure every seed is coated and feels sticky.



4. Spread seeds on a clean sack. Make sure seeds are not on top of each other.

5. Leave seeds to dry in the shade. This will take about 10 mins.

6. Plant seeds when they are dry.

TIP

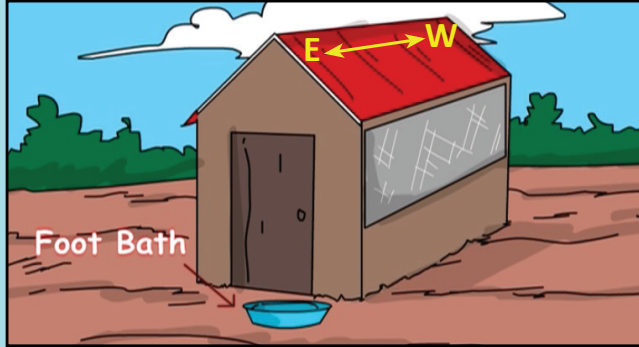
If you are using seeds that you have stored from your farm, soak seeds overnight for 12 hours before you add Gro-Plus.

Make money from Layer Chickens

Eggs make good money. Healthy chickens give more eggs. Healthy chickens need a good clean house, space, water, and the right food.

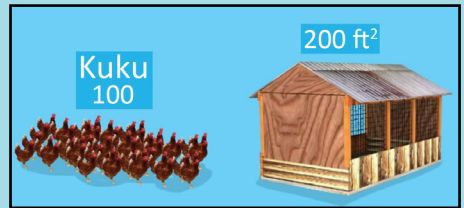
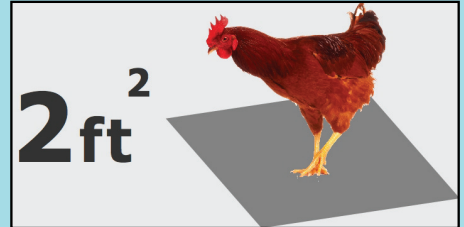
A good house also keeps out cats, rats and snakes. They eat your chickens and bring diseases.

Build a good chicken house



A footbath with disinfectant kills diseases on your feet.

Dip your feet in the footbath before you enter the chicken house.



Make your chicken house big enough.

Each **LAYER** needs 2ft² of space.

Build the house from east to west.

This stops strong winds and hot sun coming into your house.

Make the house at least 8ft tall.

The longer sides should have walls 3ft high.

Cover the gaps with wire mesh so air can move.

Always keep the roof, walls and windows clean.

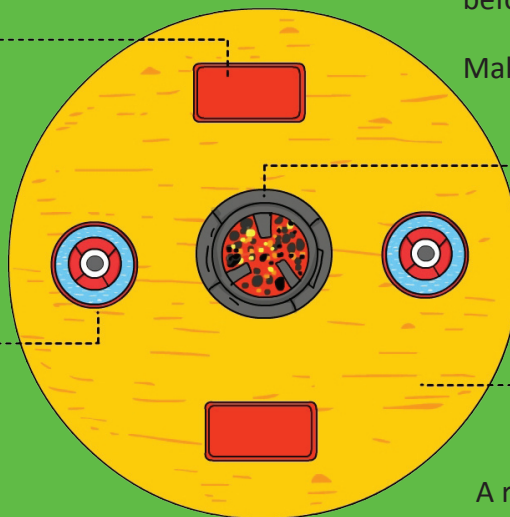
Dust and cobwebs hold diseases like Newcastle and Coccidiosis, which can kill your chickens.

For more information, SMS "CHICKEN" to 30606

Build a brooding pen for chicks

You need 1 feeder for 50 birds. No bird should walk more than 1.5m to food or water.

You need 1 drinker for 50 birds. You can add glucose, vitamins and liquid paraffin. These help to keep your chicks healthy. Follow instructions on the label.



Get the brooding pen ready 24 hours before chicks arrive.

Make the pen larger as chicks grow.

A jiko 1ft high will keep chicks warm. Light the jiko 6 hours before chicks arrive. Heat the pen for the first 21 days.

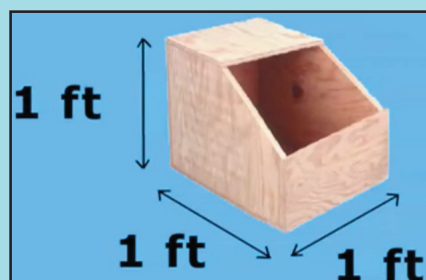
Wood shavings keep chicks dry.

A round pen will stop chicks getting trapped in corners.

Laying Boxes

Put laying boxes at the dark end of the house.

1 laying box is enough for 5 chickens.



