

Maple



EM Research
Organisation,
Japan

MAPLE EM-1 AQUAMAGIC

Dosage (1 acre pond, 6ft depth)

Day	Quantity (Activated EM-1 Aquamagic)
0	20 Ltr.
7 th	Storing of fish
14 th	20 Ltr.
28 th	20 Ltr.

After the first month, use activated EM-1 Aquamagic twice at the rate of 20 Lit./acre/ 6 ft. (height of water) every month. If needed, we may use Activated EM.1 Aquamagic in different rate through the proper & official permission. In the case of fish disease the recommendation may be changed.

- 1) In the case of transportation of fish, activated EM-1 Aquamagic is used at the rate of 1 ml. per 1 lit. of water for reduced mortality.
- 2) For better result use Animal Bokashi and EM-1 Aquamagic.

Precaution :

1. The container must be free from chemicals, pesticides and any kind of oil.
2. If activated EM-1 Aquamagic is prepared, then it should not extended.
3. At the time of AEM preparation some amount of gases may be formed. Due to this reason it should be prepared in plastic can.

In the case of high density prawn/shrimp culture the Maple Bokashi & activated EM used as described below:
Use AEM upto 3 months at the same rate of first month. Use Animal Bokashi at the rate of 10% - 25% with any kind of fish feed.



CAA : COASTAL AQUACULTURE AUTHORITY
Reg. NO. : CAA/Jy17/PRO/00888

Maple Orgtech (India) Ltd.

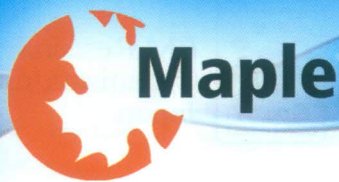
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Beneficial uses of EM-1 Aquamagic in Aquaculture

- 1) Maple EM-1 Aquamagic and Animal Bokashi are environment friendly input for aquaculture.
- 2) Maple EM-1 Aquamagic is certified by CAA as "Antibiotic residue free probiotic" for use in Aquaculture.
- 3) Maple EM-1 Aquamagic and Animal Bokashi reduces the cost for fish farming.
- 4) It keeps fish/prawn healthy & free from many diseases.
- 5) It reduces the quantity of sludge produced.
- 6) It helps the digestion of food for fish and improves FCR.
- 7) It keeps water favourable for aquatic ambiance & growth.
- 8) It suppresses Ammonia and Hydrogen Sulphide which are common in Aquaculture.
- 9) Maple EM-1 Aquamagic helps in suppressing Algal colonies from bodies of fish/prawn, thus giving better growth.
- 10) It increases the dissolved oxygen in water.
- 11) During fish transportation it reduces fish mortality.
- 12) Use of Maple EM-1 Aquamagic facilitates the culture of prawn without using Antibiotics.
- 13) Stabilize pH in the water system.

Activation & application of EM-1 Aquamagic

Activation process

Ingredients needed :

- Jerry can (Plastic) 20 litre capacity
- Water 18 litres (nonchlorinated)
- Molasses or jaggery 1 litre/kg.
- EM-1 Aquamagic 1 litre

1. Take 18 liters of chlorine less water in a 20 liter capacity plastic jerry can
2. Put 1 kg or 1 liter of Jaggery or Molasses (Chemical free)
3. Pour 1 liter Maple EM.1 into the can
4. Dissolve jaggery or Molasses with help of a clean stick & close it airtight
5. Keep the can for 5-10 days in dark place
6. Open the cap once in a day to release the formed gas

Athin layer will be formed over the surface in 5-10 days, which indicates the Activated EM (AEM) is ready to use

* Use the prepared Activated EM within 6 weeks for best results



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Pour molasses or jaggery along with EM-1 Aquamagic in the jerry can. Fill up half the jerry can with water. After fitting a cap, shake the Jerry can thoroughly to mix all the ingredients. There after fill the balance container with water to the top. Ensure no air gap is left inside the container. Seal the container firmly to ensure no air as let in. Store the container in ambient temperature away from direct sunlight. Every day, open the cap for few seconds to let off gas, which is formed during the fermentation period. At the end of the 7-10 days the product is ready when PH drops below 4.0.

