



# ZYMPEX<sup>®</sup>-006

## ZYMPEX<sup>®</sup> Power Enzymes

### INTRODUCTION

- Z Zympex-006, is endo, beta 1-4-xylanase (E.C, 3.2.1.8), made by Solid State fermentation by *Aspergillus niger*.
- Z Zympex- 006, can degrade xylan long chains to xylan short chains, Xylo-oligosaccharides, which act as Prebiotics.
- Z ZYMPEX-006, effectively degrades plant cell walls, release nutrients and improve the digestibility of feed.
- Z Zympex-006, is effective against both Soluble NSP's & Insoluble NSP's.
- Z Zympex-006, reduces the viscosity of the ingesta effectively, eliminating "Cage Effect" .
- Z Zympex-006, presents "XOS" for growth of Bifidobacterium & Lactobacillus, which synthesize VFA's (Butyric Acid).
- Z Zympex-006, hence promote gut health.

### FEATURES

#### SPECIFICATIONS

10,000 units /gm of endo, beta 1-4-xylanase (Impextraco Specs).

One unit of the xylanase is the amount of xylanase which degrades xylans to release xylose (reducing sugars), in one minute at 50°C.

Zympex-006, has been extracted from *Aspergillus niger*, finest organism to synthesize potent thermostable enzymes.

Hence, Zympex-006, can easily withstand 95 °C (203 F) Dry Heat.

Following prescribed inclusion level, spares energy up to 80 k cal/kg.

#### Z ZYMPEX-006 Ensures:-

- Z Optimal NSP breakdown for increased energy utilization.
- Z Optimal Gut Health through Butyrate production by Intestinal microflora.
- Z Optimal Intestinal mucosal maintenance by promoting villus repair.

#### DOSAGE

150-250 gm/MT feed  
BROILERS: 150 to 200 gm/MT  
LAYERS: 100 gm/MT

#### PACKING

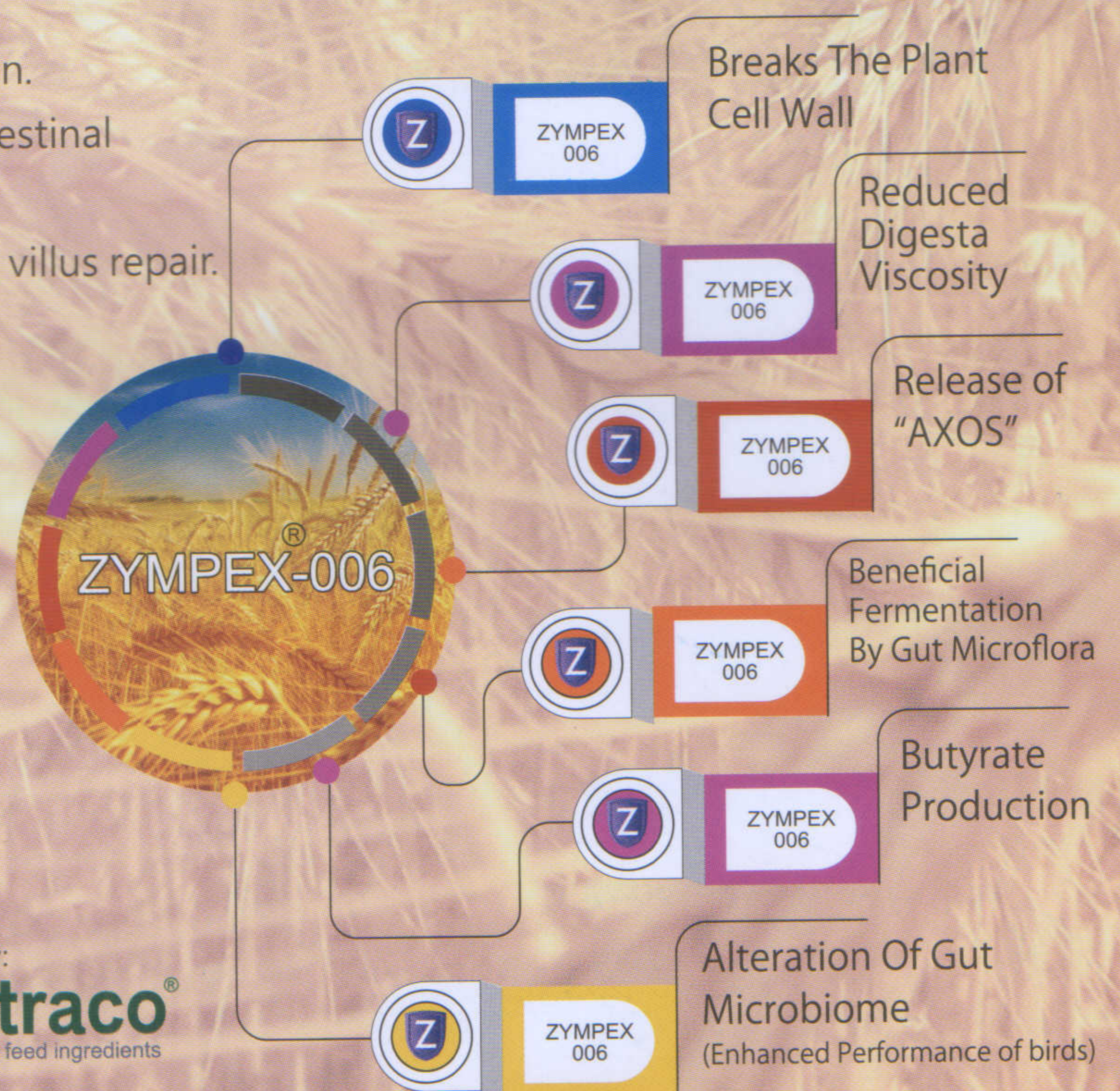
25 KG bags

#### FEED TOP OVER

Trials proved that if used over feed, Zympex-006 can improve the FCR efficiently.

### PROMINENT FUNCTION

Prebiotic effect of "Arabinoxylan Oligosaccharides (Axos)"



Sole Distributor in Pakistan:

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Indentor, Importer & Distributor  
Sale Office: 210-Rewaz Garden, Lower Mall, Lahore - Pakistan  
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E-mail: jawadimpexintl@gmail.com  
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Manufactured By:  
**Impextraco**<sup>®</sup>  
Optimizing feed ingredients



**ZYMPEX**<sup>®</sup>  
Power Enzymes



# ZYMPEX-006

Endo-1-4- $\beta$ -xylanase  
ONE ENZYME - A WORLD OF  
BENEFITS

Select Quality, Select ZympeX-006

## Z ZYMPEX 006, employs:-

- ◆ State of the Art, Solid State Fermentation (SSF).
- ◆ Novel organism, *Aspergillus flavus*.

## Z ZYMPEX 006, provides:-

- ◆ Flexibility in using a variety of non-conventional feed ingredients (Wheat, Barley, Rice Bran, Wheat Bran).

## Z ZYMPEX 006, reduces:-

- ◆ Inflammation effectively by E.Coli & Cl. perfringens caused by proliferation on undigested feed flowing to Hind Gut.

for wheat  
based diet

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