



Hostazym[®] X

DESCRIPTION

Hostazym X is a feed enzyme derived from *Trichoderma longibrachiatum* for use in swine and poultry diets which contain corn-soybean meals, dried distiller's grain with solubles (DDGS), and wheat as major feed components. Hostazym X significantly reduces the anti-nutritional effects of the non-starch-polysaccharides (NSPs) contained in these ingredients. As a multi-enzyme complex, Hostazym X has mainly endo-xylanase activity as well as NSP degrading enzymes: endo-1,4- β -xylanase, endo-1,4- β -glucanase, endo-1,3 (4)- β -glucanase, α -amylase and protease activity. It improves the utilization of nutrients in feed containing corn, wheat, DDGs, and soybean meal.

FUNCTIONALITY

The endo-pentosanase (xylanase) in Hostazym X hydrolyzes xylans, 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 the free utilization of the raw nutrients is increased.



TARGET SPECIES

Poultry and swine.

DOSAGE

Species	Min activity per kg of complete feed	Recommended inclusion rate, g/ ton feed			Inclusion rate, g/liter
		Hostazym X 100	Hostazym X 250	Hostazym X 1.0	Hostazym X WSP
Chickens	1500 EPU	91	228	455	14.95
Turkeys	1050 EPU	64	160	320	14.95
Laying hens	1050 EPU	64	160	320	10.47
Swine	1500 EPU	91	228	455	14.95

STORAGE

Store in the original packing, in clean, dry and well-ventilated facilities, protected from direct sunlight at temperatures between 59 - 77°F.

PACKAGING

Available in five product variations: Hostazym X 1.0, Hostazym X 250, Hostazym X 100, Hostazym X 100 Liquid and Hostazym X Water Soluble Powder.

FURTHER INFORMATION

Temperatures above 185°F during pelleting may reduce the enzymatic activity.

SHELF LIFE

One (1) year from date of manufacture.



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