



Series 5, Episode 6

Ndetaniswa's farm, Meru, TANZANIA

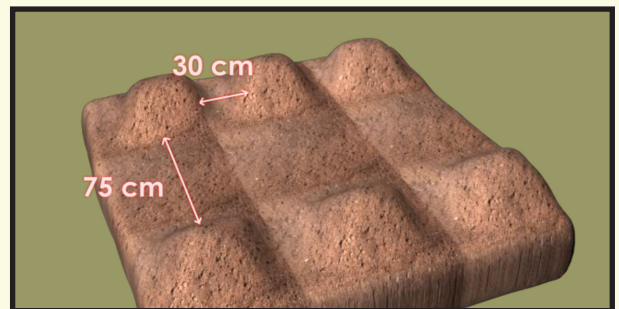
This leaflet contains information on: record keeping, soil testing, chicken farming, sweet potatoes and solar lights

Plant OFSP For A Healthy Family

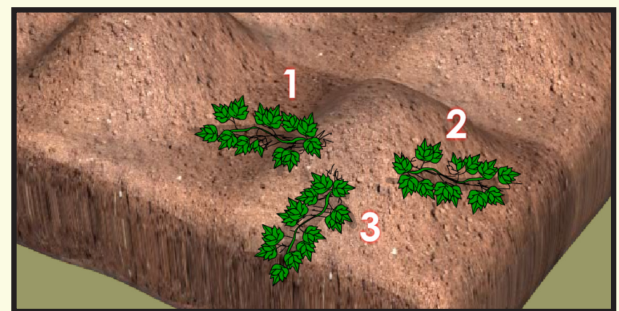
Orange Flesh Sweet Potato (OFSP) is a good food crop for a healthy family. They are very rich in vitamins and minerals. Follow these steps to get a good harvest:

1. Dig your shamba to a fine tilth.
2. Choose good, mature and healthy sweet potato vines.
3. Make cuttings 30cm long- make sure they have at least 3 nodes.
4. Mix compost and manure with the soil.
5. To plant in mounds, make mounds 30cm high, and 30cm apart, in rows 75cm apart.
6. Plant 2/3 of the cutting in the soil- plant 3 cuttings per mound.
7. Weed every week.
8. Fill the cracks in the mounds as the plant grows, this will stop weevils from damaging the crop.
9. Harvest after 3 - 4 months.

For more information, SMS 'OFSP' to 30606



Make mounds with 75cm between rows and 30cm between mounds

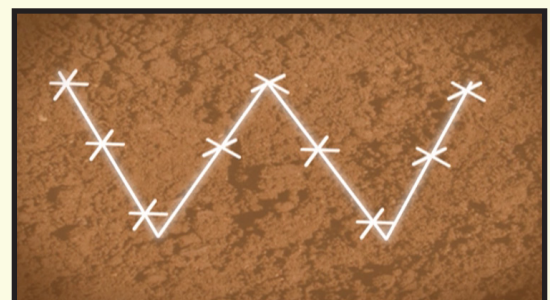


Plant 3 cuttings in each mound in a triangle pattern

Soil Testing

Do a soil test to know the kind of fertiliser to use and which crops to grow. Use the right fertiliser to get a bigger harvest. To get a good soil sample:

1. First dig a hole 1 foot deep in your shamba.
2. Use a panga to take a handful of soil from the side of the hole.
3. Put the soil in a bag.
4. Using a zigzag method, repeat the above steps in 20 other places where you plant your crops.
5. Mix all the soil together.
6. Take a handful and put it in a sample bag.
7. Label the bag with your name, phone number, size of the shamba and the crop you want to grow.
8. Send the sample to SoilCares for testing - call +254 728 970 136



Take soil samples from 20 places across your shamba where you want to plant

Keeping Financial Records

For more information, SMS 'FINANCES' to 30606

If you want to run your shamba like a business and make more money, record keeping is very important. You need:

1. Cash Book

Record all money out (expenditure) and money in (income) in the cash book.

Cash book					
Money in			Money out		
Date	Description	Amount	Date	Description	Amount
2/5/2015	2 Lt of milk	80/=	6/5/2015	Vaccination cost	2,000/=

2. Purchase Book

Record everything you buy. This may be using cash or credit e.g. 2/3/15. Fertilisers - 2000 ksh.

Purchase book			
Date	Description	Receipt	Amount
27/2/2015	Vaccination cost	1348	2,000/=

3. Sales Book

Record everything you sell from the farm and how much you have been paid.

Sales book			
Date	Description	Receipt	Amount
12/5/2015	2 Lt of milk	2546	80/=

4. Labour Records

Record information about your workers: name, payments, time worked and any comments.

Labour Records				
Name	Hours/ days worked	Money paid	Balance	Comments

Have You Made A Profit?

1. Add up all the money you have made (income)
2. Add up all the money you have spent (expenses)
3. Income minus expenses = PROFIT

eg: INCOME: eggs, meat, chicks = 25,400 Ksh/-
EXPENSES: chicks, vaccines, feed = 18,600 Ksh/-
PROFIT (income - expenses) = 6,800 Ksh/-

Why Keeping Records Is Good

- Helps you to know if you are making a profit or a loss.
- Helps you to know which business gives you more money.
- Helps you to show where you get your money and how you use it in your farm.
- Helps you to get a bank loan when they see your records at the bank.

