

## PRODUCT DESCRIPTION



# SFF PROBIOTICS

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# EQ PLUS®

## !MORE PROTECTION AND BETTER PERFORMANCE!

SFF Probiotics EQ Plus® is a balanced blend of beneficial microorganisms, to be incorporated into feed or water for animal consumption.

The overuse of antibiotics in the animal feed industry is leading to inevitable side effects of microbial resistance. In addition, residual antibiotics in food of animal origin impose serious health problems on humans. Therefore, probiotics based on *Bacillus velezensis* are becoming relevant as alternatives to the antibiotics used.

Their ability to attach to epithelial cells, produce extracellular enzymes, and demonstrate antagonistic activity against selected pathogens of significant importance in animal production, so they exhibit strong integrative probiotic effects and can potentially be formulated as a probiotic preparation.

## BENEFITS

- Increases the concentration of beneficial intestinal microorganisms, thus helping to reduce pathogenic microorganisms such as *E. coli*, *Salmonella* and *C. perfringens*.
- Induces the improvement of the intestinal innate immune response by reducing intestinal colonization by pathogens.
- Anti-inflammatory effect of the intestinal mucosa.
- They act as promoters of natural growth.
- In broilers and piglets it has been shown to improve growth and feed conversion.
- In laying hens the significant increase in the average rate of egg production and daily feed consumption.
- Increase in the average weight of the egg.
- Increases eggshell strength, yolk color, albumin height and Haugh unit.

# INGREDIENTS

EFFECT	CONCENTRATION (UFC/g) %
Bacillus subtilis 10 <sup>11</sup> CFU/g	45 %
Bacillus licheniformis 10 <sup>11</sup> CFU/g	45 %
Diatomaceous earth	10 %

\*Both species of Bacillus are considered suitable for use in animals on the AAFCO list (American Official Food Control Association). The addition of 1 Kg of SFF Probiotics EQ Plus® per Ton of balancing guarantees: 4×10<sup>8</sup> CFU/g of Bacillus spp; 1×10<sup>6</sup> CFU/g of Yeasts; 1,000 IU/Kg of Glucose Oxidase; 2,000 IU/Kg of Cellulase; 2,500 IU/Kg both B-Manasa and Glucanase; 3,000 IU/Kg Pectinase; and 15,000 IU/Kg of both Phytase and Xylanase.

## RECOMMENDED DOSAGE

Dosage for aquaculture:

Larviculture 10 ppm every day from planting rise to 20 ppm critical days.

Maturation 5-10 ppm

Dispatch water 10 ppm.

Balanced feed (use only together with oil bath) 100-500 g per MT.

Poultry and Pigs

Feed

If there is no heat exposure (pelletizing) place 100-250 grams per MT of feed.

If there is pelletizing (use only next to oil bath) 100-250 g per MT.

In water drinkers 1-10 grams per 1000 liters of water.

## WITHDRAWAL TIME

Being natural products they do not have times in retirement periods.

Being natural products, they do not leave residues in meat or eggs.

To be managed throughout the production cycle.

## PRESENTATION

20 kg (44 pounds) bag

Sanitary Registration Ecuador: SCI-R004700

Warehouse Registration: BIA-8077



Made in the United States with  
SFSF Certified System (Safe Feed Safe Food)

