

Efficacy Study of Metho-Chelated Organic Minerals preparation Feeding on Milk Production and Fat Percentage in dairy cows

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Abstract

The objective of the study was to compare the effect of feeding different mineral based formulation on dairy cow production performance, namely milk yield and fat percentage. The trial was conducted with dairy cows across various stages of lactation (Early, Mid and Late stage with 30 cows per stage). The experimental treatments included: Bestmin Gold (Metho-chelated organic minerals, given 30 gms per day), Inorganic mineral preparation (Inorg. Mineral, @ 50 gms/day/ cow) and control. The study lasted from 0 to 40 days. Milk yield and fat percentage of cows were measured individually on Days 0, 5, 10, 15, 20, 25, 30 and 40. The Bestmin Gold treated group (Metho-chelated organic minerals) improved the milk yield, net gain in milk and the milk fat percentage of animals across the various stages of lactation as compared to in control and inorganic mineral treated group of animals.

Keywords: Milk yield, Chelated, Mineral, Dairy cow, Milk Production, Dietary Supplementation.