

Bio CURB[®] Dry

The Natural solution to curb Ammonia

ammonia in Aqua Ponds : Three major sources are identified for the production and accumulation of ammonia in the aquaculture ponds.

- Excretion from the fishes and shrimps
- Degradation of waste feed
- Degradation of dead plants and animals

Impacts of Ammonia : Due to heavy accumulation of ammonia shrimps and fishes are severely affected with following deleterious problems.

- Due to the variations in the osmotic pressure, shrimps and fishes behave lethargic.
- Unable to consume feed, which in turn affects the daily growth.
- Shrimps and fishes suffocate due to decrease in dissolved oxygen level in the pond.
- Intentional increase in respiration results in the damage of gills and reduces the ability of blood to transport oxygen.
- Continued exposure of shrimps and fishes to the sub-lethal concentration of ammonia results in the increased susceptibility to diseases.

Ideal way to control Ammonia : Regular usage of an appropriate ammonia binder with the ability of inhibiting the activity of urease enzyme, binding the preformed ammonia and neutralizing the bad flavor is proven to be adequate to overcome the ammonia problem.

***Yucca schidigera extract* :** Glyco fraction of the extracts from *Yucca schidigera* plant is found to be effective in binding the free ammonia from surrounding environment. The compound polyhydroxy stilbene, which performs the urease-inhibiting activity, is rich in the bark of *Yucca schidigera*. The use of *Yucca schidigera extract* in aqua farms has shown the excellent results towards the reduction of the ammonia level, improving the water quality and consequently the farm productivity.

BioCURB[®] DRY is a blend of organic molecules and *Yucca schidigera extract* which binds the preformed ammonia and arrest the further production of ammonia effectively by inhibiting the enzyme urease.

**EASY TO CONTROL AMMONIA
IMMEDIATE RELIEVE FROM STRESS**



Composition :

BioCURB[®] DRY Contains Extract of Plant *Yucca Schidigera*, Ammonia Binding Agents and Flavoring Agents.

Benefits :

Inhibits enzyme Urease
Blocks the further production of ammonia
Binds any preformed ammonia
Immediate relieve from the ammonia stress
Neutralizes off flavor of ammonia or others
Removes the irritating odor due to ammonia

Recommended usage :

BioCURB[®] DRY must be applied at a rate of 1 kg / Hectare (300 – 500 g / Acre) by thoroughly mixing it with sand and sprinkling water and broadcast evenly to the entire water spread area of the pond. Application can be repeated once in 15 days up to 90 days of culture and once in 10 days after 90 days of culture.

BioCURB[®] DRY can also be given to the shrimps and fishes by coating on top of the pellet feeds with the use of a quality pellet binder (TRUBIND) @ 5–10 gram / kg of feed in once in three days.

Presentation :

1 Kg HDPE Bottle.



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