

SUMMARY OF FEEDING TRIALS PHILIPPINES

GUAR MEAL + TARGETED ENZYME (MANNANASE GUAR) REPLACING SOYBEAN MEAL

FINISHING PIGS

Control corn-soy ration
 Treatment 10% guar meal incorporation (replacing equivalent soybean meal) + 5gms Mannanase Guar/kg guar meal incorporation

30 day feeding, 120 hd
 Isocaloric and isonitrogenous

	ADFI	ADG	FCR	FEED COST/KG Phpesos	FEED COST/KG LW GAIN Phpesos
CONTROL	2.9	0.81	3.58	16.46	58.93
TREATMENT	2.62	0.80	3.27	15.61	51.05
Diff.	-0.28	-0.01	-0.31	-0.85	-7.88
% Diff.	-9.65	-1.23	-8.66	-5.16	-13.37

RESULT Treatment Group with 9.65% lower intake, 1.23% lower ADG, 8.66% better FCR, 5.16% Lower feed cost/kg and 13.37% lower feed cost/kg LW gain
 Manure visibly smaller, drier and more compact

LAYERS

Control corn-soy ration
 Treatment 10% guar meal incorporation (replacing soybean meal) + 5 gms Mannanase Guar/kg guar meal incorporation

Post peak, 960 birds/group, 80 day feeding, controlled intake
 Isocaloric, isonitrogenous

	#hen housed	Ave Daily Egg collected	Ave hen lay %	ADFI gms	Feed cost/kg Phpesos	Feed cost/hen/day Phpesos	Feed cost /egg Phpesos
Control	960	786.51	81.93	110	20.96	2.31	2.81
Treatment	960	791.43	82.44	110	19.85	2.18	2.65
Diff.		+4.92	+0.51		-1.11	-0.13	-0.16
% Diff		+0.63	+0.62		-5.30	-5.63	-5.70

RESULT Treatment Group with 0.62% better hen lay, 5.30% lower feed cost, 5.60% lower feed cost/hen/day and 5.70% lower feed cost/egg.
Manure visibly smaller and drier

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