KEMZYME® Protease

Undigested protein is a high cost in feed formulation. The rate and extent of protein digestion are relevant to broiler performance and health: inadequate digestion results in an increased supply of undigested nutrients to the lower gastrointestinal tract (GIT), causing bacterial overgrowth and inflammation. Protease enzymes can be added to animal feed with the purpose of increasing dietary protein hydrolysis and therefore, enhance the nutritional value of animal feed.

KEMZYME® Protease is a unique and highly heat-stable multi-protease solution* for poultry, designed to have maximum functionality in varying feed formulations.

**patented – nr US 8,815,315 B2: comprises a method for improving the digestibility of a feed, based on adding a mixture of at least one acidic protease, one alkaline protease, and a neutral protease, to an animal feed and directly feeding this to an animal*

MODE OF ACTION

- Combines 3 different, proteases (an acidic, neutral and alkaline) for superior amino acid release in the different segments of the GIT compared to single proteases
- Coated for gastric and thermo-stability
- Significantly increases crude protein and AA digestibility
- Improves nitrogen retention
- Reduces microbial growth in the small intestine and endogenous losses

BENEFITS

- Broad spectrum ingredient compatibility
- Supports an optimal gut health, performance and carcass yield
- High and reliable nutritional matrix values, based on CP and AA
- Supports a better environmental footprint of production

PACKAGING

- Manufactured with rigorous quality standards ensuring high safety in use
- Available in a 25 kg bag
- 24 months shelf-life

APPLICATION

- Approved for all poultry species
- Flexible in use, efficient and easy to incorporate in your diets
- Can be applied either:
  - "On top" of the existing feed formula, for enhancing bird performance: 150g/ton of feed
  - In a re-formulation strategy for saving feed costs, through replacement of expensive raw materials by other, less costly ingredients with lower nutritional value and higher fiber content: 300g/ton of feed

KEMIN®

kemin.com/kemzyme