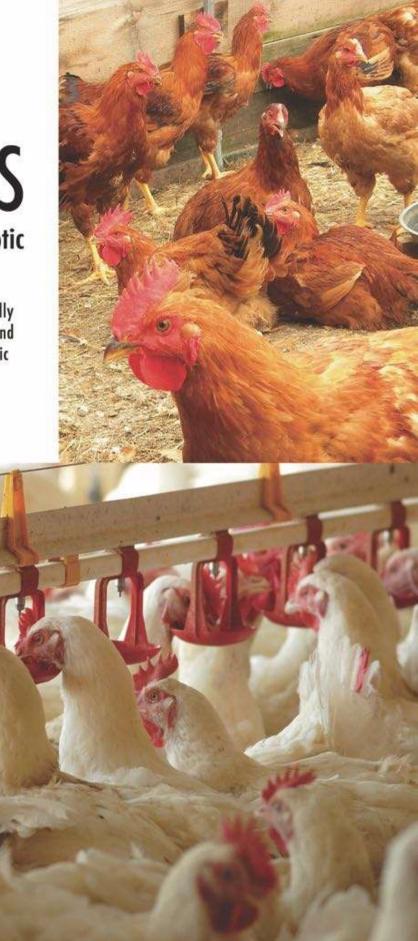


# Avi-Bac WS

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

Parameter	Control	AVI-BAG W5 (25 g/100 liters of drinking water)
Number of birds	720	720
Average final weight (kg)	2.420,	2.463 <sub>b</sub>
Feed/Gain (Actual)	1.934	1.900 <sub>b</sub>
Feed/Gain (Adjusted)	1.095	1.858 <sub>b</sub>
Mortality (%)	3.05	2.50

Means with different subscripts are different at  $P \le 0.05$ 

- 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 deceased 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

Parameter	Control	AVERAC WS (25 gr 100 liters of drinking water)
Number of birds	600	600
Average final weight (kg)	2.213 <sub>a</sub>	2.272,
Feed/Gain (Actual)	2.04Z <sub>a</sub>	2.022
Feed/Gain (Adjusted)	1.942	1.914
Mortality (%)	9.97	9.84

Means with different subscripts are different at  $P \le 0.05$ 

Avi-Buc WS

- 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 (Lactobacillus acidophilus, Lactobacillus plantarum, Bifidobacterium bifidum)	1.0 x 10 <sup>8</sup> 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 subtilus 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



Manufactured By:
PROBYN INTERNATIONAL INC.
123 W. St. Charles Road, Unit 200
Lombard, IL 60148 USA
Into@probyn.com
www.probyn.com