

N  R M F E E D [®]

■ About Us

It is our main task to provide products and sectoral services that will improve the lives and increase the success of all our customers in the future, as it is today. Our objective is to provide added value to the work of more customers every day, to maximize their satisfaction by increasing their success. This perspective unites us in a common growth and targeting strategy and gives us the rightful pride of winning together. It is our rightful pride to be a solution partner for all our customers and to be referred to as a brand that serves as a leader in the sector.

Normfeed never compromises on producing in accordance with the law and ethical rules while it creates this success story. Human health, animal health and science are always our top priorities. Complying with all laws, regulations and rules in the sector we serve in line with these values is an indispensable task for every employee.





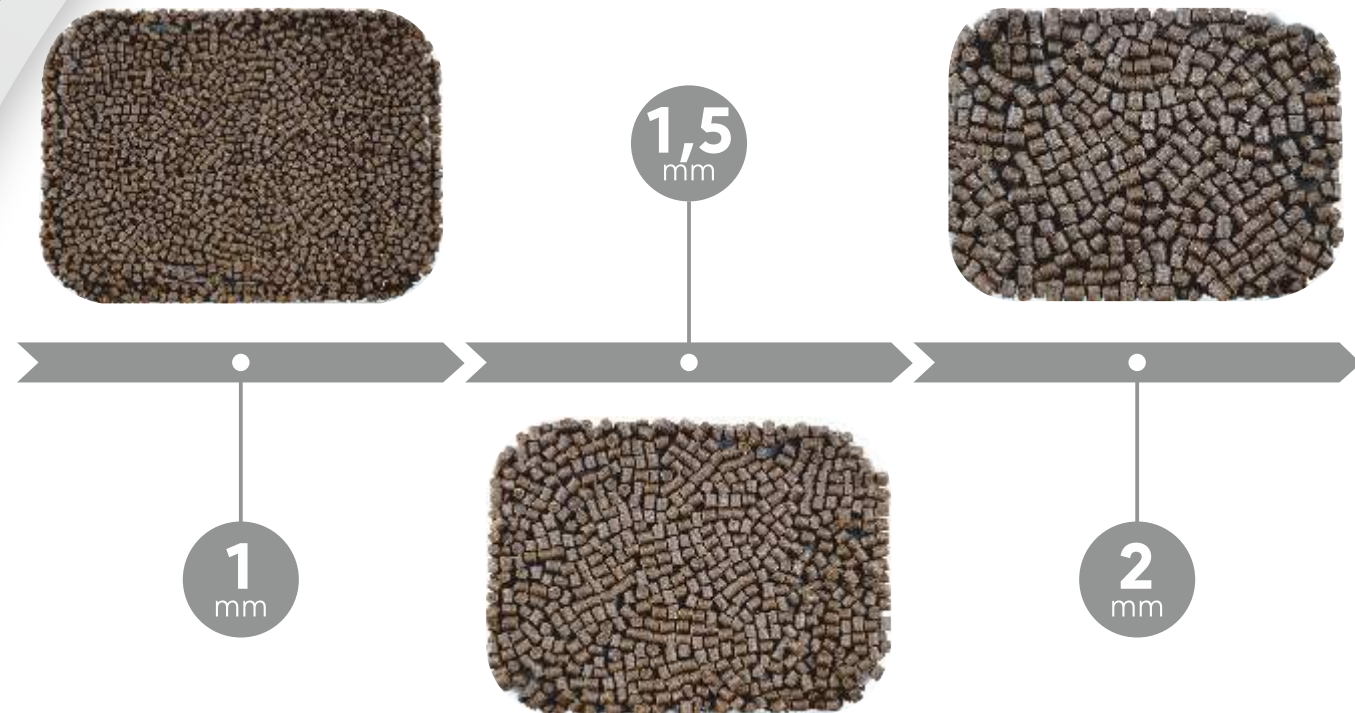
▶ PRODUCTS

- * Aquanorm Trout and Salmon Feed
- * Aquanorm Sea Bream and Sea Bass Feed
- * Aquanorm Earth Pond Sea Bream and Sea Bass Feed
- * Aquanorm Sea Bream and Sea Bass Functional Feed
- * Aquanorm Maigre Feed
- * Aquanorm Specific Feed Group for Special Species (Sturgeon, Carp, Tilapia, Barramundi, Cat fish, etc.)

» Fry Feeds

Micron Group (300-500, 500-800, 800-1200, 1200-1500 microns)

1 mm - 1,5 mm - 2 mm



Our way of doing business and our production process are designed to deliver products above our customers' expectations and of high quality.

