

# grainzyme<sup>®</sup> PHOS<sup>®</sup> Phytase

## Product Overview:

Dry source of phytase produced through Interius™ technology inside the grain of corn (*Zea mays*)

## Product Description:

Ground corn containing a dietary phytase enzyme (EC 3.1.3.26) specifically developed for use in poultry and swine to hydrolyze phytate and increase the digestibility of phytic acid-bound phosphorus.

## Guaranteed Analysis:

Phytase activity not less than 5,000 FTU/g. One phytase unit is defined as the quantity of enzyme that liberates 1 micromole of inorganic phosphate per minute from sodium phytate at 37°C, pH 5.5.

## Processing stability:

It is recommended to maintain temperatures at or below 85°C (185°F) during pelleting process and processing time to 30 seconds or less.

## Ingredients:

Ground corn containing phytase

## Feeding Instructions:

Mix into complete diets at the following rates or per the recommendation of a qualified nutritionist:

Species	Grams/MT	Grams/ton	Lb/ton
Layers	30 g - 150 g	27 g - 136 g	0.06 lb - 0.3 lb
Breeders/broilers/ other poultry	70 g - 600 g	64 g - 545 g	0.14 lb - 1.2 lb
Swine	70 g - 800 g	64 g - 727 g	0.14 lb - 1.6 lb

Nutritional value of corn can be considered during formulation.



## DANGER

May form combustible dust concentrations in air. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

## PRECAUTIONS

Prevent dust accumulation to minimize explosion hazard. Keep away from heat/sparks/open flames. Keep container tightly closed. Avoid breathing dust. In case of inadequate ventilation wear respiratory protection.

If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. In case of fire: Use appropriate media to extinguish. For more information, please refer to SDS.

## Storage/Disposal Instructions:

Store in a cool, dry place. Store away from incompatible materials. Dispose of contents/container in accordance with local/regional/national/international regulations.

## Expiration date:

18 months from date of manufacture.

**Net Weight: 55.1 lb (25 kg)**

# NOVUS<sup>®</sup>

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