



FOOD SECURITY AND AGRICULTURE CLUSTER

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MALFFB KEY MESSAGES FOR TROPICAL CYCLONE

FORESTRY CYCLONE SEASON KEY MESSAGES

Before a Tropical cyclone event.

In the emergency case of an oncoming tropical cyclone;

- I. Remove shed cloths and covers of the seed nursery.
- II. Place the seedlings on the ground and cover them with a heavy covering of timber.
- III. If the parts of nursery structure is weak, remove it and replace with stronger ones.
- IV. Collect all the ripe seeds, fruits and nuts.
- V. Clean collected seeds and store them in a cool dry place.
- VI. Store the seed in a sealed container away from contact with water.

After a tropical cyclone event.

- I. Reforest fallen trees especially around watersheds.
- II. Collect and store wildings.
- III. Carry out salvage logging for fallen trees.

FISHERIES CYCLONE SEASON KEY MESSAGES

Before a Tropical cyclone event.

- I. Locate good storage facilities for fishing equipment.
- II. Allocate sheltered places for boats and canoes.
- III. Make sure you have access to other sources of protein such as chicken, peanut, pig.
- IV. If you have back yard pond for tilapia or prawns make sure it is well protected ask fisheries department for advice.
- V. Listen to the radio and collect information on storm surge and storm tides forecast.

After a Tropical cyclone event.

- I. Keep listening to radio for weather updates on the tides and storm surge forecasts.
- II. Always eat fresh clean fish. Fish is a rich protein source for a healthy diet.
- III. When harvesting fish and shellfish, take care not to overfish. Invest in the future generation through sustainable fishing.
- IV. When you have fish make sure to clean it well before consumption. Remove the gills and gut and make sure it is well cooked. Do not eat half cooked fish or shellfish.
- V. Preserve fish using local ways of preservation because it is cheap and retains nutritional value of the fish and shellfish much better than a freezer does.



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- VI. Do not eat fish in your area that might be known to cause ciguatera. If you have ciguatera from eating fish, immediately contact the nearest health centre and fisheries department.
- VII. If you have a back yard fish farm for tilapia, make sure it is well built and ask the fisheries department to supply you with young tilapia to grow. If you want to build a new fish farm for tilapia, contact the fisheries department for advice.

AGRICULTURE CYCLONE SEASON KEY MESSAGES

Before a Tropical Cyclone event.

In the emergency case of an oncoming tropical cyclone

Farm Houses

- I. Cut off tree branches close to farm houses that could damage it.
- II. Remove old farm houses that we do not need.
- III. Reinforce the roofing of the farm house with nails or a rope.
- IV. Bar the windows of the farm house with iron roofing or timber.

Gardens

- I. Remove leafs from bananas
- II. Prune island cabbages.
- III. Trim the top of the cassava plants.
- IV. Harvest the bananas that are ready for harvest.
- V. Harvest water Taro that might be washed away by water.
- VI. Harvest enough food and store them at home.

Fruit Trees

- I. Harvest the fruits that are ready and those that are almost ready and store them at home.
- II. Keep the seeds to replant again.
- III. Remove tree branches that might be broken by strong winds.

After a Tropical Cyclone event.

Farm Houses

- I. Fix farm houses destroyed by the winds.
- II. Nail on proper roofing to damaged ones.

Gardens

- I. Dig up cassava that have been destroyed by winds.
- II. If there is too many cassava that have been dug up, dig a hole to store the extra cassava in.
- III. Harvest other food crops that still god and store them at home.
- IV. Replant island cabbage branches that have been broken.
- V. Replant the kava stems that have been broken.
- VI. Prepare banana plantings for replanting again.
- VII. Replant sweet potato stems.



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Fruit Trees

- I. Prune the branches of trees that have been broken.

LIVESTOCK CYCLONE SEASON KEY MESSAGES

When preparing for a cyclone, to protect your animals:

- Move them away from low-lying areas near rivers or creek beds as these can rapidly over flow and drown or carry away your animals.
- Bring them into secure shelters or paddocks with tree shelter to protect them from wind, rain and flying debris.
- Store water and feed in water proof containers (e.g. plastic drums) or under tarpaulins to prevent spoilage. Having a high reserve of feed and water increases the chances of survival.
- Once the cyclone has passed, visit your animals as soon as possible to assess recovery needs for their welfare.

BIO-SECURITY CYCLONE SEASON KEY MESSAGES

Before cyclone:

To protect your crops from pest's damage:

- Avoid planting crops in areas where there is possibilities of water logging; plants fungal and bacterial disease can occur through water logging
- If your crops are already affected by diseases, remove them and burn them; this to reduce the spread of plant diseases during rainy and cyclones season.
- Practise intercropping system; do not plant only one crop in your garden, plants lots of kinds of crops to reduce insect pest's damages on crops.

After the cyclone

Insect pests will just eat vegetables and other crops for their survival, therefore

- Intercrop you vegetables crops with other crops to minimise the damage of insect pests
- Remove the damaged crops and do not re-plant on the same crops on where you removed the plants; the risk of the soil being contaminated by fungal and bacterial diseases is high.
- Use clean planting material to replant; do not use the planting materials that show signs of plant diseases
- Apply traditional organic pesticides to prevent emerging pests that may affect your crops.
- In vegetable nurseries, protect the seedling from caterpillars by covering the seedling with nets (old mosquito nets)



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- If an insect or a disease that you had never seen before is emerging and badly affecting your crops you must report it to Agriculture extension Officer or Biosecurity Office on telephone 23 519.