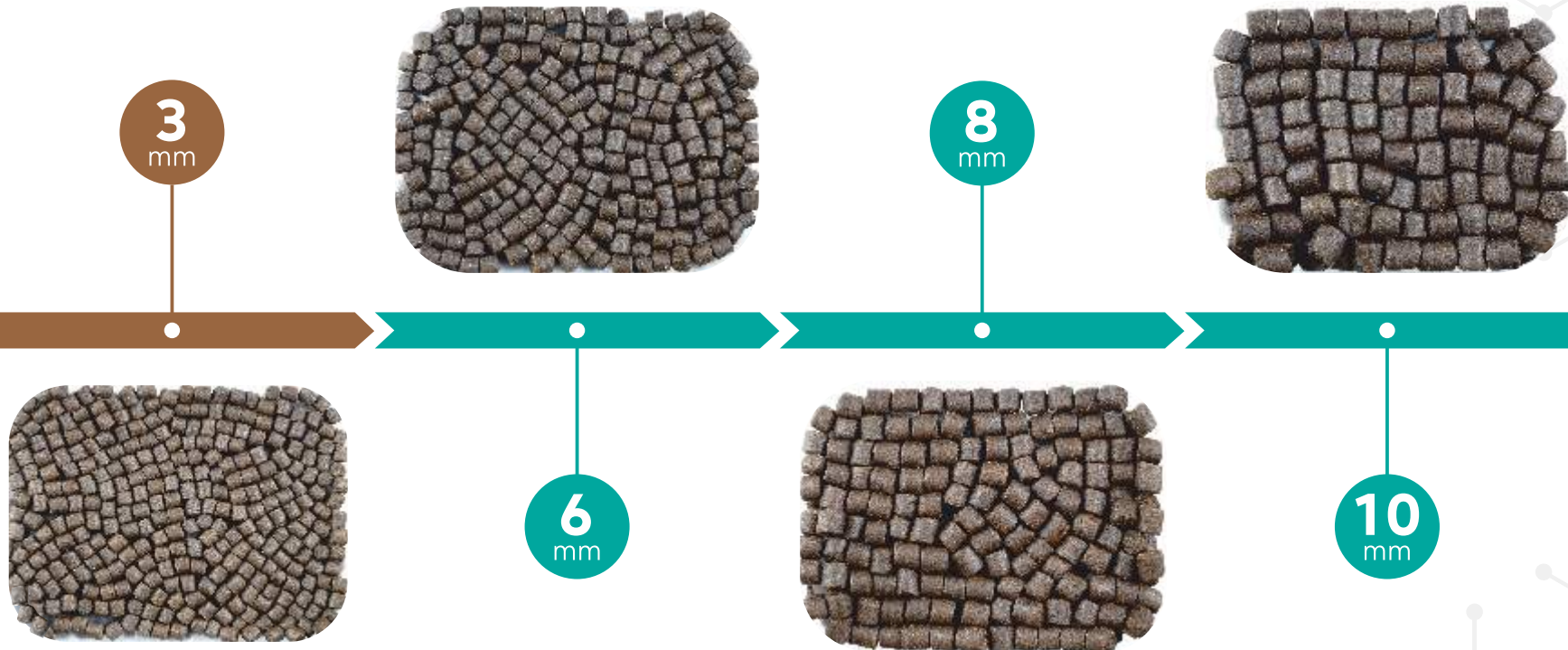
Every employee strives to maintain this quality on his/her behalf and to do his/her job better.

» Transition Feed

2,5 mm - 3 mm

» Grower Feeds

4 mm - 5 mm - 6 mm - 8 mm - 10 mm - 12 mm



■ Nutritional Requirements of Fish

Proteins...

The main task of proteins is to ensure the growth of the organism, the regeneration of tissues and, in short, the maintenance of vital activities. Therefore, proteins are known to be important nutrients for living things. The nutritional needs of fish vary by stage of life. The amount of protein and the amount of essential amino acid in the feed are also of great importance in terms of the process of growth and reaching the market size of the fish.



Fats...

Lipids, which are an effective and necessary energy source for fish, play regulatory roles in the evaluation of fat-soluble vitamins and in metabolism. Fats, which contain unsaturated fatty acids that provide the continuation of cellular functions, meet the energy the body needs intensively for all metabolic activities and allow the transport of fat-soluble vitamins in the body, are the most important ingredients in fish feeds after proteins.

Carbohydrates...

Cooking during the extrusion process we use in the production of fish feed increases the digestibility of starch. The digestibility of carbohydrates by fish is quite low. For this reason, the amount of carbohydrates [100- (protein + fat + ash + moisture)] in feed is of great importance. In addition, the digestibility of the starch in the feed content depends on the processing method of the feed - the amount of cooking.



Vitamins and Minerals...

Vitamins are small amounts of organic compounds necessary for the survival of animal organisms and essential for life. Minerals play a very important role in the formation of skeletal structure and the activity of hormones and enzymes that are important for metabolism. Mineral and vitamin content in fish feeding is extremely important in terms of development and growth rates of fish.

▶ PRODUCTION & PACKAGING



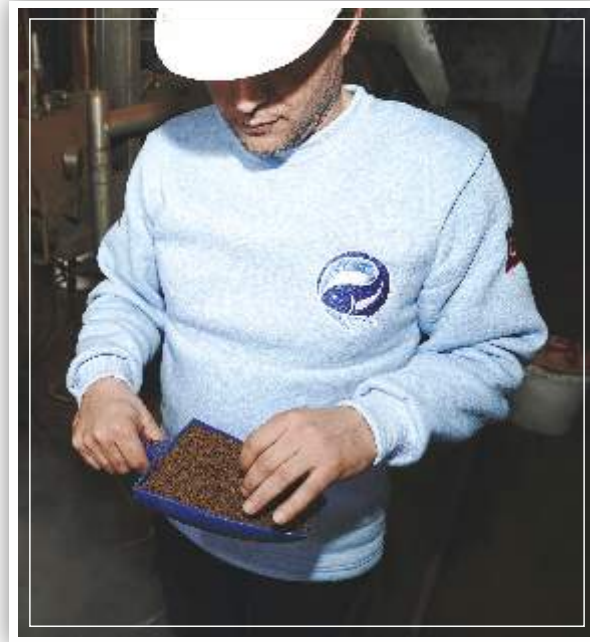
Quality...

