Produce Organic Concoctions and Extracts
Fish Amino Acid (FAA) or Kuhol Amino Acid (KAA)
Natural Source of Nitrogen and Micronutrients

MATERIALS
1 KILO FISH
1 KILO MOLLASES
• Preparation of supplies and materials
• Weighing of fish
• Washing, chopping/cutting of fish (3-4 cut/ pc)
• Mixing (1 kg. of fish + 1kg. of molasses
• Mix all fish trash, gills and entrails in plastic pail and add molasses using a wooden ladle
• Put nylon screen on top of the mixture
• Put 5-8 pcs of stones on top of the nylon screen
• Wipe the mouth of the container
• Cover with two layer of manila paper and tie with rubber band
• Label and keep in dark cool room for 15 days
• Filter the liquid and keep in plastic container (do not close the cap tightly)
• Completely close the cap after the week or when there are no bubbles going up.
Expiry: 6 months
Dosage: 2 tbsp. of FAA mix with 1 liter of water

Application:

**Animals**
Mix it with drinking water at the dosage of 2:1 ratio, two times a week
It can also be mixed with the feeds at the same frequency

**Plants**
Prepare the same dosage and spray to the plants base and nearby soil 1-2 times a week
Fermented Plant Juice (FPJ)

Natural Growth Enhancer

Materials:

1 kg. kangkong
1 kg. camote tops
1 kg. banana trunk
1.5 kg. molasses
**PROCESS FLOW**

- Clean and wash plant materials and Drain for 5 minutes
- Slice and cut to an inch size
- Mix all plant materials thoroughly in plastic pail and add molasses using a wooden ladle
- Put nylon screen on top of the mixture
- Put 5-8 pcs of stones on top of the nylon screen
- Wipe the mouth of the container
- Cover with two layer of manila paper and tie with rubber band

- write markings on the masking tape (name and date of fermentation) and keep in dark cool room for 7 days

- Filter the liquid and keep in plastic container (do not close the cap tightly)

- Completely close the cap after the week or when there are no bubbles going up.
Expiry: 6 months
Dosage: 2 tbsp. of FPJ mix with 1 liter of water
Application:

**Animals**
Mix it with drinking water at the dosage of 2:1 ratio, two times a week

**Plants**
Prepare the same dosage and spray to the plants base and nearby soil 1-2 times a week
Fermented Fruit Juice (FFJ)  
**Natural Taste Enhancer**

Materials: RIPED FRUITS OF THE FOLLOWING:

- 1 kg. banana
- 1 kg. papaya
- 1 kg. kalabasa
- 3 kg. molasses
PROCESS FLOW

• Clean and wash fruits and drain for 5 minutes
  Slice and cut to an inch size
  Mix all fruits thoroughly in plastic pail and put the 3 kg. molasses and mix thoroughly using a wooden ladle
  Put nylon screen and on top of the mixture
• Put 5-8 pcs of stones on top of the nylon screen
  Wipe the mouth of the container
  Cover with two layer of manila paper and tie with rubber band and label
  Write markings on the masking tape (name and date of fermentation) and keep in dark cool room for 7 days
  Filter the liquid and keep in plastic container (do not close the cap tightly)
  Completely close the cap after the week or when there are no bubbles going up.
Expiry: 6 months
Dosage: 2 tbsp. of FFJ mix with 1 liter of water
Application:

**Animals**
Mix it with drinking water at the dosage of 2:1 ratio, two times a week
It can also be mixed with the feeds at same frequency

**Plants**
Prepare the same dosage and spray to the plants base and nearby soil 1-2 times a week
Oriental Herbal Nutrients (OHN)

Natural Pesticides

Materials:

1 kg. garlic
1 kg. ginger
200 grms. Mascuvado sugar
2.2 liters pure coconut vinegar
• Skin the garlic and ginger
• Weighing and cut the garlic into halves and slice the ginger into quarter of an inch
• Mix the garlic and ginger in a container and add 200 grms muscovado
• Wipe the mouth of the plastic pail, cover with manila paper and tie with rubber band
• Mark the name and date of fermentation (First stage of fermentation – 3 days)
• Open the cover and add 2.2 liters of pure coco vinegar (1:1 solution 3 days after) cover and seal with rubber band or masking tape

• Label and ferment it for 10 days (first extraction)
• Filter the liquid and keep it in plastic container
• The concoction is ready to use for animals
• Add the extracted mixture same amount of vinegar and add sili, madre de cacao, hagonoy, lemongrass and ferment for 10 days (second extraction)
Expiry: 6 months
Dosage: 2 tbsp. of OHN mix with 1 liter of clean water
Application:

**Animals**

Use the first extraction only, mix it with drinking water at the dosage of 2:1 ratio, 1-3 times a week.
It can also be mixed with the feeds at same frequency.

