



Essmin Plus[®]

(Minerals and amino acids for improved aquaculture)



ESSMIN PLUS[®] (Minerals and amino acids for improved aquaculture)

Essmin Plus[®] is a stable amalgamation of essential minerals and amino acids. Essmin Plus[®] is required for culture of fish and shrimp (*Litopenaeus vannamei*) at high stocking densities.

Their requirement is highly significant in maintaining shrimp health as deficiency of essential minerals, will cause harm to the cultured species. Intensively cultured species involves high stocking, which subsequently leads to higher uptake of minerals from water and through the feed. The demand increases as the culture progresses. Supplementing Essmin Plus[®] becomes an uncompromised scenario in captive farming.

Unique functions of Essmin Plus[®]

Essmin Plus[®] play a key role in development of exoskeleton, bones and scales in fishes, soft tissues, maintenance of osmotic pressure and acid-base balance, regulation of water and solute exchange, activates several key enzymes, maintain cell membrane permeability and uptake of nutrients, cell metabolism and detoxification through the feed.

Essmin Plus[®] when applied through the water provides nutrients to the water for bloom development and nourish the water which is required at high stocking densities (for fish / shrimp)

Key features

- ▶ Provides nutrients to the water, accordingly the development of optimal bloom in the pond
- ▶ Assemble the nutrient requirement of the cultured species
- ▶ Improves alkalinity
- ▶ Support biofloc development
- ▶ Controls white muscles
- ▶ Controls muscular cramps



Vision

TIL Biosciences envisages the need for creation of a stable environment through the usage of ecofriendly healthcare products that are free from antibiotics and steroids, to sustain animal life, food chain and ecology.



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Composition per 1000 gms

Calcium	-	300 gms
Magnesium	-	13 gms
Sulphur	-	10 gms
Zinc	-	9 gms
Potassium	-	9 gms
Iron	-	1.5 gms
Copper	-	1.25 gms
Manganese	-	596 mg
Lysine hydrochloride	-	19 gms
Excipient		q.s

Dosage

Regular usage : 5 - 10 gms / kg of feed

Treatment : 10 - 15 gms / kg of feed

For early water culture 10 - 15 kgs / acre

For mid and late water culture 15 - 20 kgs per acre

Presentation

10 kgs woven sack bag

Stability

Best before 18 months
from the date of manufacture

Registered with Coastal Aquaculture Authority as
Antibiotic-free Product CAA/F16/FA/00009



Manufactured by



Tablets (India) Limited

Plant 2 : 555/32, T.H. Road, Chennai - 600 081, India

Marketed by



TIL Biosciences

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