



## THE TECHNOLOGY

OptiPhos®, the most active and technologically advanced phytase product available, is supported with extensive research studies across multiple species including pigs, chicken broilers, chicken layers, turkeys and ducks. OptiPhos® is most active at pH levels common in the upper digestive tract, where phytase phosphorus digestion is greatest. Compared to other phytases, OptiPhos® has much higher activity in this key area. Also, unlike first-generation phytases (all other phytases) that are negatively affected by pepsin (the primary digestive enzyme of the stomach), OptiPhos® is resistant to pepsin.

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Inventor	Xingen Lei
Licensee	Phytex, LLC

## THE PRODUCT

### OptiPhos®

OptiPhos® releases more phosphorous from feed grain in poultry and swine than any other phytase product. This results in an enhanced diet for the animal as inorganic phosphate is replaced by energy. In addition, OptiPhos® benefits the environment as substantially less phosphorus is released onto the land. OptiPhos® is available in product forms for pelleted and non-pelleted diets, and even comes in a liquid form. OptiPhos® was approved by the United States Food and Drug Administration in July 2005.