



BY CATHARINA NIEUWENHUIZEN

Vital ingredient

Dutch group wants to team up with the aquaculture industry

Noba Vital Lipids is a leading Dutch manufacturer and supplier of high energy fat products for the compound feed industries, servicing greater Europe.

Our strengths are rooted in more than 60 years of experience, alongside our high standards of quality, which are fulfilled at every step of the production process, in our R&D and in our nutritional support.

We are looking for knowledge partners in the aquafeed industry to develop our fat and oil products further to fulfil the needs from the industry.

Building blocks

In total, there are about 20 different fatty acids, which are the basic building blocks of various Noba fat and oil products. Some of these fatty acids are essential and are not produced by the body. These are needed for a particular functionality and should be taken through the animal feed. Noba develops alternatives that are better for the animal and contribute to the efficiency of the food production.

Partnering

Noba partners with leading research universities and animal feed testing centres to conduct basic nutritional research and in-depth feed trials. We focus on nutrients, not just ingredients. Our proprietary technology allows us to deliver optimal nutritional value and consistency in every batch we produce.

We are also searching for partners in the

aquafeed industry. When you partner with Noba you've gained access to more than 60 years of knowledge and experience in oils and fats.

We're regarded as oils and fats experts in the feed compound industry. We fully control our supply chain, and our dedicated trading/sourcing team directly advises and guides clients on



NOBA FACTS

Noba is a supplier of high energy fat products and has more than 60 years' experience

The company services the feed industry in greater Europe and partners with leading research institutes

It focuses on nutrients, not just ingredients, and offers maximum delivery flexibility and reliability

Noba has a large analytical and research laboratory, with safe and reliable input and 110,000 tonnes of storage capacity

It also has a large fleet of modern tankcars

Noba has full control of the supply chain





“When you partner with Noba you’ve gained access to more than 60 years of knowledge and experience in oils and fats’”

market developments.

This highly experienced team offers quick, high quality solutions and advice to our partners so they stay ahead of the curve.

But we’re not just experts in oils and fats. We also possess a deep understanding of the trends in our customers’ markets, making us the ideal partner for companies in need of flexibility and expertise.

Our expertise in oils and fats extends beyond our in-depth understanding of the market and supply chain.

Nobacithin Aqua

Lecithin has many nutritional benefits. The phospholipids in the lecithin have a positive effect on a higher survival and growth, improve the pellet quality, reduce leaching of water soluble nutrients, increase lipid retention and acts as an antioxidant.

Noba Vital Lipids developed a liquid lecithin blend, named Nobacithin Aqua R100. Native liquid lecithin has a very high viscosity and is therefore not so easy to handle in a feed plant.

In Nobacithin Aqua R100, oil and fatty acids have been added to lecithin which makes its

Clockwise from above: Research and development; some 110,000 tonnes of storage capacity; the Amsterdam complex



Left: Production of high energy fats

application much easier. This Nobacithin Aqua R100 is based upon rape lecithin. It is a NON-GMO blend. Beside this rape base blend, there are also mixtures of Nobacithin Aqua based upon soybean lecithin.

What makes Nobacithin Aqua R100 stand out from other lecithin products? There are many dry lecithin products on the market, mainly used for the juvenile and larvae stages.

A liquid product is often cheaper than a dry product. With the usage of Nobacithin Aqua you have the possibility to increase the inclusion levels of lecithin, and that is interesting because of the nutritional mechanisms and benefits.

Because of the stickiness of lecithin, blended with fish oil it may be applied as coating for the pellets contributing to a better pellet quality.


Nobacithin Aqua is suitable for larvae, juvenile, and grower diets for many species of fish and crustaceans.


Vital products

Noba Vital Lipids has developed the Noba Vital range for the stabilisation of the intestinal microflora, the strengthening of the animal intestinal barrier and for the overall positive influence it has on animal physiology.

Animals that are full of vitality are better armed against infection and illness, they have a more resilient immune system and they need less antibiotics.

The medium-chain fatty acids in Noba Vital Plus, Noba Vital Pure, Noba Vital Pro, Noba Vital SP and Noba Dry Vital Pure have an anti-microbial effect on both gram-positive and on gram-negative bacteria. All Vital products are very easily digestible.

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LECITHIN FORMULA
NOBACITHIN AQUA

NOBACITHIN AQUA IS A LIQUID LECITHIN BLEND WITH A HIGH ENERGY LEVEL AND MANY NUTRITIONAL BENEFITS. IT IS SUITABLE FOR LARVAE, JUVENILE, AND GROWER DIETS FOR MANY SPECIES OF FISH AND CRUSTACEANS.

BENEFITS OF NOBACITHIN AQUA

- Higher survival and growth
- Better resistance tot stress
- Prevention of malformations
- Improve water stability of food particles
- Reduce leaching of water soluble nutrients
- Antioxidant
- Reduce accumulation of lipid droplets
- Higher levels of plasma lipoproteins
- Higher levels of epithelial enzymes
- Better essential lipid composition of the fish



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