

Avi-Bac WS

Growth Promoting Probiotic

A concentrated source of viable, naturally occurring blend of beneficial bacteria and enzymes designed for use as a probiotic in poultry feed or water.



Features & Benefits:

- Provides the beneficial effects of both *Lactobacillus* and *Bifido* bacteria
- Contains a combination of the digestive enzymes amylase, cellulase, beta-glucanase and hemicellulase
- Enhances the growth of beneficial bacteria in the digestive tract
- Helps prevent the colonization of undesirable pathogenic bacteria such as *E. coli* and *Salmonella* in the digestive tract
- Improves feed intake and digestion resulting in improved production performance
- Assists in avoiding digestive upsets
- Improves the bird's ability to overcome stress conditions
- Manufactured in the United States of America

Field Trial 1: Evaluation of Avi-Bac WS on Broiler Chicken Performance

Parameter	Control	AVI-BAC WS (25 g/100 liters of drinking water)
Number of birds	720	720
Average final weight (kg)	2.420 _a	2.463 _b
Feed/Gain (Actual)	1.934 _a	1.900 _b
Feed/Gain (Adjusted)	1.095 _a	1.858 _b
Mortality (%)	3.05	2.50

Means with different subscripts are different at $P < 0.05$

- The addition of Avi-Bac WS to the feeding program of the broilers resulted in a significant improvement in both final body weight and feed efficiency
- Body weight was increased by more than 1.75% while feed efficiency was also improved by 1.75%
- In addition, mortality was decreased to some extent in the birds fed Avi-Bac WS when compared with the control birds
- The results of this trial prove that the combination of beneficial *Lactobacilli* and *Bifidobacterium* bacteria and digestive enzymes found in Avi-Bac WS, improves performance of broiler chickens

Field Trial 2: Evaluation of Avi-Bac WS on Broiler Chicken Performance

Parameter	Control	AVI-BAC WS (25 g/100 liters of drinking water)
Number of birds	600	600
Average final weight (kg)	2.213 _a	2.272 _b
Feed/Gain (Actual)	2.042 _a	2.022 _b
Feed/Gain (Adjusted)	1.942 _a	1.914 _b
Mortality (%)	9.97	9.84

Means with different subscripts are different at $P < 0.05$

- The addition of Avi-Bac WS to the feeding program of the broilers resulted in a significant improvement in both final body weight and feed efficiency
- The birds given the Avi-Bac WS showed a significant improvement in weight gain of 2.66%
- This increase in body weight was obtained with a significantly improved feed efficiency when adjusted for body weight
- These results show that the administration of Avi-Bac WS, which assists in maintaining a healthy intestinal microflora to help maximize feed digestion and utilization and prevent digestive upsets, can be a valuable tool for improving the performance of broiler chickens

Guaranteed Analysis:

Nutrient	Product Specification
Total lactic acid bacteria (<i>Lactobacillus acidophilus</i> , <i>Lactobacillus plantarum</i> , <i>Bifidobacterium bifidum</i>)	1.0 x 10 ⁸ CFU/g
Enzymes (Amylase, Protease, Beta-glucanase, Hemicellulase)	34.5 Units/g

Ingredients:

Dried *Lactobacillus acidophilus* fermentation product, dried *Lactobacillus plantarum* fermentation product, dried *Bifidobacterium bifidum* fermentation product, dried *Bacillus subtilis* fermentation extracts, dried *Aspergillus oryzae* fermentation extracts, maltodextrin, lactose

Directions For Use:

Administer at the rate of 25 grams per 100 liters of drinking water or add to the feed at a rate of 250 – 500 grams per ton.

Appearance & Packaging:

White to off-white, free-flowing powder with little to no odor packaged in 500 gram pouches, 1 kg pouches, 10 kg pails, and 25 kg bags. Product is readily soluble in water.

Storage:

Store in a cool, dry area. Keep container closed when not in use. For best results, store in an air-conditioned or refrigerated environment. Avoid elevated temperatures and humidity.

Shelf Life:

2 years from date of manufacture

PROBYN
Animal Life Force Products

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