Our way of doing business and our production process are designed to deliver products above our customers' expectations and of high quality. Every employee strives to maintain this quality on his/her behalf and to do his/her job better.



Leadership...

At all levels of our company, we expect behaviors that will constitute an example of leadership from every employee and attach importance to creating opportunities for leadership. We ask our staff to share the information and recognize and reward their individual efforts. We expect each employee to strive to improve the current situation and conditions and to be a driving force for performance.



Innovation...

How do I first see the needs in the sector we serve, produce the fastest and most accurate solution, and then do better? Seeking answers to this question is a professional passion for all our employees. An innovative perspective and passion to discover the new will differentiate us in order to maintain our leading position.

■ AQUANORM FRY FEED

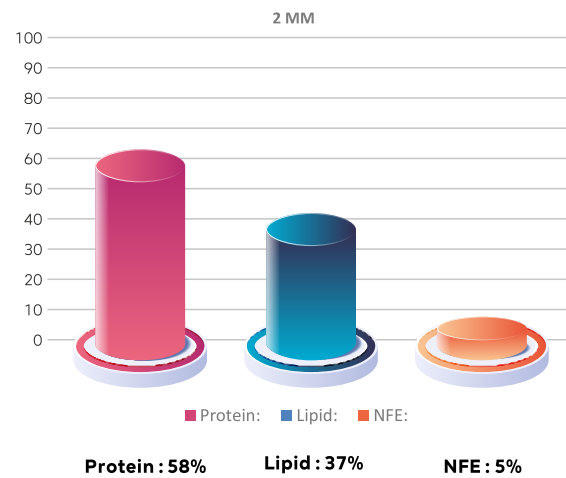
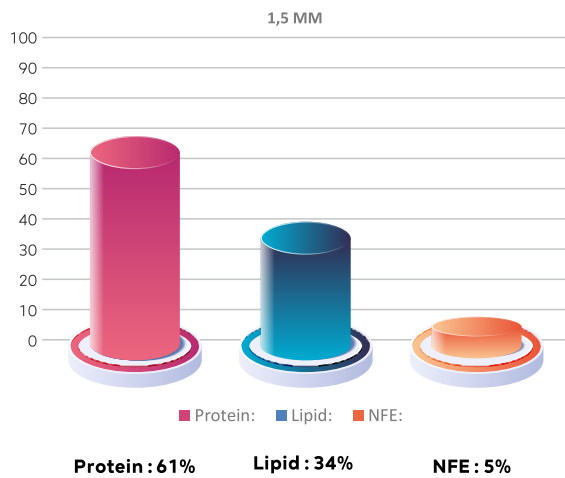
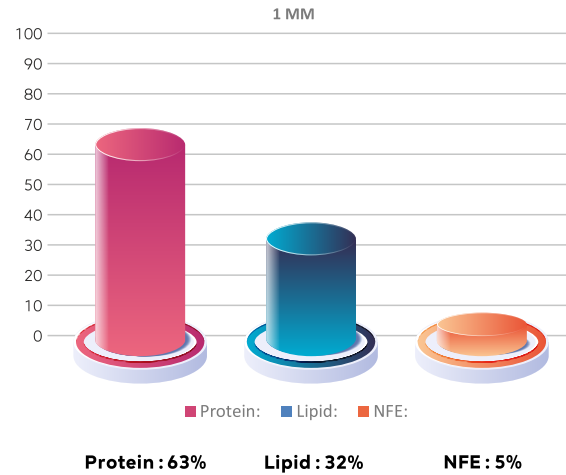
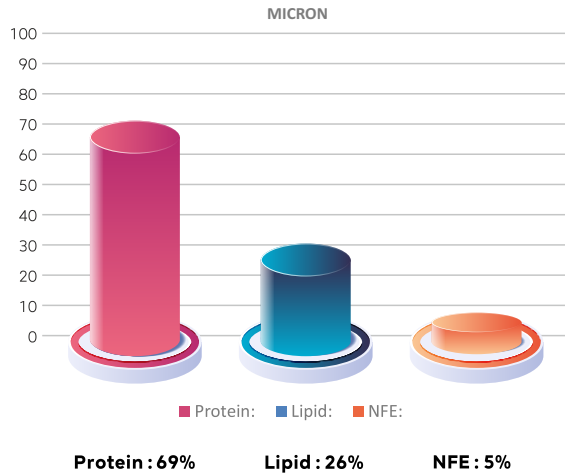
- Aquanorm Fry Feeds; supports healthy and fast growth of fries with its special formulation with rich content.
- It contains high digestibility specific protein sources such as hydrolyzed fish meal, Krill Meal and LT Fish Meal.
- Only fresh anchovy oil with high EPA+DHA value is used as energy source.
- Phospholipid and Omega 3 levels are adequate and balanced to improve fatty acid absorption and cell membrane permeability.
- Essential amino acids and essential fatty acids needed by the fish are provided from quality marine origin raw materials.
- It includes specific contributions to optimally support fish health and development.
- Thanks to special contributions, the fish's immune system develops and strengthens.
- The digestive system that determines the quality and performance of life is optimized.

ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	MICRON	1 mm	1,5 mm	2 mm
Crude Protein %	58	55	53	50
Crude Fat %	11	14	15	16
Crude Ash %	11	11	11	11
Crude Fiber %	1	1	1	1,5
NFE	10	12	13	15
Gross Energy (Mj / kg)	20,09	20,60	20,70	20,73
Digestible Energy (Mj / kg)	16,32	16,79	16,88	16,89
DP / DE (Mj / kg)	33,15	29,37	29,11	27,24
Vitamin A (IU)	18,000	18,000	18,000	18,000
Vitamin D (IU)	3,750	3,750	3,750	3,750
Vitamin E (mg)	400	400	400	400
Vitamin C (mg)	1,000	1,000	1,000	1,000

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

DISTRIBUTION OF DIGESTIBLE ENERGY



RAW MATERIALS USED

High Quality Fish Meal, Hydrolyzed Fish Meal, Wheat Flour, Krill Meal, Wheat Gluten, Fish Oil, Soya Protein Concentrate, Yeast and By-products, Vitamins and Minerals, Aquanorm Specific Fry Premix

FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



■ AQUANORM PRE-GROWER FEEDS

- Aquanorm Pre-Grower Feeds are the transition feed group that adapts juvenile fish from the fry group to the grower period.
- With high digestibility raw materials, the nutritional needs of the fish are met at an optimum level.
- The digestive system that determines the quality and performance of life of the fish is optimized with the specific contributions used.
- Fish with healthy digestive systems are facilitated to adapt to disease factors and seasonal variations that they may encounter during the breeding process.
- Resistance to external factors is supported at maximum.

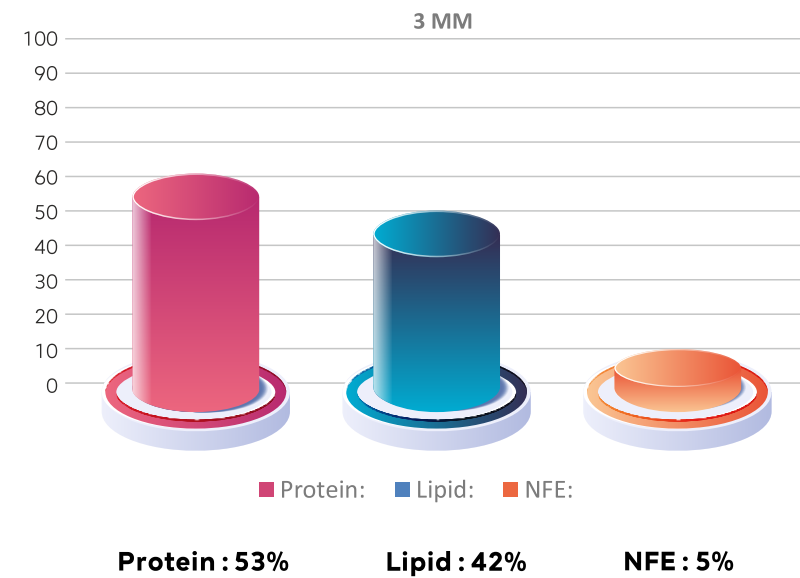
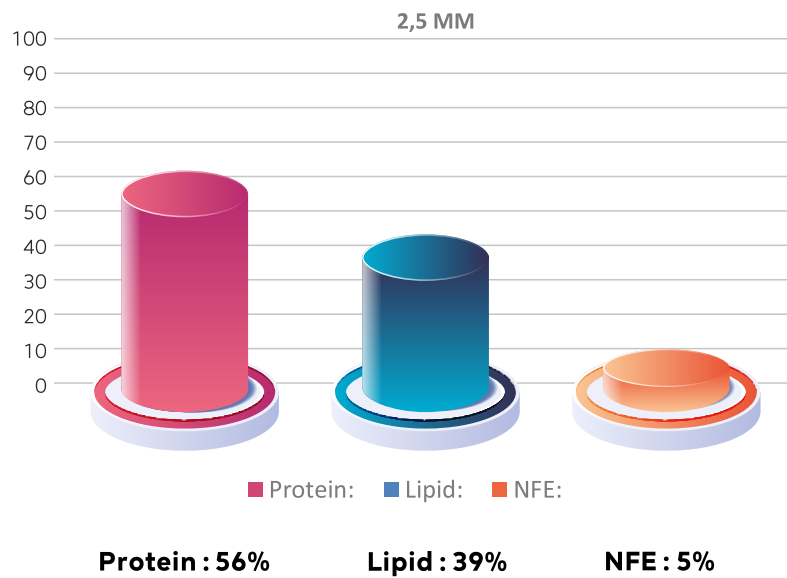
ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	2,5 mm	3 mm
Crude Protein %	48	46
Crude Fat %	17	18
Crude Ash %	11	11
Crude Fiber %	1,5	1,5
NFE	14	15
Gross Energy (Mj / kg)	20,82	20,93
Digestible Energy (Mj / kg)	18,32	18,42
DP / DE (Mj / kg)	26,45	25,21
Vitamin A (IU)	12,000	12,000
Vitamin D (IU)	2,500	2,500
Vitamin E (mg)	250	250
Vitamin C (mg)	300	300

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.



