



# Vital Aquatics

Specialized Nutrition



## *Meet Vital Aquatics*

Vital Aquatics is a company that aspires to bring to all hobbyists a series of feeds that are characterized by high quality and specialization. Our goal is to create a well-balanced range of products that will bring added value to the sector.

Our Discus feeds have been tested throughout the full life cycle of our fish and have provided excellent results. Starting several years ago, we initiated testing of all feeds from one month old fish until adulthood and upon spawning continued testing to the new generation of fish. Such testing was necessary in order to ensure the optimal effect on the specimens' growth, vitality and reproduction.

### **Tony Tan**



We are proud that one of the Best Discus Breeders in the World and over 25 times World Champion Tony Tan recommends our feeds. Our feeds have been tested on his excellent fish throughout the full cycle of life and have provided optimal results. Tony also specializes in formulating feeds for his own fish and we have gathered extremely valuable feedback both for the formation of our feeds as well as in properly testing them.



## Quality Statement

Our feeds are produced within the E.U. from highly specialized Fish Nutrition specialists, and are subject to strict E.U. legislation. Our outmost concern is to use only the highest quality materials. No discounts have been made on quality which for us is of primary importance. We strive to maintain low levels of ash in our feeds and use only natural colorants and natural preservatives. Protein levels are balanced and adjusted according to the fish's true needs. Phosphorus levels are at an extremely low level ( $<1\%$ ) avoiding algae accumulation.

The production facilities used are highly sanitized and production runs are all biologically tested making sure that our products are of the highest quality. Before being circulated, we proceed to a second more extensive testing of the feeds and make sure of their long-term effects.

Our packaging is airtight and of high quality to ensure the product's freshness. We use as a barrier more expensive aluminum interior sheets because of their high sealant properties which are unrivaled.

## Scientific Partners

Our feeds have been designed by scientists & university scholars specialized in the field of aquaculture and feed formulation, with valuable work experience in relevant fields and who are additionally scientific advisors for many large European aquaculture companies.

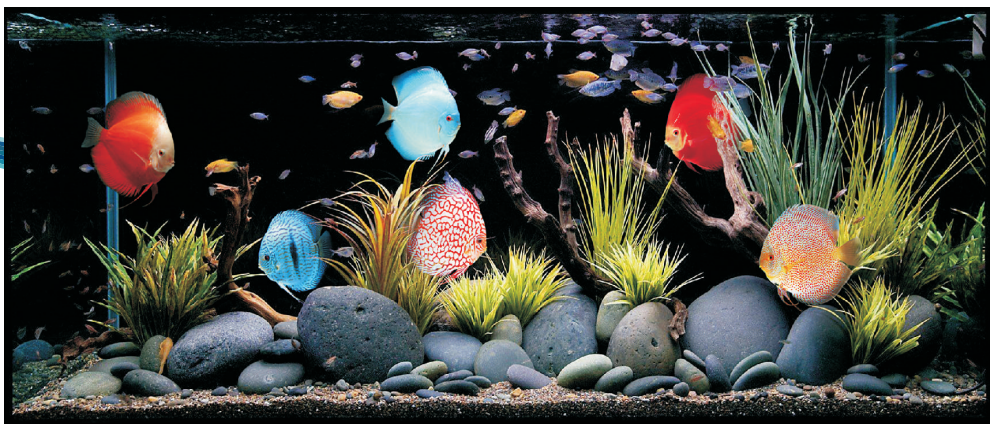
Being experts in fish nutrition, these specialists proceed to fish feed formulation using cutting edge production technologies to create feeds that take into consideration the biochemical parameters of the fish species in different phases of development.

## Discus fish

Discus fish belong to the Cichlid family. They are considered the King of the Freshwater Aquarium due to their unique appearance and character. They originate from the Amazon basin and are natively found in Brazil and some parts of Peruvian and Colombian regions. Studies on wild caught Discus have shown that they are omnivorous and their diet depends on the ever-changing wet & dry seasons. They mostly feed on insect larvae, small crustaceans, copepods, rotifers, algae and also some fruits and leafy greens.

That is why Vital Aquatics has simulated feeds that are palatable for Discus fish based on their diet in nature and on expert breeder traditions.

Over the last 60 years Discus fish have been bred successfully in captivity resulting in numerous varieties of colors. Discus breeders have a tradition in preparing special feed mixtures containing meat, sea food, fruits, vegetables and algae. Studies have shown that Discus fish can digest these ingredients very well.



## The Product Line

Over the years and based on our cumulative experience we have developed a range of Discus feeds catering for each stage of its lifecycle. During ingredient selection, only premium products are used and no discounts are made. This is the main reason why our feeds are very low in Ash and Phosphorus. In our Discus feed series we use more than 35 different ingredients, averaging more than 20 in each feed.

