

FEED POWDER



NUTREX
CURRENT NUTRITION TECHNOLOGY EXPONENTS

b-glucanase*
TARGETED ENZYME FOR b-glucans IN CORN-SOY AND
OTHER GRAINS

ENZYME SUPPLEMENTATION TO THE NEXT HIGHER LEVEL OF DIGESTION EFFICIENCY

PRODUCT DESCRIPTION

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

B-glucan is a significant soluble fiber present in all grains, and in most plant sourced ingredients.

B-glucan comprises <2% to >9% by weight of grains, specially high in barley, 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.

B-glucan, although soluble, is completely INDIGESTIBLE to monogastric pig and poultry.

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

B-glucanase* is **guaranteed to release an average of 120kcal of energy/kg in a typical corn-soy diet (>180kcal in barley) in recommended doses.**

INDICATIONS

For the efficient digestion of b-glucan fiber in corn soy diets and other grain (specially barley) ingredients
For significant improvement in the digestibility of corn soy diets and consequent improvement in FCR

CONTENTS/kg Purified **b-glucanase** enzyme

Concentrate **5M units***

RECOMMENDED DOSE

Concentrate **50gm-100gm/ton of feed (high end for barley)**

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

B-glucanase* SUPPLEMENTATION, SUMMARY RESULTS BROILERS,
30 day feeding, Commercial Rations and birds, TLCP Testing Station*

Parameter	Control no b-glucanase	T1 250u/kg	Sig.	T2 325u/kg	Sig.
Wt. gain,gms	1,597	1,629	ns	1,622	ns
Feed Consumption, gms	3,060	2,745	s	2,720	s
FCR	1.91	1.68	s	1.67	s
Manure Profile					
Total manure, airdry, gms	1,150	943	s	935	s
Booster manure NSP %					
NDF	39.95	36.52	s	35.73	s
ADF	16.80	17.17	ns	17.76	ns
HC	23.15	19.35	s	17.97	s
Starter manure NSP %					
NDF	37.20	34.11	s	34.66	s
ADF	16.55	17.12	ns	16.74	ns
HC	20.65	16.99	s	17.92	s
Finisher manure NSP %					
NDF	39.68	35.10	s	35.92	s
ADF	15.23	15.71	ns	15.48	ns
HC	24.45	19.39	s	20.44	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. 2019

Above broiler feeding trial reveal

lower HC (b-glucan) in manure of test groups up to 16%
lower NDF (total Fiber) in manure of test groups up to 8.6%
and lower manure volume in test groups by up to 18%

leading to:

computed ave energy release of 152kcal (38gms x 4kcal)
better Total Weight Gain (insignificant at 2.0%)
lower feed intake by 10%
better FCR by 12%

A Productivity Enhancement Tool from:

AGRIaccess

4714 175th St. SE Bothell WA 98012
Email: agriaccess@frontier.com

Pls visit us at www.agriaccess.com