DISTRIBUTION OF DIGESTIBLE ENERGY



RAW MATERIALS USED

High Quality Fish Meal, Soybean Meal, Wheat Flour, Wheat Gluten, Fish Oil, Soya Protein Concentrate, Yeast and By-products, Vitamins and Minerals, Aquanorm Pre-Feed Premix

FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



■ AQUANORM **TROUT** and **SALMON** GROWER FEEDS



- "closest to nature" breeding consciousness with Aquanorm Trout Feed...
- High level of fish development with marine origin raw materials used.
- Maximum meat quality with phospholipid and omega fatty acids group.
- Improvement in the quality and performance of life of the fish with the contributions specific to trout.
- Optimal adaptation to sudden changes in ambient conditions (temperature, oxygen, salinity, etc.).
- Product with 4 different DP/DE values to be used every month of the year according to seasonal changes...
- Successful breeding every semester...

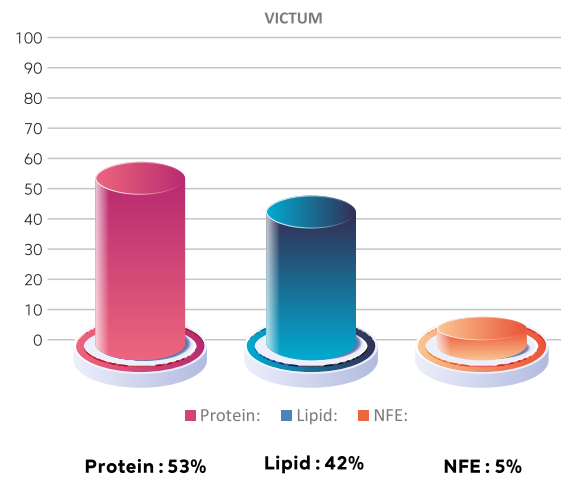
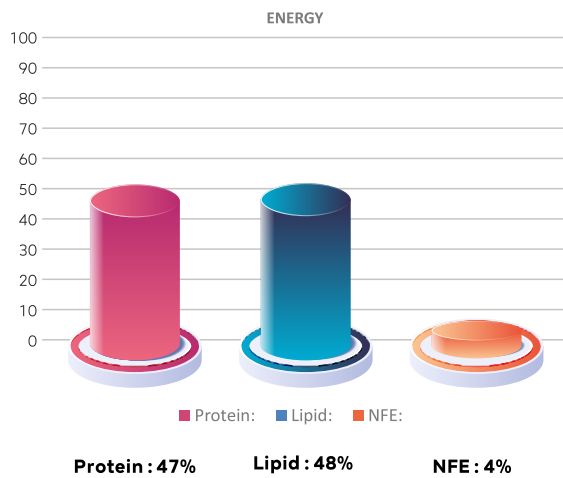
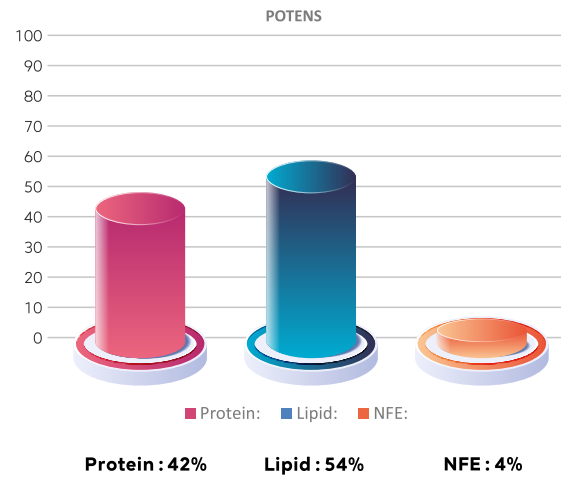
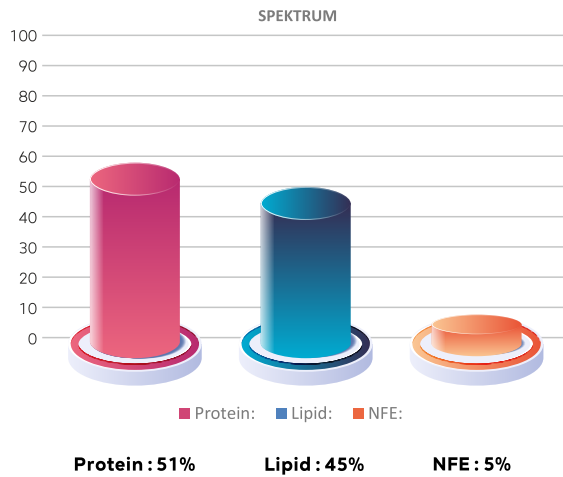
ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	4 mm - 5 mm - 6 mm - 8 mm - 10 mm - 12 mm			
	SPEKTRUM	VICTUM	ENERGY	POTENS
Crude Protein %	45	45	43	40
Crude Fat %	20	18	22	26
Crude Ash %	11	11	11	11
Crude Fiber %	2	2	2	2
NFE	15	16	14	15
Gross Energy (Mj / kg)	21,46	20,86	21,70	22,53
Digestible Energy (Mj / kg)	17,27	16,61	17,50	18,34
DP / DE (Mj / kg)	23,29	23,59	21,35	19,12
Vitamin A (IU)	12,000	12,000	12,000	12,000
Vitamin D (IU)	2,500	2,500	2,500	2,500
Vitamin E (mg)	250	250	250	250
Vitamin C (mg)	200	200	200	200

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

* Astaxanthin is added to all feed groups in the requested amount.

