

ImmuGuard



Ingredients:

ImmuGuard is a complementary feed for use in pig, poultry and young ruminants' nutrition, which contains a concentrated source of biologically active oligosaccharides and beta-glucans.

ImmuGuard is only available from Volac through our network of distributors.



Directions:

Incorporate into premixes, compound feed or milk/milk replacers.

Swine, Poultry, Calves and other Ruminants:
100 – 250g per tonne of feed

Calves younger than 2 months old:
0.5-1.0 kg per tonne of milk replacer or 2g per calf per day in milk or milk replacer.

Dose according to challenge level.

Storage:

Store in a cool and dry area in original sealed packaging. Keep bucket/jar closed when not in use. Use within 12 months of date of manufacture.

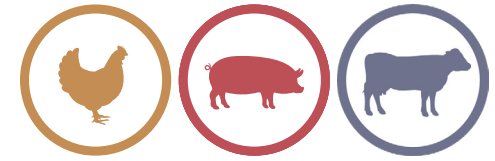
Available in 10kg buckets, 875g and 150g jars.

ImmuGuard Green organic formulation available on request.

For more information on **ImmuGuard** and Volacs' range of products and services for livestock please visit our comprehensive site at: volac.com

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Animal Nutrition



ImmuGuard

IMMUNE SUPPORT

ABOUT VOLAC

Volac is dedicated to developing cutting-edge product-based agricultural solutions and species-specific programs designed to improve animal health and performance.

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Immune Support

HEALTH PROTECTION FOR YOUNGSTOCK

ImmuGuard

IMMUNE SUPPORT

ImmuGuard is a complementary feed for youngstock designed to support immunity and the natural microbiome, promote a healthy gastrointestinal tract (GIT) and improve youngstock well-being. It is suitable for all ruminants, swine and poultry.

Benefits

- Stimulates the immune system
- Increased resilience to disease
- Less disease losses
- Increased growth rates
- Improved feed conversion
- Increased fertility in later life
- Increases hind gut health



The Immunity Challenge

The immunity supplied from mother to juvenile animals only lasts for a short time. Its own immune system does not appear until some time later when antibodies start to be formed. During the intervening period the intestinal microfloral balance is particularly important to prevent infections and strengthen the immune system.

ImmuGuard Features

ImmuGuard contains β glucans which are produced by extraction from the wall of yeast cells. Stimulating the immune system, increasing activity of white cells, increasing resilience to disease and increasing growth and feed conversion.

ImmuGuard contains Mannan-oligosaccharide (MOS), which binds pathogenic bacteria including *E.coli*, *Salmonella*, *Proteus* and *Klebsiella*.

ImmuGuard contains Fructan-oligosaccharide which gets to the hind-gut where it can feed the beneficial bacteria, protecting against damage from *Salmonella*, *E. coli* and *Clostridia* spp.

ImmuGuard contains natural antioxidants Gluconic acid and Polyphenols which support better hind-gut health and contribute to good growth rates and feed conversion.

ImmuGuard is rich in biologically active ingredients and nutrients derived from *Saccharomyces cerevisiae*, positively enhancing the survivability and growth of probiotic bacteria such as *Lactobacilli* and *Bifidobacterium*.



ImmuGuard

Nutritional Support

Nutraceuticals play a key part in supporting the immune system through managing GIT health and resilience. Both probiotics and prebiotics can have a measurable positive affect on the GIT, modulating the microflora and therefore having a positive affect on the immune status of the animal. ImmuGuard has been developed to provide this essential support.

Trialed and Tested

The beneficial biological activity of β -glucans can be measured by the release of bactericides Hydrogen peroxide and Nitric oxide. The activity of pure β -glucan was compared to ImmuGuard and three other commercially available products: ImmuGuard performs almost equally to the pure β -glucan. Nitric oxide release is higher in ImmuGuard when compared to three other commercially available β -glucan products.