- **Discus Basic:** our balanced daily feed for all ages of Discus fish.
- **Discus Growth:** our specialized high protein and nutrient rich feed, mainly for young Discus.
- **Discus Insect:** a very palatable feed that simulates the fish's natural diet. This product includes 25% insect.
- **Discus Meat Mix:** a rich feed based on renowned breeders' recipes also commercially known as "beef-heart". This product includes 33% meat and animal by-products.



## Some of the Selected High Quality ingredients

**Sea food:** top quality sea food ingredients are used, high in protein , low in ash and rich in EPA & DHA.

**Krill :** this small crustacean has a strong flavor with high digestibility. It's very rich in protein as well in Omega-3 fatty acids EPA & DHA. Also it's a natural color enhancement and promotes spawning.

**Calanus:** this highly digestible copepod is an outstanding nutrient source, rich in protein, essential amino acids as well as fatty acids. Promotes growth and is an excellent flavor and color enhancement rich in astaxanthin.

**Green Lipid Mussel:** a species of mussel with a green color around the shell, found in New Zealand. It's considered a super food due to the wide variety of Omega-3 fatty acids, vitamins, minerals , amino acids, antioxidants and enzymes.

**Chlorella:** is a green microalgae rich in protein, amino acids, minerals , vitamins and Omega-3 fatty acids. A natural antioxidant and detoxifier of the liver and kidneys. Considered as a super food and immune Booster.

**Kelp:** this brown macroalgae is a natural antioxidant with antibacterial properties. It is rich in vitamins , minerals and trace elements .

**Astaxanthin:** the king of the antioxidants. A naturally occurring carotenoid found in microalgae *Haematococcus pluvialis*. Enhance coloration in fish.



## in Vital Aquatics fish feeds

**Garlic:** a natural ingredient that contains compounds of potent anti-fungal, anti-bacterial and anti-parasitic properties as well as heavy metal detoxifiers. It is rich in vitamins & trace elements and increases palatability.

**Red Pepper:** an immune booster ingredient with antioxidant properties. Enhances the coloration of the fish and is rich in vitamins A , C and B complex.

**Egg Yolk:** has quality proteins and is very rich in fats, vitamins and trace elements. Promotes growth & spawning, increases immune function and has antioxidant properties. It is also enhances fish color due to the inclusion of carotenoids.



**Spinach:** is an extremely nutrient rich vegetable with high amounts of carotenoids, vitamins , calcium and is a natural antioxidant. Its high amount of insoluble fiber helps the digestive system.



**Broccoli:** this "super veggie" is known for its beneficial effects and antioxidant properties. It contains more proteins than most other vegetables and its high in vitamin C and minerals.



**Insects:** excellent source of high quality proteins, fat and minerals. Rich in essential fatty acids Omega-3 and Omega-6 and B complex vitamins.



**Meat Mix:** A source of high quality protein, essential amino acids and vitamins. Promotes growth and spawning.



## DISCUS BASIC



A well balanced daily diet for all ages of fish that is very low in ash, fiber and phosphorus. Only natural ingredients are included such as: Krill, Calanus, Astaxanthin and Red pepper extract for color enhancement. Green Lipid Mussel for essential fatty acids, vitamins and minerals. Three Algae combination (including Kelp and Chlorella) as well as garlic for digestive and anti-parasitic properties and a herbal extract as a preservative. The feed has been formulated by a team of fish nutritionists - marine biologists and is recommended by Discus Expert and World Champion Tony Tan.

**Suggested Feeding:** Small amounts 3-6 times daily. Alternate with our other feeds. For all ages.

**COMPOSITION:** Molluscs, Fish, Crustaceans, Cereals, Cereal protein extract, Yeast, Micro and Macro Algae, Vegetables, Oils and Fats. **Additives (per kg):** Vitamins, Pro-vitamins and chemically well-defined substances having similar effect: A 25000IU, D3 3000IU, E 400mg, C 1100mg, B1 45mg, B2 60mg, B3 400mg, B5 200mg, B6 40mg, B12 0,20mg, K3 15mg. **Compounds of Trace Elements (per kg):** E6(Zn) 140mg, E5(Mn) 45mg, E8(Se) 0,3mg **Colourants (per kg):** Astaxanthin 50mg, Red Pepper extract 2gr. **Antioxidants. Analytical Constituents:** Crude Protein 50%, Crude Fat 6%, Crude Fiber 0,5%, Crude Ash 5%, Phosphorus 0,82%.

