

KEMZYME® Plus

Many feed ingredients in poultry diets are not fully digested. By using feed enzymes, it is possible to improve nutrient digestibility and, therefore, enhance the nutritional value of animal feed.

KEMZYME® Plus is a unique* multi-enzyme solution for complex substrates, designed to have maximum functionality in varying feed formulations.

It combines three different NSP enzymes (xylanase, β -glucanase and cellulase) for the degradation of structural NSP and two different endogenous-like enzymes (amylase and protease).

**the only EU registered additive with 5 declared and quantified enzyme activities, Identification number 4a1620i*



MODE OF ACTION

- Active at both low and neutral pH, thanks to a combination of fungal and bacterial enzymes
 - efficient throughout the entire intestinal tract
 - earlier and longer impact on feed digestion resulting in higher nutrient availability
- Complements endogenous enzyme production with extra protease and amylase – key to overcome deficiencies around weaning
- Increases crude protein digestibility and nitrogen retention
- Improves digestibility of the NSP fraction of the diet
- Reduces microbial growth in the small intestine and endogenous losses



BENEFITS

- Fits to any kind of feed substrate
- Supports an optimal bird health and performance
- In laying hens: improves laying rate, total production of eggs, egg mass, reduces amount of feed per egg produced
- High and reliable nutritional matrix values, based on AME, CP and AA
- Can be applied in organic production: Enzymes are derived from non-GMO organisms
- Supports a better environmental footprint of production



PACKAGING

- Manufactured with rigorous quality standards ensuring high safety in use
- Available in a 25 kg or 1000 kg bag
- 24 months shelf-life



APPLICATION

- Efficient and easy to incorporate at a flexible dosage:
 - **KEMZYME Plus Dry** for use in complete feed

Broilers • Rearing laying hens	min. 500g/
(chickens or minor avian species)	ton of feed
Turkeys • Laying hens • Minor avian species for fattening	min. 250g/
	ton of feed
 - **KEMZYME Plus Concentrated Dry** for use in a premix/concentrates prior to use in complete feed

Broilers • Rearing laying hens	min. 50g/
(chickens or minor avian species)	ton of feed
Turkeys • Laying hens • Minor avian species for fattening	min. 25g/
	ton of feed
- Can be applied either:
 - "On top" of the existing feed formula, for enhancing bird performance
 - In a re-formulation strategy for saving feed costs, through replacement of raw materials by other, less costly ingredients with lower nutritional value and higher fiber content

KEMIN®

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