DISTRIBUTION OF DIGESTIBLE ENERGY



RAW MATERIALS USED

Fish Meal, Soybean Meal, Fish Oil, Wheat Flour, Wheat Gluten, Soy Protein Concentrate, Yeast and By-Products, Vitamin and Mineral, Aquanorm Specific Trout Premix

FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



■ AQUANORM **SEA BASS** and **SEA BREAM** GROWER FEEDS

- With the balanced nutrient formulation of Aquanorm sea bass and sea bream grower feed group; optimum development of fish during the grower period is ensured.
- With the high digestibility raw materials in its content, more feed is utilized and a high level of meat quality with maximum quality is achieved.
- The quality and performance of life of the fish are optimized with specific contributions.



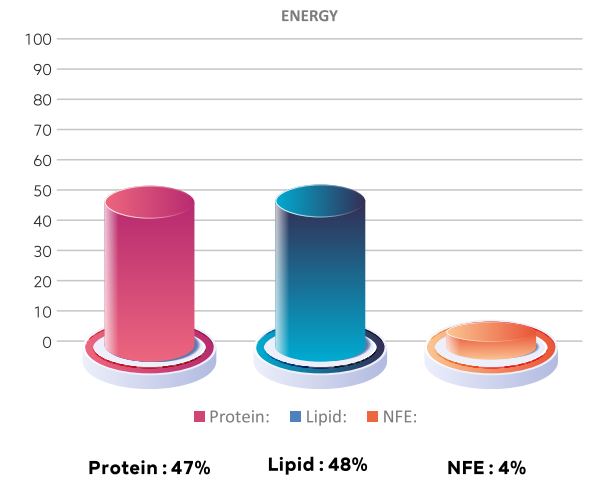
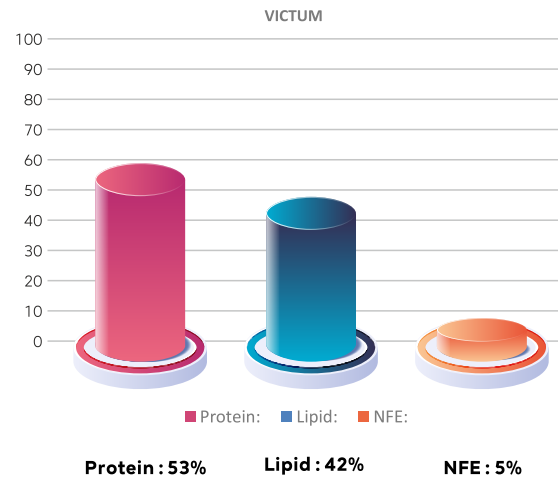
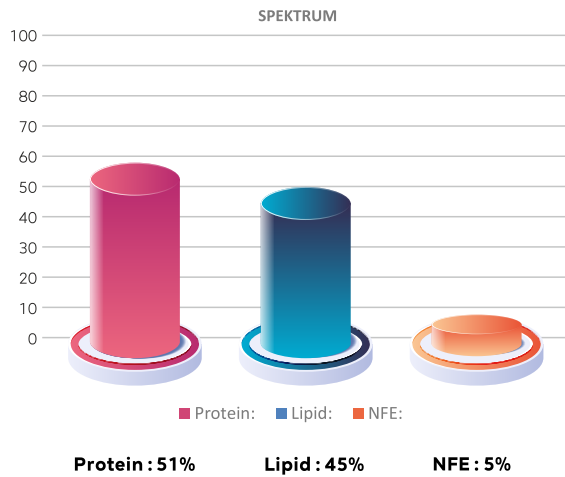
ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	4 mm - 5 mm - 6 mm - 8 mm - 10 mm - 12 mm		
	SPEKTRUM	VICTUM	ENERGY
Crude Protein %	45	45	43
Crude Fat %	20	18	22
Crude Ash %	11	11	11
Crude Fiber %	2	2	2
NFE	15	16	14
Gross Energy (Mj / kg)	21,46	20,86	21,70
Digestible Energy (Mj / kg)	17,27	16,61	17,50
DP / DE (Mj / kg)	23,29	23,59	21,35
Vitamin A (IU)	12,000	12,000	12,000
Vitamin D (IU)	2,500	2,500	2,500
Vitamin E (mg)	250	250	250
Vitamin C (mg)	200	200	200

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

* Astaxanthin is added to all feed groups in the requested amount.

DISTRIBUTION OF DIGESTIBLE ENERGY



RAW MATERIALS USED

Fish Meal, Soybean Meal, Fish Oil, Wheat Flour, Wheat Gluten, Corn Gluten, Soya Protein Concentrate, Yeast and By-products, Vitamins and Minerals, Aquanorm Marine Premix

FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



■ AQUANORM **EARTH POND SEA BASS** and **SEA BREAM** GROWER FEEDS

- Aquanorm Earth Pond Sea Bass and Sea Bream Feed specific to Earth Ponds;
- Its digestibility is formulated with high quality protein sources to minimize the wastes released in earth pond cultivation.
- While fish grow faster and healthier, they have a taste, color and appearance closer to nature.
- With the special contributions used, it reduces the ammonia output that is toxic to fish and helps to keep the water criteria under control.
- Gill health specific to sea bream is supported by special contributions.



