

GRAIN-AID™ PP200



Poultry Digestive Enzyme Blend for Grain-based Diets



IMPROVE FEED
CONVERSION



REDUCE WASTE
EXCRETA AMOUNT



LOWER NUMBER OF
INTESTINAL DISEASES

OVERVIEW

GRAIN-AID™ is a highly effective enzyme blend designed to meet the unique demands of modern poultry feeding.

Designed for cereal-based diets like rye, triticale, barley, soyabean, corn and sorghum, GRAIN-AID™ increases digestibility, absorption of nutrients and enhances utilization efficiency of feed stuffs. Its enzymes inhibit anaerobic microbial growth, thus reducing the incidence of intestinal diseases. It also reduces the quantity of wastage (excreta), thereby improving hygiene and reducing environmental pollution.

DECLARED ACTIVITY

Protease: 1,000,000 PCU/kg

Amylase: 800,000 BAU/kg

Xylanase: 600,000 XU/kg

Mannanase: 2,500,000 MNU/kg

Phytase: 1,000,000 FTU/kg



PP200

US-made. Globally distributed.

METHOD OF ACTION

The protease activity helps in hydrolysing the proteins to low molecular weight peptides & amino acids. The amylase is an endo-amylase capable of randomly hydrolyzing the starch polymer to short oligomers. The xylanase activity helps to break down the complex NSPs like xylans & arabin-xylans to xylo-oligosaccharides. The mannanase helps to hydrolyzes galactomannans, glucomannans & galactoglucomannans to oligosaccharides. The phytase initiates phytate (inositol hexakisphosphate) de-phosphorylation at the L-6 position thus releasing entrapped phosphorus in feed ingredients.

DOSING & STORAGE INSTRUCTIONS

250 to 750 grams per ton of feed.

Actual dosage however, may vary depending upon various factors including feed composition, pelleting conditions and the desired end results or as recommended by the qualified Nutritionist.

Should be stored in a cool, dry place. Storage in unopened containers, at or below 5°C, helps to maintain maximum activity if stored over long periods.

FREQUENTLY ASKED QUESTIONS

1. Is this product water-soluble?

Yes, the product is soluble at all concentrations with normal usage

2. Can I pellet this product in my feed product?







Grain-Aid can be pelleted and is stable up to 85°C. Work with a qualified technician to understand if this is suitable for your pelleting operation.

RECOMMENDED SPECIES

Chickens (broilers, hens), turkeys, ducks, and geese.

Grain-Aid can be used with any animal species which is fed a grain-based diet.

TECHNICAL DATA

-  Avoid breathing dust / fumes / gas / mist / vapors / spray.
-  Contaminated work clothing should not be allowed out of workplace.
-  Wear protective gloves and eye protection. If eyes or skin are contacted, rinse thoroughly. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. If symptoms persist, call a physician.
-  Sealed and stored properly.
-  Shelf Life: **24 months from production date**
-  Form: **Cream to light brown colored powder**
Kosher-certified, Halal-certified, non-synthetic and biodegradable.