

D3™

THE BEST FERTILIZER FOR PRIMARY PRODUCTION

Use D3 diatom promoter, the better fertilizer to increase primary productivity and stimulate diatoms rather than cyanobacteria and non-desirable algae.



- Create Live Food For Fish And Shrimp
- Increase Primary Productivity
- Reduce Dissolved Oxygen Fluctuation
 - Improve Biosecurity
 - Exclude Pathogenic Vibrio
 - Minimize Green Algae*

Using D3 diatom promoter at the beginning of growout creates an environment full of microorganisms that increase growth, survival, and pond biosecurity without the potential problems of green algae.

Diatoms are heterotrophic and autotrophic, NOT phototrophic. Diatoms increase primary productivity without compromising water quality like blue-green algae. Diatoms are a natural, high protein, high fat, easy to catch food source especially valuable for post larval shrimp.

FACT:

Leibig's law of the minimum states that growth is controlled not by the total amount of resources available, but by the scarcest resource.

Outcompete green algae and moderate daily oxygen fluctuation for more consistent oxygen levels and more stable water chemistry over all. Eliminate the problems associated with algae crash. Diatoms do not impact water quality when their cycle ends unlike green algae.

*FOR EXPORT ONLY

APPLICATION PROCEDURE:

Apply 1 kg of D3 & 25 kg of sodium metasilicate per hectare of water every week for three weeks at the beginning of each cycle. Best results achieved when applied as ponds are filled.

Reapply at 1kg D3 & 25 kg sodium metasilicate per hectare to boost diatom bloom as desired.

CONCENTRATION & COMPOSITION:

D3 is a scientifically formulated combination of essential nutrients and trace elements critical to diatom proliferation.

PRODUCT SPECIFICATIONS:

Appearance.....	Tan, Granular
Odor	Odorless
pH.....	8.5
Effective pH Range	5.8 to 10.5
Shelf Life.....	3 years
Effective Temp. Range.....	10° to 38°C (50° to 100°F)

Week	D3 per Hectare	Sodium metasilicate per Hectare
1	1 kg	25 kg
2	1 kg	25 kg
3	1 kg	25 kg

D3 IS USED FOR EXPORT ONLY



Diatoms are considered desirable in aquaculture ponds because they do not degrade water quality and are of good nutritional value to many aquaculture species and postlarval shrimp, in particular.

Applying D3 diatom promoter at the beginning of every cycle creates conditions for diatoms to flourish and become the dominant species inhibiting the growth of undesirable species and improving biosecurity in ponds.

Increase survival using D3 diatom promoter to offer a huge quantity of desirable and nutritious diatoms especially in ponds stocked directly with postlarval shrimp.

Exclude bad species like Microcystis and other blue-green algae by creating the perfect environment for diatoms to flourish.

This product contains specific compounds that accelerate diatom proliferation.

Apply 1 kg of D3 with 25 kg of Sodium Metasilicate per hectare of water every week for three weeks at the beginning of each cycle.

Water color change will be experienced due to diatom proliferation.



POOR WATER QUALITY

Heterotrophic organisms like diatoms are excellent primary producers that do not impact water quality like photoautotrophic (bluegreen and green algae) organisms.



IDEAL WATER QUALITY