Feeding Layers

0-8 weeks: **Fugo Fast-Gro Chick & Duckling Mash**

9-18 weeks: **Fugo Growers Mash**

After 18 weeks: **Fugo Layer Compleat Meal**

Change feed slowly – mix the feeds for 2 days while changing.

For more information, SMS "CHICKEN" to 30606

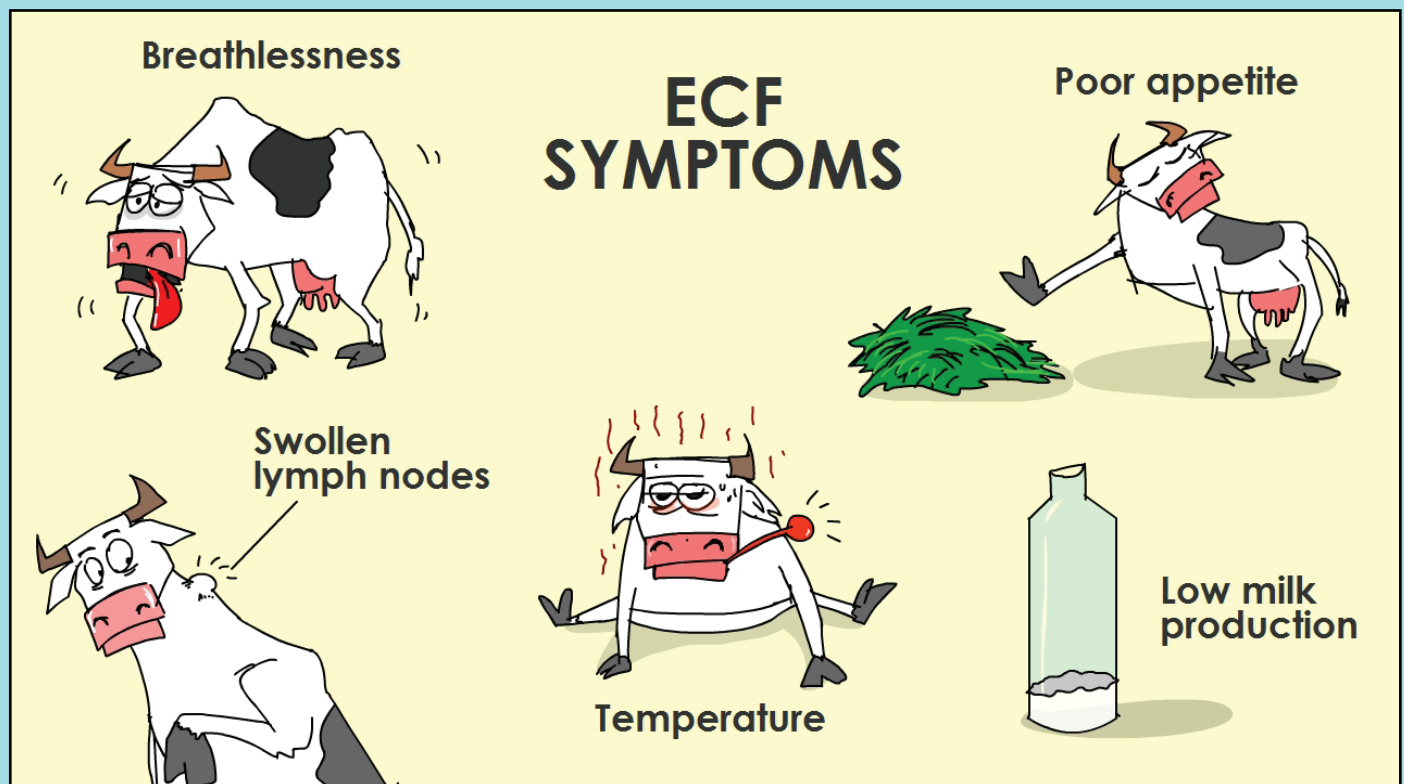
East Coast Fever (ECF) in Cows

Brown Ear Ticks give ECF to cattle. Your cow will get sick 8-14 days after it has been bitten.

If your cow gets ECF, it costs a lot of money to make it better or it can die. Dairy cows will never give as much milk.

Vaccinate your cows to stop ECF. Spray your cows every week and remember to spray the ears.