### Feed Characteristics

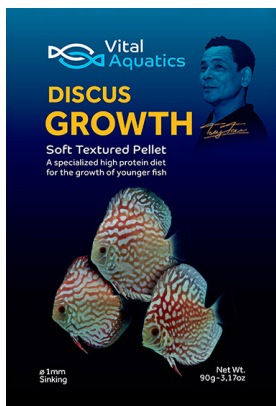
- Soft-textured pellet for easier and safer fish consumption.
- Pellet diameter 1.2mm a size suitable for discus fish over 3m old.
- Does not leave residue.
- Does not leave odor.
- A well balanced daily diet for all ages of fish.
- Very low in ash, fiber and phosphorus.
- No artificial color enhancements included.
- Only natural color enhancements as well as natural antioxidants and preservatives.
- Formulated by a team of fish nutritionists and marine biologists in close cooperation with experienced fish breeders.
- Recommended by Discus Expert and World Champion Tony Tan.
- Beautiful Watercolor Fish Pouch Design with aluminum interior sheeting for higher barrier properties to keep the product fresh for an extended period of time.

### ANALYTICAL CONSTITUENTS

Crude Protein	50 %	A 25000 IU
Crude Fat	6 %	D3 3000 IU
Crude Fiber	0,5 %	E 400 mg
Crude Ash	5 %	C 1100 mg
Phosphorus	0,82 %	B3 400 mg

**SKU#** FGP012BAG90 90gr. Pouch

## DISCUS GROWTH



A specialized daily feed that will provide younger fish with a high protein diet as well as the necessary elements for Growth. The feed can also be fed day by day to older ages of fish. Only natural ingredients are included such as: Calanus, Astaxanthin and Red pepper extract for color enhancement, an Algae combination (including Chlorella) together with garlic for digestive and anti-parasitic properties, and a herbal extract as a preservative. The feed has been formulated by a team of fish nutritionists - marine biologists and is recommended by Discus Expert and World Champion Tony Tan.

**Suggested Feeding:** Minimum 5 times daily for 3 to 8 month old discus. Begin alternating with other feeds after 8 months of age.

**COMPOSITION:** Molluscs ,Fish, Cereal protein extract, Meat, Oils and Fats, Vegetables, Cereals, Crustaceans, Micro algae. **Additives (per kg):** Vitamins, Pro-vitamins and chemically well-defined substances having similar effect: A 25000IU, D3 3000IU, E 400mg, C 1100mg , B1 45mg, B2 60mg , B3 400mg, B5 200mg, B6 40mg, B12 0,20mg , K3 15mg. **Compounds of Trace Elements (per kg):** E6(Zn)140mg, E5(Mn) 45mg, E8(Se) 0,3mg. **Colourants (per kg):** Astaxanthin 50mg, Red Pepper extract 2gr. **Antioxidants. Analytical Constituents:** Crude Protein 60%, Crude Fat 6%, Crude Fiber 0,2%, Crude Ash 5% , Phosphorus 0,82%.

### Feed Characteristics

- Soft-textured pellet for easier and safer fish consumption.
- Pellet diameter 1mm a size suitable for younger fish.
- Does not leave residue.
- Does not leave odor.
- A high protein & nutrient rich diet geared towards Growth.
- Very low in ash, phosphorus and fiber at 0,2%.
- No artificial color enhancements included.
- Only natural color enhancements as well as natural antioxidants and preservatives.
- Formulated by a team of fish nutritionists and marine biologists in close cooperation with experienced fish breeders.
- Recommended by Discus Expert and World Champion Tony Tan.
- Beautiful Watercolor Fish Pouch Design with aluminum interior sheeting for higher barrier properties to keep the product fresh for an extended period of time.

### ANALYTICAL CONSTITUENTS

Crude Protein	60 %	A 25000 IU
Crude Fat	6 %	D3 3000 IU
Crude Fiber	0,2 %	E 400 mg
Crude Ash	5 %	C 1100 mg
Phosphorus	0,82 %	B3 400 mg

**SKU # FGP029GRG90 90gr. Pouch**

## DISCUS INSECT



Simulates the diet found in nature by Discus fish. The feed has an increased "natural" taste due to a 25% insect base and is extremely palatable. It includes only natural ingredients such as: Astaxanthin and Red Pepper extract for color enhancement. Green Lipid Mussel for essential fatty acids, vitamins and minerals. Kelp, chlorella and garlic for digestive and anti-parasitic properties, and herbal extract as a preservative. The feed has been formulated by a team of fish nutritionists - marine biologists and is recommended by Discus Expert and World Champion Tony Tan.

