HOSTAZYM® X microGranulate 3000 EPU; 6000 EPU; 15 000 EPU; 30 000 EPU

COMPOSITION

Content	Hostazym® X 3000 EPU	Hostazym® X 6000 EPU	Hostazym® X 15 000 EPU	Hostazym® X 30 000 EPU
Min. endo-1,4 - beta – xylanase activity per gram	3000 EPU	6000 EPU	15 000 EPU	30 000 EPU

Hostazym® X microGranulate is a feed enzyme preparation derived from the fungus *Trichoderma longibrachiatum.*

MODE OF ACTION

The endo-pentosanase (xylanase) in Hostazym® X microGranulate hydrolyses non-starch polysaccharides (e.g. cellulose in cereals), thus reducing the gel-forming (viscous) properties in these raw materials. The degradation on non-starch polysaccharides leads to a reduced viscosity of the digesta resulting in an improved availability and absorption of nutrients. Overall utilization of the nutrients is increased.

USE

The product is used as a feed additive, which breakdowns macromolecules and anti-nutritional factors, such as Non-Starch Polysaccharides into absorbable nutrients in feed.
Hostazym® X microGranulate allows for higher inclusion levels of wheat and barley or combination of these two into the feed.
Hostazym® X microGranulate is a feed enzyme preparation for use in pig and poultry diets, which contain cereals such as corn, wheat, barley, rye, or triticale as major feed components. Hostazym® X microGranulate significantly reduces the anti-nutritional effects of the Non-Starch-Polysaccharides (NSPs) presented in wheat, barley, triticale and rye. As a multi-enzyme preparation, Hostazym® X microGranulate also contains cellulase, alpha-amylase, protease and hemicellulase side activities. It improves the utilization of nutrients in feeds containing wheat, corn, rye, triticale, barley, soy bean meal, sunflower meal and rapeseed meal (30-70%).

CONTRAINDICATIONS

Not established.

MODE OF ADMINISTRATION

In feed, following good homogenization with feed. In order to reach uniform homogenization with feed, it is recommended to mix the measured quantity of Hostazym® X microGranulate (calculated on the basis of the prescribed dose) on stages in the following order: up to 10 kg feed; up to 100 kg feed; and up to 1000 kg feed.

TARGET SPECIES

Poultry and pigs.

DOSAGE

Species	Min. activity per kg of complete feedstuff	Recommended inclusion rate, g/ ton feed			
		Hostazym® X 30 000 EPU	Hostazym® X 15 000 EPU	Hostazym® X 6000 EPU	Hostazym® X 3000 EPU
Chickens for fattening	1500 EPU	50	100	250	500
Turkeys for fattening	1050 EPU	35	70	175	350
Laying hens	1050 EPU	35	70	175	350
Piglets	1500 EPU	50	100	250	500
Pigs for fattening	1500 EPU	50	100	250	500

Registration status may vary by the geographical region.

SIDE EFFECTS

Not established.

WITHDRAWAL PERIOD

Not applicable.

STORAGE

In the original packing, well closed, in dry and well-ventilated facilities, protected from direct sunlight.

PACKING

20 kg PE-lined multi-layer paper bags.

FURTHER INFORMATION

Temperatures above 85°C during pelleting may reduce the enzymatic activity.