



OptiPhos®
The Advanced Phytase

OptiPhos 2000 PF

Product Data Sheet

Purpose: OptiPhos 2000 PF, a phytase, will increase the digestibility of phytic-bound phosphorus in pelleted poultry and swine rations. OptiPhos will allow the producers to reduce the amount of inorganic phosphorus in the diet, in addition to significantly reducing phosphorus levels in manure.

Guaranteed Analysis: Phytase activity (*Pichia pastoris*).....2,000 U/g*

*One unit of phytase (FTU) from *Pichia pastoris* is equal to the amount of enzyme catalyzing the release of 1.0 micromole/minute of phosphorus from an excess of sodium phytate substrate at pH 5.5 and 37°C (98.6°F).

Appearance/Characteristics:

A granular product that is brown/tan in color and has a bulk density of 42 lbs./cubic feet.

Shelf Life/Storage: Unopened product: Store in a dry place at room temperature 22°C (72°F); use within 12 months from the date of manufacture. Refer to container for lot number and manufacturing date.

Opened product: Use container within a short period of time.

Packaging: 25 kg (55.1 lb.) polyethylene lined multi-layer paper bags.

Directions: RECOMMENDED MIXING DIRECTIONS

Mix into complete diets at the following rates (ton=2,000 lbs.):

| Species | Grams/ton | lb./ton | FTU/ton of Feed |
|---------|-----------|-----------|-----------------|
| Layer | 55-113 | 0.12-0.25 | 110,000-227,000 |
| Broiler | 91-453 | 0.20-1.00 | 182,000-906,000 |
| Turkey | 91-453 | 0.20-1.00 | 182,000-906,000 |
| Swine | 91-453 | 0.20-1.00 | 182,000-906,000 |