**Suggested Feeding:** Feed 3-6 times daily. You may alternate with our other feeds.

**COMPOSITION:** Insect (25%), Fish, Cereals, Cereal protein extract, Molluscs, Crustaceans, Yeast, Micro and Macro algae, Vegetables, Oils and Fats. **Additives (per kg):** Vitamins, pro-vitamins and chemically well-defined substances having similar effect: A 25000IU, D3 3000IU, E 400mg, C 1100mg, B1 45mg, B2 60mg, B3 400mg, B5 200mg, B6 40mg, B12 0,20mg, K3 15mg. **Compounds of Trace Elements (per kg):** E6(Zn) 140mg, E5(Mn) 45mg, E8(Se) 0,3mg **Colourants (per kg):** Astaxanthin 50mg, Red Pepper extract 2gr. **Antioxidants. Analytical Constituents:** Crude Protein 45%, Crude Fat 6%, Crude Fiber 2%, Crude Ash 5%, Phosphorus 0,70%.

### Feed Characteristics

- Soft-textured pellet for easier and safer fish consumption.
- Pellet diameter 1.2 mm a size suitable for discus fish over 3m old.
- Does not leave residue - Does not leave odor.
- An extremely palatable feed that simulates the fish's diet in nature.
- Very low in ash, phosphorus and fiber.
- No artificial color enhancements included.
- Includes a generous amount of high quality insect.
- Only natural color enhancements as well as natural antioxidants and preservatives.
- Formulated by a team of fish nutritionists and marine biologists in close cooperation with experienced fish breeders.
- Recommended by Discus Expert and World Champion Tony Tan.
- Beautiful Watercolor Fish Pouch Design with aluminum interior sheeting for higher barrier properties to keep the product fresh for an extended period of time.

### ANALYTICAL CONSTITUENTS

Crude Protein	45 %	A 25000IU
Crude Fat	6 %	D3 3000IU
Crude Fiber	2 %	E 400 mg
Crude Ash	5 %	C 1100 mg
Phosphorus	0,7 %	B3 400 mg

**SKU # FGP036ING90 90gr. Pouch**

## DISCUS MEAT MIX



Also known as "Beef Heart", this rich feed is based on the "good old secret recipes" of renowned breeders. All their wisdom has been gathered in this recipe of natural ingredients that includes Meat, Spinach, Broccoli, Egg, Green Lipid Mussel, Chlorella, Kelp and Garlic. The feed is very low in ash, fiber and phosphorus and includes only natural color enhancements as well as natural antioxidants and preservatives. It has been formulated by a team of fish nutritionists - marine biologists and is recommended by Discus Expert and World Champion Tony Tan.

**Suggested Feeding:** Small amounts 3-6 times daily. Alternate with our other feeds.

**COMPOSITION:** Meat and Animal by-products (33%), Fish, Cereal protein extract, Cereals, Molluscs, Yeast, vegetables, Micro and Macro Algae, Crustaceans, Oils & Fats. **Additives (per kg):** Vitamins, Pro-vitamins and chemically well-defined substances having similar effect: A 25000IU, D3 3000IU, E 400mg, C 1100mg, B1 45mg, B2 60mg, B3 400mg, B5 200mg, B6 40mg, B12 0,20mg, K3 15mg. **Compounds of Trace Elements (per kg):** E6(Zn)140mg, E5(Mn) 45mg, E8(Se) 0,3mg **Colourants (per kg):** Astaxanthin 50mg, Red Pepper extract 2gr. **Antioxidants. Analytical Constituents:** Crude Protein 50%, Crude Fat 6%, Crude Fiber 0,5%, Crude Ash 6%, Phosphorus 0,85%.

### Feed Characteristics

- Extra Soft-textured pellet for easier and safer fish consumption.
- Pellet diameter 1.2 mm a size suitable for discus fish over 3m old.
- Does not leave residue - Does not leave odor
- Based on classic Beef Heart recipes formulated by renowned breeders.
- High Premium product.
- Very low in ash, phosphorus and fiber.
- No artificial color enhancements included.
- Includes a generous amount of Meat and animal by products (33%),
- Only natural color enhancements as well as natural antioxidants and preservatives.
- Formulated by a team of fish nutritionists and marine biologists in close cooperation with experienced fish breeders.
- Recommended by Discus Expert and World Champion Tony Tan.
- Beautiful Watercolor Fish Pouch Design with aluminum interior sheeting for higher barrier properties to keep the product fresh for an extended period of time.

### ANALYTICAL CONSTITUENTS

Crude Protein	50 %	A 25000 IU
Crude Fat	6 %	D3 3000 IU
Crude Fiber	0,5 %	E 400 mg
Crude Ash	6 %	C 1100 mg
Phosphorus	0,85 %	B3 400 mg

**SKU #** FGP043MMG90 90gr. Pouch



[info@vitalaquatics.com](mailto:info@vitalaquatics.com)  
[www.vitalaquatics.com](http://www.vitalaquatics.com)

