



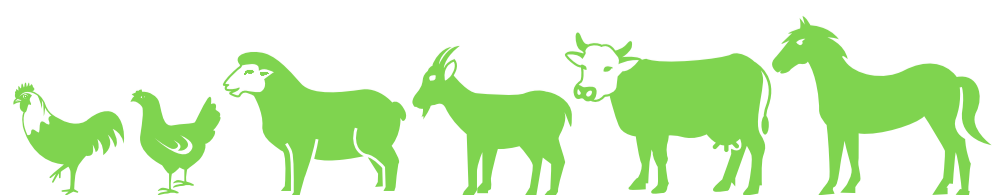
## **B-FATAMIX** liquid complementary feed

**B-FATAMIX is a specific formula containing mono-, di- and triglycerides of lauric acid (C12) and propionic acid with antibacterial, anti-fungal and anti-inflammatory properties.**

B-FATAMIX is a unique, synergistic blend of predominantly monoglycerides designed to maximize anti-bacterial and anti-viral activity. These mono-glycerides show a broad-spectrum application with unsurpassed effectiveness. In this esterified form they are stable, easy to handle and practically odorless. The esterifying process makes the product naturally stable whereby alpha-monolaurin enters the blood stream via the lymphatic system without losing its characteristics, and the other mono-esters pass through the upper GIT, until they are dissociated through enzymatic activity.

### **Support vaccination effects:**

Research has shown favorable synergy when a running vaccine program is combined with B-FATAMIX. Interestingly, a combination of Vaccine + B-FATAMIX showed much higher antibody titer values and higher values for Interferon-gamma (IFN- $\gamma$ ), correlating with improved immune system functioning. Demonstrating no contra-indications of B-FATAMIX in combination with a vaccine program.



# B-FATAMIX

## liquid complementary feed

Body defense systems are crucial for animal health and performance. A properly functioning immune system responds adequately to diseases and does not overreact when small challenges occur. Such overreactions can even restrict performance. Therefore, it is valuable to understand that certain glycerides have shown to support the animal's immune system.

Above that, reducing the negative impact of pro-inflammatory processes via anti-inflammatory compounds brings the livestock industry one step closer to achieve 100% genetic growth potential. As research has shown outstanding inflammation inhibiting properties of lauric acid glycerides, B-Vet offers B-FATAMIX. This feed additive reduces inflammation and improves immune system functioning.

### Pathogen control:

B-FATAMIX is active against several Gram-positive bacteria (e.g. Streptococcus suis, Staphylococcus aureus, Clostridium perfringens, Enterococcus faecalis) and fat-enveloped viruses (e.g. Infectious Bronchitis Virus, Porcine Reproductive and Respiratory Syndrome Virus). The direct anti-pathogenic activity is mainly established by the disruption of the bacterial cell membrane and fat-envelope of the virus.

B-FATAMIX improves natural Body defense systems by increasing antibody titer values, indicating a more active immune system. This may lead to a better protection against pathogens during times of infection. Furthermore, our glycerides of lauric acid have shown in vitro to reduce Nitric Oxide production by macrophages-like cells, which is the first indication of their anti-inflammatory effects. In literature it is shown that glycerides of lauric acid reduce the production of pro-inflammatory cytokines, alleviating inflammation. All these features of B-FATAMIX result in a better defense mechanism of the animal against pathogenic challenges, lowering the necessity of using antibiotics.

### Main benefits:

Stimulate the immune system, Improve inflammatory response, control of Gram+ bacteria, control fat-enveloped viruses.

### Application & dosage in feed:

1 - 4kg / ton of feed

### Application & dosage in drinking water:

0.5 - 1.2kg / 1000 liters of water

### Use:

For use in feedstuffs only.

### Presentation:

5 kg drum, 25 kg drum and 1000 kg IBC



### General notes:

Close packaging firmly after use. For optimal storage, it is advised to keep the product in a cool and dry place, protected from direct sunlight

### Characteristics:

Available in Liquid, heat-stable & non-corrosive, neutral taste and odour, produced in GMP+ certified facilities