

SUMMARY RESULTS BETAGALACTOMANNANASE IN BROILERS

30 day feeding, Commercial Rations and birds,

Betagalactomannanase supplementation,

20% copra meal incorporation to commercial feed resulting to ><6%

betagalactomannan added to feed

Parameter	Control no enzyme	T1 1000u/kg	Sig.	T2 1200u/kg	Sig.
Wt. gain,gms	1,492	1,521	ns	1,533	ns
Feed Consumption, gms	2,981	2,745	s	2,718	s
FCR	1.99	1.80	s	1.77	s
Total manure, airdry, gms	1,167	987	s	974	s
Booster manure NSP %					
NDF	49.15	42.33	s	43.74	s
ADF	21.73	21.68	ns	22.00	ns
HC	27.42	21.65	s	21.74	s
Starter manure NSP %					
NDF	47.16	41.36	s	41.67	s
ADF	19.45	19.66	ns	19.88	ns
HC	27.71	21.70	s	21.79	s
Finisher manure NSP %					
NDF	50.98	46.10	s	46.44	s
ADF	20.30	20.77	ns	21.05	ns
HC	30.68	25.32	s	25.39	s

DIRECT EFFECT- Reduction of HC (betagalactomannan) by >5.96 units or approx. 58% of betagalactomannan in feed

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 JAN 2015