

Microfeed Enzyme Blend W

Feed Digestive Supplement

Enzyme Blend W is a feed supplement enzyme concentrate, designed to enhance the digestion of animal feed. Maximum availability of the feed nutrients is achieved by the powerful hydrolyzing effect of enzymes in **Enzyme Blend W**. **Enzyme Blend W** is a highly concentrated source of: Protease, Amylase, Cellulase, Lipase and Pectinase enzymes produced by *Aspergillus oryzae* fermentation and extraction methods.

ACTIVE INGREDIENTS

- Protease (5,000,000 units/kg minimum)
- Amylase (37,500,000 units/kg minimum)
- Cellulase (2,000,000 units/kg minimum)
- Lipase (1,500,000 units/kg minimum)
- Pectinase (1,000,000 units/kg minimum)

MIXING INSTRUCTIONS:

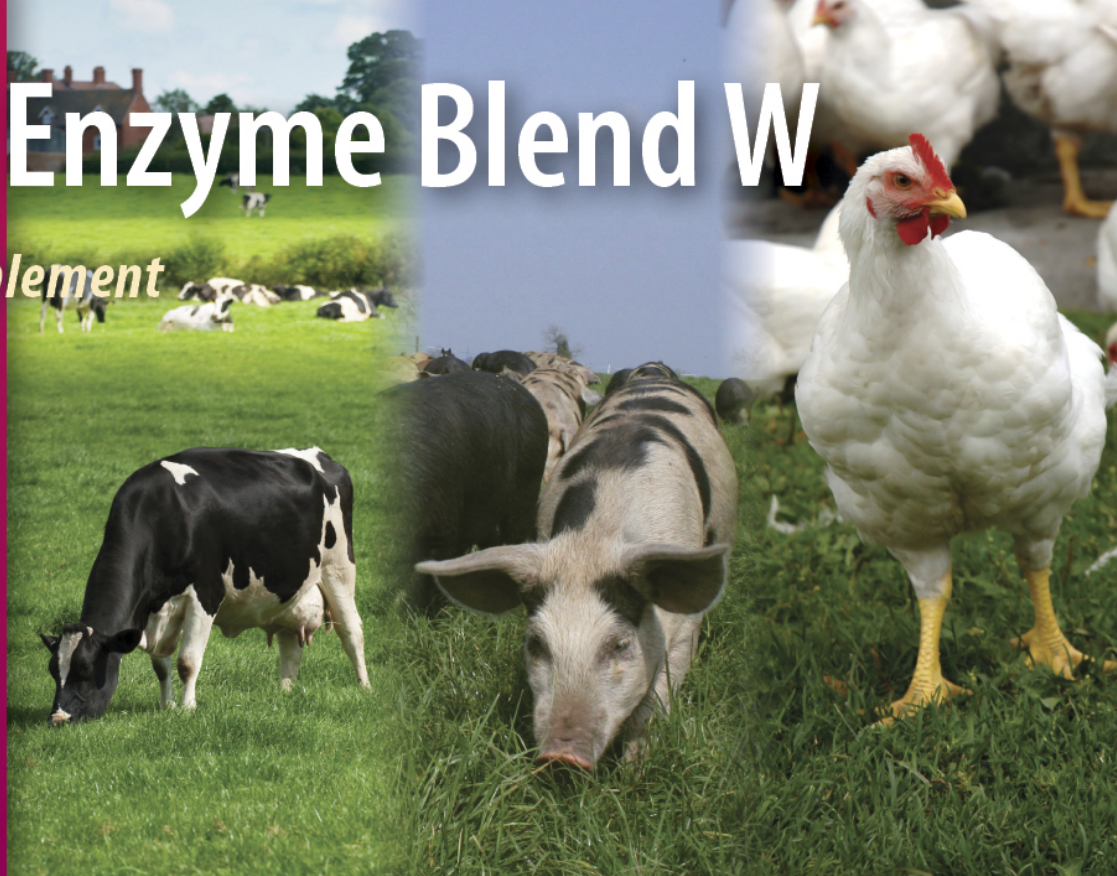
Add 50-150 grams per ton of feed.

