

FEED POWDER



NUTREX
CURRENT NUTRITION TECHNOLOGY EXPONENTS

XYLASE*
TARGETED ENZYME FOR XYLAN IN CORN-SOY AND
OTHER GRAINS

ENZYME SUPPLEMENTATION TO THE NEXT HIGHER LEVEL OF DIGESTION EFFICIENCY

PRODUCT DESCRIPTION

XYLASE* is a purified xylanase enzyme concentrate for all corn-soy diets and all other grains like wheat, barley, oats and related ingredients

XYLAN is the most significant soluble fiber present in all grains, and in most plant sourced ingredients.

XYLAN comprises 8% to 11% by weight of grains, enough to be responsible in trapping significant amounts of energy and proteins in its matrix (together with cellulose), increases viscosity of feed, and significant reduction of overall feed digestibility.

XYLAN although soluble, is completely **INDIGESTIBLE** to monogastric pig and poultry.

XYLASE* is the only enzyme for digesting **XYLAN**, capable of digesting over 96% in vitro, and over 60% of feed b-glucan in-vivo (animal medium).

XYLASE* is **guaranteed to release over 250kcal of energy/kg in a typical corn-soy diet in recommended doses.**

INDICATIONS

For the efficient digestion of XYLAN fiber in corn soy diets and other grain ingredients

For significant improvement in the digestibility of corn soy diets and consequent improvement in FCR

CONTENTS/kg Purified **XYLANASE** enzyme

Concentrate **10M units***

RECOMMENDED DOSE

Concentrate **50gm-75gm/ton of feed**

PACKAGING box of 20kg, pe lined

A SPECIALTY NUTRITIONAL PRODUCT :

AGRIaccess Inc

Bothell WA USA

IMPORTED BY:

TURIN LIVESTOCK & CROP PROJECTS

San Juan City, MM

Pls visit us at www.agriaccess.com

SUMMARY RESULTS XYLANASE SUPPLEMENTATION IN BROILERS

30 day feeding, Commercial Rations and birds, Xylanase supplementation

Parameter	Control no xylanase	T1 500u/kg	Sig.	T2 600u/kg	Sig.
Wt. gain,gms	1,596	1,640	ns	1,651	ns
Feed Consumption, gms	2,877	2,560	s	2,585	s
FCR	1.80	1.56	s	1.57	s
Total manure, airdry, gms	1,088	963	s	958	s
Booster manure NSP %					
NDF	40.91	32.90	s	31.91	s
ADF	16.73	17.11	ns	16.27	ns
HC	24.18	15.79	s	15.64	s
Starter manure NSP %					
NDF	38.26	29.76	s	30.33	s
ADF	14.55	13.96	ns	14.69	ns
HC	23.71	15.80	s	15.64	s
Finisher manure NSP %					
NDF	43.03	36.17	s	34.33	s
ADF	16.42	17.55	ns	16.21	ns
HC	27.61	18.62	s	18.12	s

*ns not significant s significant NDF Neutral Detergent Fiber /Total Fiber ADF Acid Detergent Fiber/cellulose + lignin HC hemicellulose
Turin Livestock &Crop Projects Product Testing Station, San Carlos City, Pangasinan, Phil. Mar. 2017

Above broiler feeding trial reveal

lower HC (XYLAN) in manure of test groups up to 32%
lower NDF (total Fiber) in manure of test groups up to 15.9%
and lower manure volume in test groups by up to 11.4%

leading to:

computed ave energy release of 316kcal (79gms x 4kcal)
better Total Weight Gain (insignificant at 2.6%)
lower feed intake by 11%
better FCR by 13%

A Productivity Enhancement Tool from:

AGRIaccess

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