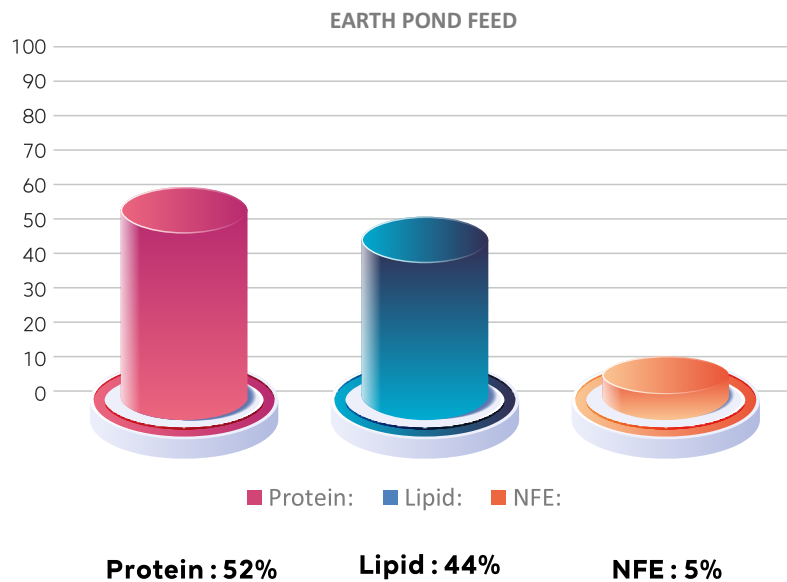
ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Crude Protein %	45	45	45	45	45	45
Crude Fat %	19	19	19	19	19	19
Crude Ash %	11	11	11	11	11	11
Crude Fiber %	2	2	2	2	2	2
NFE	15	15	15	15	15	15
Gross Energy (Mj / kg)	21	21	21	21	21	21
Digestible Energy (Mj / kg)	17,79	17,79	17,79	17,79	17,79	17,79
DP / DE (Mj / kg)	22,48	22,48	22,48	22,48	22,48	22,48
Vitamin A (IU)	12,000	12,000	12,000	12,000	12,000	12,000
Vitamin D (IU)	2,500	2,500	2,500	2,500	2,500	2,500
Vitamin E (mg)	250	250	250	250	250	250
Vitamin C (mg)	200	200	200	200	200	200

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

* Astaxanthin is added to all feed groups for sea bream in the requested amount.

■ DISTRIBUTION OF DIGESTIBLE ENERGY



■ RAW MATERIALS USED

Fish Meal, Soybean Meal, Fish Oil, Wheat Flour, Wheat Gluten, Corn Gluten, Yeast and By-products, Vitamins and Minerals, Aquanorm Earth Pond Premix

■ FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



■ **SEA BREAM** and **SEA BASS** FUNCTIONAL FEED GROUP

Aquanorm Functional health feeds are designed to help strengthen resistance during periods of stress. This group aims to provide high quality meat and focuses on providing optimal development for grower fish. Amino acid and essential oil ratios needed by the fish are provided from quality Fish Meal and fish oil sources. Contains natural phospholipids and omega3 fatty acids to improve lipid absorption and cell membrane permeability.

The functional feed line is a special feed group that includes digestible and quality protein sources, as well as specific contributions to protect fish health and ensure fish development. The digestive system, which has a decisive role for fish health and development, has been optimized with special aquanorm contributions.

Specific contributions...

- The fish's immune system is stimulated and supported against infection and stress.
- Rapid growth potential is supported by pure nucleotide.
- Stress resistance is maximized with the addition of high amounts of vitamins C and E.
- The natural flora of the digestive system is balanced in terms of useful bacteria.
- Optimal feed digestion is ensured with active and balanced intestinal flora.
- Increases in the production of digestive enzymes and saliva secretion are observed.

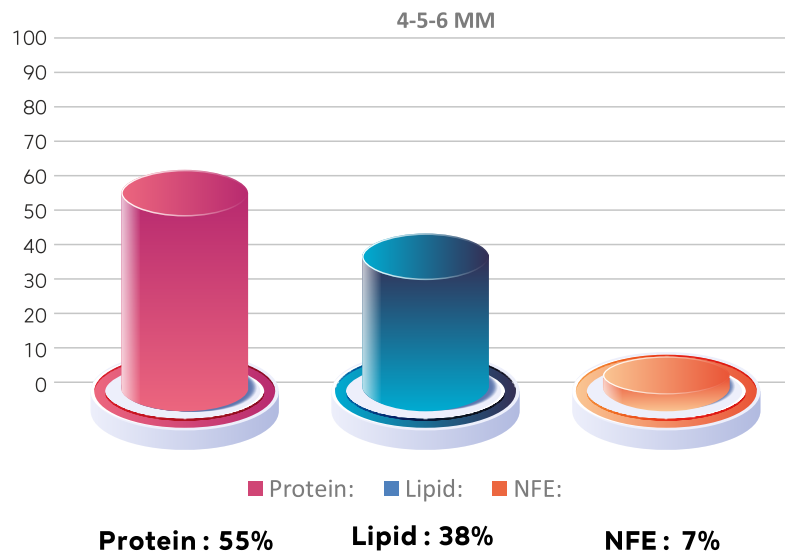
Aquanorm functional fish feeds improve growth performance and health status with the synergistic effects of natural factor materials. By consuming more feed, higher energy and better growth are achieved. Fish digestive systems are facilitated to adapt to possible disease factors and seasonal changes.

ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	4 mm	5 mm	6 mm	8 mm
Crude Protein %	46	46	46	46
Crude Fat %	18	18	18	18
Crude Ash %	11	11	11	11
Crude Fiber %	2	2	2	2
NFE	15	15	15	15
Gross Energy (Mj / kg)	20,92	20,92	20,92	20,92
Digestible Energy (Mj / kg)	16,68	16,68	16,68	16,68
DP / DE (Mj / kg)	24,98	24,98	24,98	24,98
Vitamin A (IU)	12,000	12,000	12,000	12,000
Vitamin D (IU)	2,500	2,500	2,500	2,500
Vitamin E (mg)	300	300	300	300
Vitamin C (mg)	400	400	400	400

In addition to the vitamins mentioned at the side, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

DISTRIBUTION OF DIGESTIBLE ENERGY



RAW MATERIALS USED

Fish Meal, Soybean Meal, Fish Oil, Wheat Flour, Wheat Gluten, Corn Gluten, Yeast and By-Products, Vitamin and Mineral, Aquanorm Specific Functional Premix

■ AQUANORM MAIGRE FEED

- Aquanorm Maigre feed has been formulated by taking into account the optimum DP/DE value and aimed at successful cultivation with high digestibility raw materials used in its content.
- Adaptation to seasonal changes is highly supported by species-specific contributions.

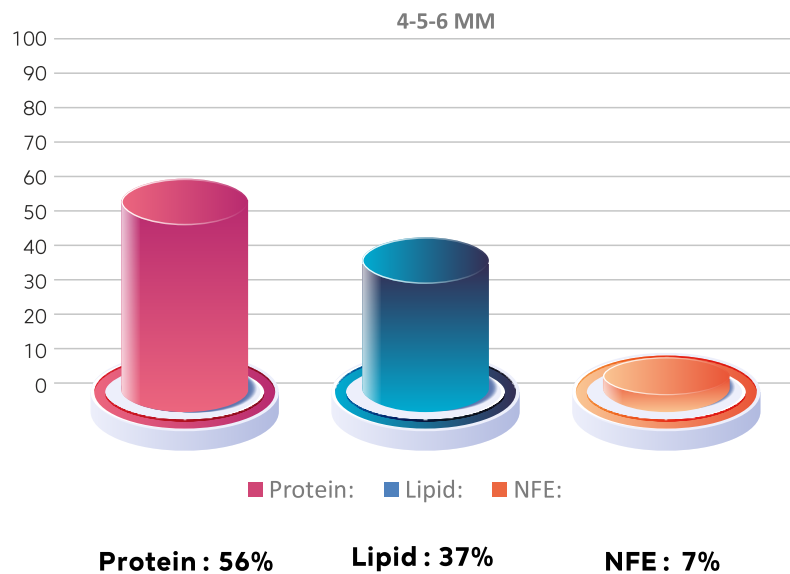


ANALYTICAL COMPONENTS

ANALYTICAL COMPONENTS	6 mm	8 mm	10 mm	12 mm
Crude Protein %	48	48	48	48
Crude Fat %	17	17	17	17
Crude Ash %	11	11	11	11
Crude Fiber %	2	2	2	2
NFE	15	15	15	15
Gross Energy (Mj / kg)	20,93	20,93	20,93	20,93
Digestible Energy (Mj / kg)	18,19	18,19	18,19	18,19
DP / DE (Mj / kg)	23,6	23,6	23,6	23,6
Vitamin A (IU)	12,000	12,000	12,000	12,000
Vitamin D (IU)	2,500	2,500	2,500	2,500
Vitamin E (mg)	250	250	250	250
Vitamin C (mg)	200	200	200	200

In addition to the vitamins mentioned above, Vitamins K3, B1, B2, B6, B12, Niacin, D-Pantothenic acid, Folic acid, Biotin, Choline and Mineral; Copper, Manganese, Cobalt and Iodine are added to meet the fish needs.

■ DISTRIBUTION OF DIGESTIBLE ENERGY



■ RAW MATERIALS USED

Fish Meal, Soybean Meal, Fish Oil, Wheat Flour, Wheat Gluten, Corn Gluten, Yeast and By-Products, Vitamin and Mineral, Aquanorm Specific Maigre Premix

■ FEEDING RECOMMENDATIONS

Feeding rates vary according to fish density, dissolved oxygen and water quality. Therefore, contact our technical team to create a feeding table that meets your environmental requirements.



SPECIAL SPECIES

You can contact our expert team for technical specifications of products prepared for special species.



» TILAPIA



» BARRAMUNDI



» STURGEON



» CARP



» CAT FISH

Performance...

Performance is one of the most important principles of our company culture. While we constantly strive to improve our performance and do the best we can, we also challenge ourselves to think about how we can do the same job better. This has enabled every employee to know their responsibilities and to improve themselves by learning from their mistakes and has always given us strength.



Respect to Society...

We feel a high level of responsibility towards the society we live in. In order to improve the society and increase the level of welfare, we fulfill our duties and in this context, we focus on meeting the needs by using our competent and prudent human resources.



Innovation...

How do I first see the needs in the sector we serve, produce the fastest and most accurate solution, and then do better? Seeking answers to this question is a professional passion for all our employees. An innovative perspective and passion to discover the new will differentiate us in order to maintain our leading position.



AQUANORM®

NORMFEED®

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