

ASTA 3LF

Natural Astaxanthin, Carotenoids and Chelated Minerals



BENEFITS OF USING ASTA 3LF

- Asta 3LF will activate the pigment gene and receptor to enhance and increase the colour for both shrimp and fish.
- Asta 3LF has good bioavailability, easy digestion and high absorption which is excellent for pigment accumulation and helps to boost performance to increase the colour.
- It can enhance the shell and reduce loose shell after molting.
- Asta 3LF can reduce stress and increase survival rate.
- Asta 3LF can increase shrimp colour index for both live and cooked shrimp.

USAGE

- Mix 5g - 10g of Asta 3LF for every kilogram of feed for 7- 14 days before harvesting.



For more details, visit our  www.3lfish.com
For inquiries,  info@3lfish.com or
visit  3 Little Fish Sdn Bhd

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FACTORS OF PIGMENTATION TO ENHANCE

1

Shrimp Health

Healthy shrimp without stress and diseases can maximize their colour performance.

Age

2 months old shrimp will have lighter colour compared to 4 months old. This is because as they age the pigment will accumulate in their shell and skin. They will naturally get distinctive colour segment and brighter colour as they grow.

2

3

Level of Salinity and Mineral in Water

Seawater (High salinity) contains more minerals compared to freshwater. For example, copper, zinc, iron, selenium, potassium and phosphate. These minerals are key for enhancing pigmentation.

4

Types of Pond, Water Colour, Types of Plankton and Sediments

When the water in the pond is within the optimal range, it will allow the shrimp to display bright colours. Thus, shrimp will appear with brighter colour.

5

Types of Feed

Protein from plants (Soybean, Wheat & Corn) has negative effect on shrimp's colour and texture. Thus, **ASTA 3LF** is important as those chelated minerals are needed to compensate for its absence in the fish meal.

Concentration and Amount of Astaxanthin

The concentrations and amount of astaxanthin has an effect on shrimp, fish and crab. **ASTA 3LF** contains natural astaxanthin which has good availability, easy digestion and high absorption. This product contains few types of carotenoid pigments such as red, yellow and etc.

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