



Series 8, Episode 15

Riungu's Farm, Nakuru, KENYA

This leaflet contains information on: increasing milk yield, storing maize, dairy feed, Mahindra Scorpio pick-up

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

For more information, SMS "MAIZE" to 30606

Storing Maize

Good maize storage starts at harvest. Harvest your maize into a clean bucket. Do not put the maize on the ground. It will get dirty.

Dry maize cobs after harvest on a tarpaulin. The cobs should not be dried in direct contact with the soil. Before shelling, remove cobs damaged by insects or mould.

Remove grains from cobs with a **sheller**. A sheller will help reduce damage to the grains.



Store maize in hermetic bags

Hermetic bags have 3 layers. The inner layer is tied first, then the middle, then the outer. The bags are air-tight. This means that pests cannot get in and eat your grain. Any pests inside will die from lack of air. You do not need to dust your maize for pests.

INNER



The inner layer is made of plastic. Make sure you tie it tight and get out as much air as you can.

MIDDLE

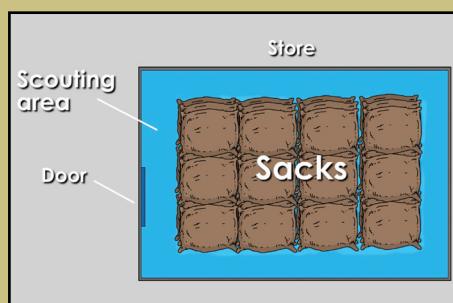


The middle layer is also plastic. It provides extra protection to your maize.

OUTER



The outer layer is a sack. This helps to protect the maize in storage.



Store maize on raised pallets

Pallets keep the maize off the floor. This gives good airflow for the sacks. It also avoids damp from the floor.

Keep the sacks away from the walls so that you have a 'scouting area' around your maize. This makes it easier to see signs of pests such as rats.

Dairy feeds

All cows need a varied and balanced diet. It must contain protein, fibre, vitamins and minerals. If your cow has a good diet, it will give more milk and be more fertile.

Cows need clean water every day. If you have a good cowshed with a mabati roof, collect rainwater to give to your cows.

Give your cow supplements to improve milk yield and fertility. Divide your cows into groups for targeted feeding.



1. Calves and high-yielding cows



The best temperature for water is 35°C. Put a bucket of water in the sun to warm up before pouring it into the trough.

You want your calves to gain at least 500g per day.

Calves and adult cows will eat more dry food if they drink a lot of water. Calves and cows do not like cold water. They will drink more water if it is warm.

Give your calves ½ teaspoon (3.5g) of **Diamond V** per day before weaning. After weaning, give your calf 1 teaspoon (7g) per day. Mix it into calf pellets. Diamond V helps digestion. The calf can better use the nutrients in the feed and grow well.



2. Lactating cows

This group is cows that have been milked for at least 3 months.



Mix Lucerne into the hay. Lucerne contains protein.

Maclik Super is a mineral supplement. It improves fertility and increases milk production. Give your cow 200g of **Maclik Super** per day. Mix it into dairy meal.

Feed your dairy cow 1 kg of dairy meal per day for every 2 litres of milk produced over 5 litres. For example, if your cow gives 7 litres, give 1kg of dairy meal. If it gives 9 litres, give 2kg of dairy meal.

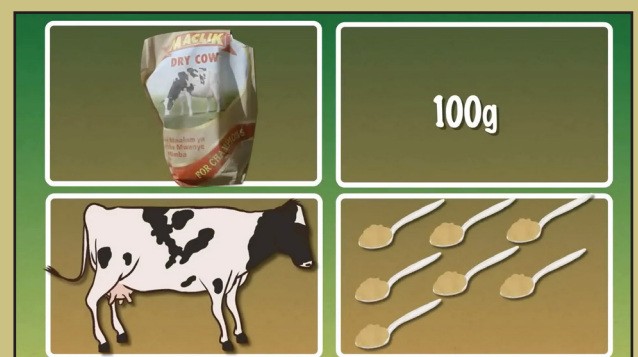


3. Dry cows and heifers above 6 months

Make sure that your cows have good quality forage.

Maclik Dry Cow is for cows from 2 months before calving. It reduces stress after calving down. It can reduce issues such as a retained placenta, milk fever, and problems with the udder.

Give your cow 100g of **Maclik Dry Cow** per day. Mix it into dairy meal.