Ticks like the ears, the belly and under the tail of your cow



Vaccinate against ECF

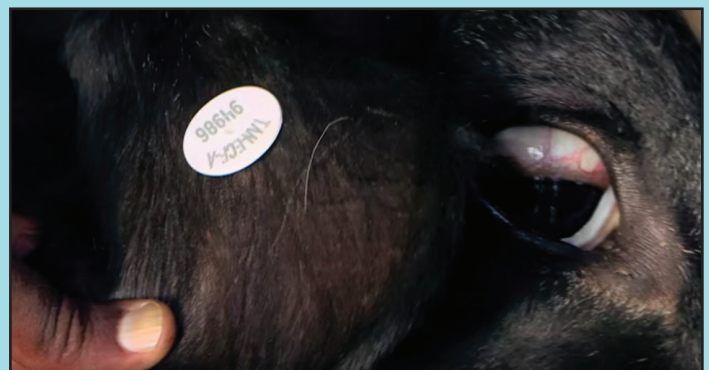
The ECF vaccine can only be done by a vet. Your animals must be:

- Older than 3 weeks
- Healthy
- Not pregnant.

The vet will weigh your cow, check its health, de-worm it and give it antibiotics before it gives the vaccine.

1 dose is for 40 cows. If you have less than 40 cows, form a group with your neighbours and vaccinate at the same time. The vaccine costs 40,000 KSh. If there are 40 cows, it is 1,000 Ksh for each cow.

Each cow needs to be vaccinated only once in its life.



The vet will put an ear tag on your cow when it has been vaccinated. This will show others that your cow will not get ECF. You will get a better price at market.

For more information, SMS "COW" to 30606

Make money with vegetables for export

Join an exporters' grower group to make more money from your shamba, and grow vegetables for export like French beans, Mange Tout or Baby Corn.

- Exporter grower groups get inputs for good prices.
- The buyer will train you and might also spray your crops for you.
- The group will plan which farmer should grow which crop and when they should start, so that the group always has something to sell to the buyer.

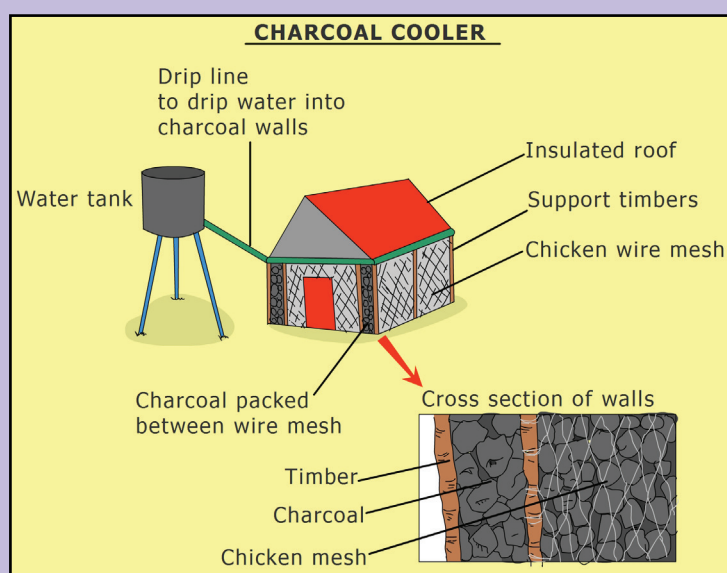


Plan with your Farmers' Group and the Buyer which crops to grow. Grow crops with a good market price.

Export vegetables are a lot of work

You can make good money if you grow for export, but there are a lot of rules. The product has to be exactly what the buyer wants and you cannot use a lot of chemicals. If you do not deliver exactly what the buyer wants, you will lose the contract.

A lot of vegetables for export ruin easily – you need to pick the right quality and then store the crop properly. For French Beans, grade to make sure the beans match what the buyer wants. Then store the beans in clean crates. Store the crates in a cold store or charcoal cooler until they are collected.



A charcoal cooler is easy to build and cheap to maintain.

For more information, SMS "POSTHARVEST" to 30606

Use less chemicals

Sticky Traps from Real IPM stop pests without using chemicals.

Blue for Thrips

Yellow for Whiteflies and Aphids



Use crates to keep quality good

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



www.plantraisers.com
+254 700 723 220
+254 735 752 687



info@galvmed.org
+254 715 831 853



africa@soilcares.com
+254 782 970 136



info@realipm.com
+254 717 741 717
+254 725 806 086



Alama ya Ubora
information@unga.com
+254 20 697 8000



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caroline.munyao@khs.co.ke
+254 730 000 704



kassim.owino@agriseed.co.ke
+254 702 934 938



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Food and Agriculture
Organization of the
United Nations



info@dlightdesign.com
+254 20 210 6793



SMS: 70555



info@mea.co.ke
+254 724 253 312



info@coopers.co.ke
+254 20 420 6000



marketing@oshochem.com
+254 711 045 000
+254 732 167 000,
SMS: 20560



info@kenchic.com
+254 722 202 163
+254 734 600 204