Get More Money From Chicken Farming

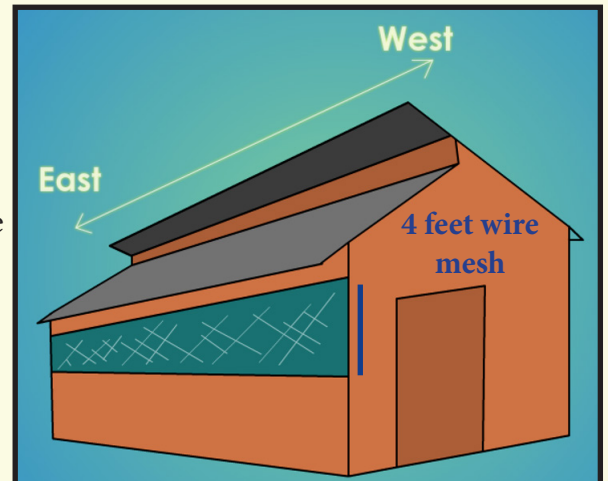
For more information, SMS
'CHICKENS' to 30606

Take good care of your chickens to stop pests and disease and make more money. For a better chicken business, you need:

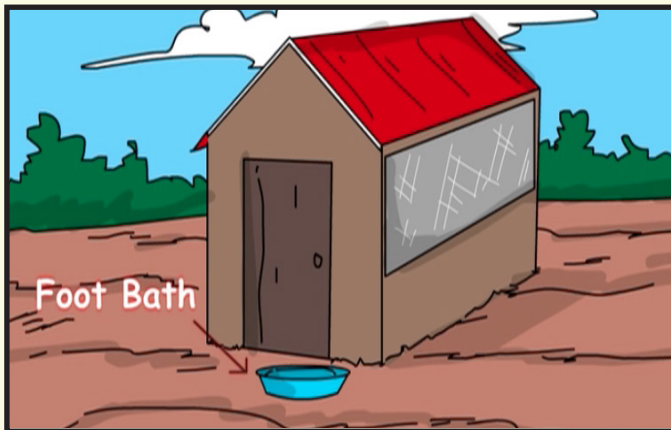
A Good Chicken House

Chickens need a good clean chicken house:

1. Away from animals and paths where people walk. Make sure the walls do not have holes which can let rats in.
2. With enough space. A broiler needs 1 foot square, a layer needs 2 feet square of space.
3. With fresh air. Put 4 feet of wire mesh on the north and south sides of the house to let fresh air in.
4. With a clean and dry floor with 3- 4 inches of dry wood shavings.
5. With enough feeders and drinkers. You need 1 drinker for 50 chickens and 1 feeder for 30 chickens - if you have 150 chickens, you need 3 drinkers and 5 feeders.



Make sure the house has 4 feet wire mesh on the North and South sides



Biosecurity

1. Stop wild birds and rats from coming close to the chickens to stop diseases spreading- use good wire mesh
2. Have a foot bath with disinfectant at the door and step into the footbath every time you go in
3. Clean and disinfect the chicken house before new chicks arrive.

Vitamin Supplements For Healthy Chickens

Give Amilyte to boost your chicken's health. You will get healthier chickens.

- Makes chickens stronger.
- Stops stress in chickens. Give Amilyte when you change feed or the house or the weather changes.
- Makes chickens grow faster.
- Makes chickens start laying eggs sooner. More eggs means more money.

To use Amilyte:

1. Mix 1 spoonful of Amilyte with 10 litres of water for 200 chicks when they are one day to 7 days old, when you change feeds or when the weather changes. (One chick needs 50ml of water mixed with vitamins. 200 chickens need 10,000ml or 10 litres). This reduces stress and makes the birds more comfortable.
2. To get more eggs use 1 spoonful of Amilyte in 20 litres of water for 40 – 50 laying chickens
3. Always give Amilyte in clean drinkers.



Amilyte is a good supplement for chickens

Newcastle Disease (NCD) In Chickens

For more information, SMS 'NCD' to 30606

Newcastle Disease is a virus and cannot be cured.

Symptoms of NCD

1. Birds are not eating
2. Birds are sleepy
3. Birds find it difficult to breathe
4. Greenish diarrhoea
5. Twisted neck and legs
6. Death of many birds together



Twisted neck and legs is a sign of NCD

Vaccinating Your Chickens

Vaccinate when chickens are 14 days old and then every 3 months. There is a new Newcastle vaccine which does not need to be kept cold - KukuStar in Uganda, Avivax in Kenya and Temevac in Tanzania.

To vaccinate:

- Hold the chicken by the beak and wings
- Put a drop in one eye or nostril of the chicken
- Wait for the bird to blink or breathe in the vaccine.



Put a drop of the vaccine inside the eye or nostril

Solar Light

Kerosene is very expensive and is bad for your health. A solar light gives you good quality light for free.

A D20 Solar System from d.Light has a solar panel, mobile-charging battery pack, two solar lights, two light switches, and a portable lantern. It gives you light for 8 hours and you can charge your mobile phone.

This is a good system to use to light the whole house!



For more information, SMS DLIGHT' to 30606

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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