



# Proteus

Product Name: **Proteus**

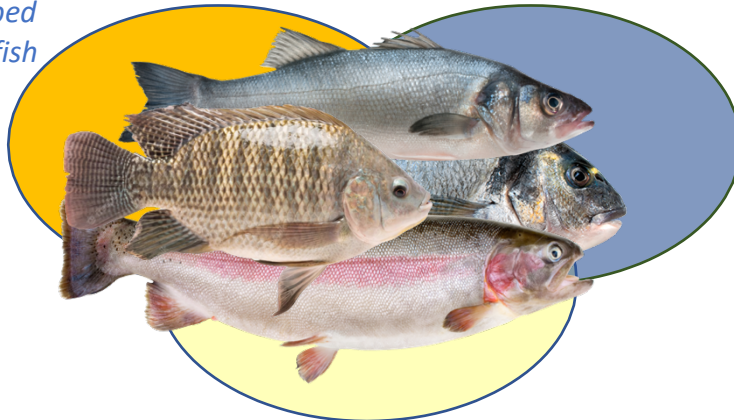
Product Item : **CF12**

## ***Product Description - Overview :***

Proteus is a new generation, fish-specific solution for better aquaculture farming. The product supplies what exactly the fish needs to survive under different challenging conditions.

## **Components of success in aquaculture with Proteus!**

*Specially developed  
plant extract for fish*



*Triglycerides of  
shortchain fatty  
acids*

*1,3-1,6-β-D-Glucans&Mannans*

Proteus is a key support for better aquaculture farming. The effectiveness of the product is derived from the synergistic power of the three important components it contains. Proteus improves growth rate, reduces mortality, decreases FCR, reduces feed stress, reduces pharmaceutical cost, and balances the microflora.

## ***What's in Proteus :***

Its formula consists of three important and very synergistic components :

- a. specially developed plant extract for fish,
- b. triglycerides of short-chain fatty acids,
- c. 1,3-1,6-β-D glucans and mannans.

### **Why do you need Proteus?**

- improves growth rate,
- reduces mortality,
- decreases FCR,
- reduces feed stress,
- reduces pharmaceutical cost,
- balances the microflora,
- gives better technical performances,
- improves the antioxidant status of the animal.

### **Summary of our some trails with Proteus ;**

#### **Sea Bream trail with 0,2% Proteus in feed results – AU/Department of FaA 2023 ;**

- Better growth with +14% difference.
- Better feed conversion with - 17% FCR.
- Healthier with +14% Haematocrit value.
- Fish that are more resistant to diseases and stress with higher NBT activity.
- More ready and stronger immune system with 45% more lysozyme.
- Less disease, less antibiotic use, 64% less pathogen colony count

#### **Tilapia trail with 0,1% Proteus in feed results - AU/Department of FaA 2022 ;**

- Better feed conversion with - 22% FCR.
- Healthier with +34% Haematocrit value.
- Fish that are more resistant to diseases and stress with higher NBT activity.
- More ready and stronger immune system with 128 % more lysozyme.
- Less disease, less antibiotic use, less pathogen colony count.

#### **Trout trail with 0,1% Proteus in feed results - AU/Department of FaA 2022 ;**

- Better growth with +8% difference.
- Better feed conversion with - 5% FCR.
- Total plasma protein is +10% more.
- With Proteus addition, a high mucus production difference was observed in the fishes.
- Fish that are more resistant to diseases and stress with higher NBT activity in blood and in mucus.
- More ready and stronger immune system with 60% more lysozyme.

### **Target Species and Usage Recommendation :**

Sea Bream/ Sea Bass : 1- 2 kg/ton feed.

Tilapia : 1 kg/ton feed.

Trout : 1 kg/ton feed.

Salmon : 1 kg/ton feed.

Crustaceans: 500 - 750 g/ton feed.

### **Storage - Shelf life :**

Keep in the original sealed packaging and store in a cool, dry place.

Best use before 24 months after the production date.

### **Organoleptic features - Packaging :**

Beige color, fine powder in 25Kg alu-inside bags.