STORAGE:

Store in dry cool room. Avoid moisture.

PACKING:

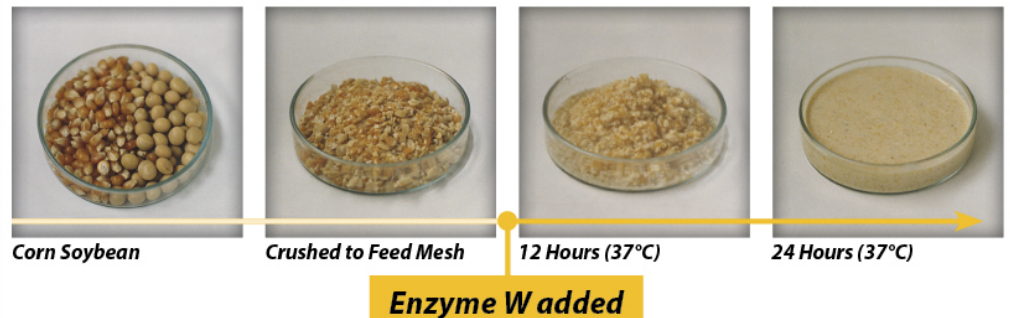
Packed in 20 kilogram bags within fiberboard boxes.



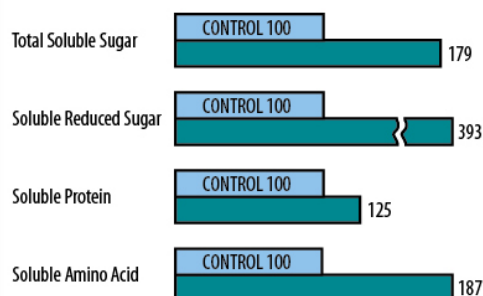
Superb Feed Digestion

Enzyme Blend W hydrolyzes feed components to a more usable form of nutrients for animals. In vitro experiments, as shown below illustrate this point.

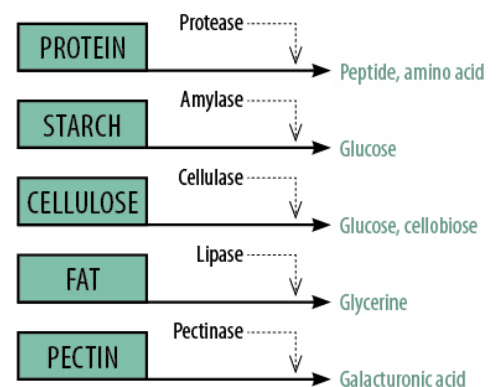
Feed Ingredient Digestive Test



Feed Ration Digestive Test

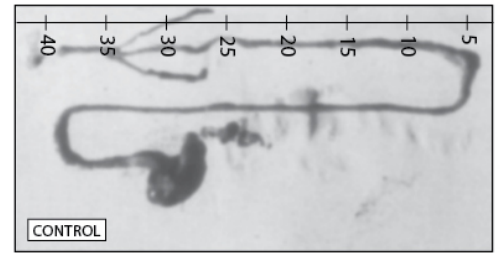
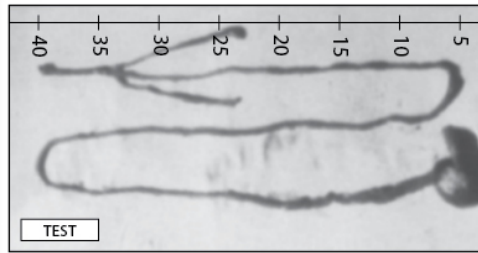


