

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

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