**Plants**

Use the second extraction, prepare the same dosage and spray to the plants affected by insects 1-3 times a week. Stop application when there are no more insects present.
Indigenous Microorganisms (IMO)

Beneficial Microorganisms

Materials:

1 kg. Commercial rice
2 kg. Molasses
Wash rice properly and first rice wash maybe set aside to be used for LABS.

Cook the rice normally and let it cool naturally.

Transfer the cooked rice inside the bamboo through using the wooden ladle.

Cover with two layer manila paper and tie with rubber bond.

Wrap the bamboo pole with a clean plastic then, tie with rubber bands and keep it under the bamboo shade covered with dried leaves for 3-5 days.

Open the bamboo pole and collect white colored molds weigh and add molasses in equal weight.
• Put the mixture in the plastic container, wipe the mouth, cover with two-layered manila paper.

• Label and keep in dark cool room for 7 days
Filter the liquid and keep it in plastic container (do not close the cap tightly)

• Completely close the cap after a week or when there are no bubbles going up.
• Expiry: 6 months
• Dosage: 2 tbsp. of IMO mix with 1 liter of clean water
• Application:
  PLANTS
  • All stages of the crops
  • Animals
  • Mix with drinking water at the dosage of 2:1 ratio, 2 times a week
  • It can also be mixed with the feeds
• Fertilizer
  • 2tbsp with 1 liter of water
• Deodorize
  • Apply the dosage 2:1, 1-2 times a week
Lactic Acid Bacteria Serum (LABS)
It can convert waste into organic matter and basic minerals, good digestion for animals
Deodorizer

Materials:
900 ml. coms milk
100 ml. clear liquid fermented rice
1 liter molasses
• Use the first wash liquid from the cooked rice previously set aside
• Put the liquid in a transparent container, cover the container with manila paper and label

• Let it undergo the first stage of fermentation for 7 days.
• Use the 1 liter fresh milk pack and remove 100 ml (10%)
• Extract 100 ml from the fermented first wash liquid of the cooked rice and add to the fresh milk pack. Take the liquid between the bottom and top layer of the fermentation
• Return the cover of the pack, fix with masking tape and label
• Keep in dark cool room for 5 days
• Drain the liquid and filter by separating the sludge from the liquid and measure the liquid and add same amount of molasses
• The concoction is ready to use after extraction
• Expiry: 6 months
• Dosage: 2 tbsp. of LABs mix with 1 liter of clean water

**Application:**

**Animals**
• Mix with drinking water at the dosage of 2 tbsp. per liter of water
• It can also be mixed with the feeds at same frequency

**Fertilizer**
• 2 tbsp with 1 liter clean water apply to organic fertilizer mixture

**Deodorize**
• Apply the dosage above 1 to 2 times a week
Calphos
Natural calphos micronutrients flower inducer, prevent overgrowth

Materials:

1 kg. cow bones or egg shell
9 liters of pure coconut vinegar
PROCESS FLOW

- Clean and wash cow bones or egg shell properly
- Put the bones above fired charcoal
- Wait until the remaining fats are drained
- Removes the when it becomes brownish in color
- Cool it off for 10-20 minutes
- Wash again to remove excess oil (if necessary)
- Drain
• Put the bone inside the plastic pail (1 kg)
• Add 9 liters of pure coconut vinegar
• Wipe the mouth of the plastic pail
• Cover with two layered of manila paper and write the markings
• Tie with rubber band
• Open the container after 30 days of soaking, filter the liquid and keep it in another plastic container (do not close the cap tightly)
• The concoction is ready to use
• Expiry: 6 months
• Dosage: 2 tbsp. of calphos mix with 1 liter of clean water
• Application:

  **Animals**

• Mix it with drinking water at the dosage of 2:1 ration, 2-4 times a week.
• It can also be mixed with the feeds at same frequency

  **Plants**

• Prepare the same dosage and spray to the plants base 1-3 times a week
MARAMING SALAMAT PO SA PAKIKINIG