Maclik Plus is given to heifers 6 months and older. It improves their health and prepares them for conception and milk production. Give each heifer 100g per day. Mix it into feed.

Increasing milk yield

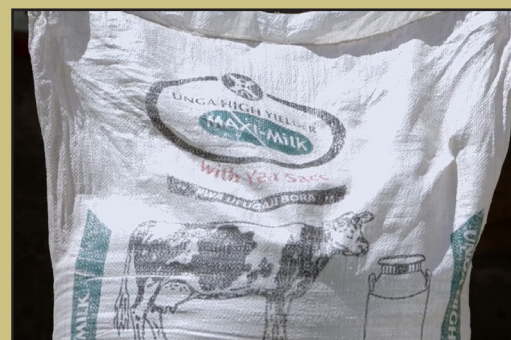
A high yielding cow gives you more than 15 litres of milk per day. This can increase to 30 litres per day if you give it **Unga High Yelder Maxi-Milk**.

Maxi-Milk contains a lot of protein and energy. It has added yeast to help digestion in the rumen. This increases the amount of protein that the cow can take up.

You should see an increase in milk yields after giving your cow **Maxi-Milk** in 7-14 days.

Give your cow 1 kg of **Maxi-Milk** for every 2.5 litres of milk that it gives over 15 litres.

So if your cow gives 20 litres of milk (so 5 litres above 15 litres) give your cow 2 kg of **Maxi-Milk** per day.



	x17½ L.	x 1 kg
	x20 L.	x 2 kg
	x22½ L.	x 3 kg
	x30 L.	x 4 kg

Give half of the **Maxi-Milk** in the morning, and half in the evening.

Stop increasing the amount when your cow stops increasing the amount of milk it gives.

Minerals

Afya Bora Maziwa Tele contains vitamins and minerals. The vitamins help to reduce stress in your cow. They also help to prevent **mastitis**. Mastitis is an infection. You cannot drink milk from a cow that has mastitis.



Maziwa Tele also contains Phosphorus and Calcium to increase milk production and fertility.

Give your cow 75g of **Maziwa Tele** for up to 10 litres of milk given by your cow per day. For every extra 5 litres of milk given, add 50g of **Maziwa Tele**.

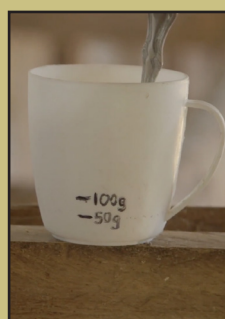
So, if your cow gives 20 litres of milk, give it 175g of **Maziwa Tele** per day.

Using a measuring cup

Weigh your feed supplement in a measuring cup. Mark on the side of the cup the level of the weight.

Next time, you will not need to weigh the feed. Just fill the cup to the level marked.

Different feeds have different weights. You will need a different cup for each feed.



Keep good records

By keeping records you can easily see how much milk your cow is giving you.

This will help you to change the amount of feed as milk yield goes up.

For more information, SMS "TRANSPORT" to 30606

Mahindra Scorpio Pick-up

The **Mahindra Scorpio** single cab pick-up can be used for both business and leisure.



The **Mahindra Scorpio** has a large pick-up bed. It can transport up to 25 cans of milk of 50 litres. Carry your own milk as well as milk from other farmers.

If transporting maize, the **Mahindra Scorpio** can carry 15-25 bags.



The **Mahindra Scorpio** is affordable. Buy on finance through your bank or SACCO.

Buy together with your neighbours and share the benefits. You could make money by hiring it out when you are not using it.



The **Mahindra Scorpio** has good suspension. It is very smooth and comfortable.



The car is a 4 wheel drive.



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



www.amirankenya.com
amiran@amirankenya.com
0800 720 720



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Alama ya Ubora
www.ungagroup.com
information@unga.com
+254 719 065 222



www.mavunofertilizers.com
info@mavunofertilizers.com
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talk2us@simbacorp.com
+254 703 046 000



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



www.azuri-technologies.com
customer@azuri-technologies.com
+254 796 536 063
SMS: 22213



SMS: 70555
bizdev@geopoll.com



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support@cropnuts.com
+254 790 499 190



www.villageindustrialpower.com
info@villageindustrialpower.com
+254 746 607 199
+254 701 257 233



www.oshochem.com
marketing@oshochem.com
+254 711 045 000
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