

# PENTOzyme®

Researched and Developed by the National Center  
for Genetic Engineering and Biotechnology (BIOTEC), Thailand



Registration No. 01 04 58 0439

High quality enzymes for animals

Produced by using Multi-enzyme preparation technique

- PENTO Zyme is a high concentrated complex NSP-ase enzyme includes Amylase & Phytase
- PENTO Zyme is produced by activated high unit production technique
- PENTO Zyme is produced by non GMO fermentation of *Aspergillus niger* BCC 7178
- Suitable for using in high-NSP feedstuffs such as corn, soybean meal, cassava, palm meal etc.



## Benefits of PENTO Zyme

- Reduce feces and nitrogen & phosphorus output
- Reduce bad smell caused by ammonia
- Reduce feed costs
- Reduce digestive disorders caused by fiber in feed
- Improve the digestibility of fiber in feed
- Improve utilization efficiency of NSP raw material feed
- Improve uniform pig growth
- Improve ADG, FCR and FCG

## PENTO Zyme Specifications :

Guarantee minimum of multi-enzyme activities per kilogram include :

|                   |            |       |
|-------------------|------------|-------|
| 1. Xylanase       | 18,000,000 | units |
| 2. Amylase        | 17,000,000 | units |
| 3. Beta-Glucanase | 10,000,000 | units |
| 4. Cellulase      | 4,900,000  | units |
| 5. Mannanase      | 2,000,000  | units |
| 6. Pectinase      | 1,000,000  | units |
| 7. Phytase        | 600,000    | units |

Recommended dosage : 400 g/ton feed

Package : 1 & 10 & 20 kg



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