Specific Enzyme Activity



Benefits of Using Enzyme Blend W in Feed Rations

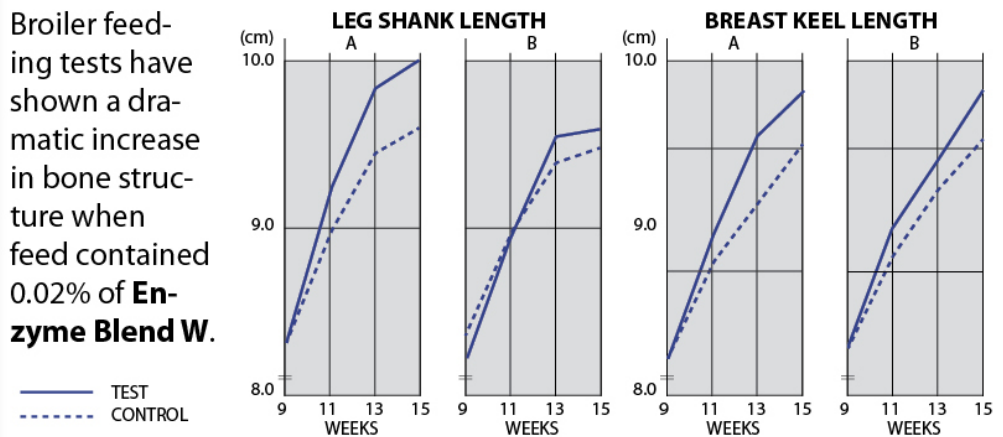
Elongated Digestive Tract



	TEST	CONTROL	DIFFERENCE
BODY WEIGHT (kg)	3,650	3,650	0
length of digestive tract (mm)	2,340	2,165	+175 (+8%)

Increased Bone Structure

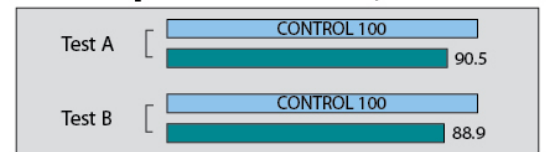
Broiler feeding tests have shown a dramatic increase in bone structure when feed contained 0.02% of **Enzyme Blend W**.



Increased Lean Meat

Experiments show that more lean meat and less fat is deposited when Enzyme W is supplemented to the feed.

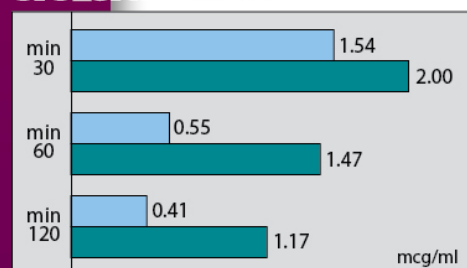
Fat Comparison (Broilers experiments)



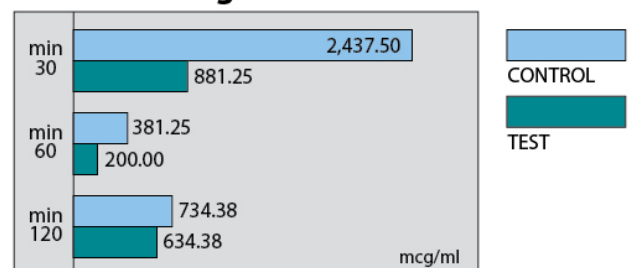
Accelerated Antibiotic Absorption

Enzyme Blend W can accelerate absorption of antibiotics in feed. Antibiotic levels in the blood increases very rapidly with the addition of **Enzyme Blend W** in the feed. In contrast, without Enzyme W, the antibiotic residue remains higher within the intestinal contents.

CTC Level in Blood



CTC Remaining within Intestinal Feed



* TEST group received 60mg of **Enzyme Blend W** and 100mg of CTC (chlortetracycline) orally per kg body weight. CONTROL received 100mg of CTC orally per kg body weight. Data taken 30, 60 and 120 minutes after administration.