Research Bulletin D-46

A-MAX Concentrate Dairy Trial

Introduction: A field trial was conducted on a dairy farm in Lithuania.

Objective: To test the effect of A-MAX™ Concentrate on average daily milk yields in dairy cows.

Materials and Methods: The trial was conducted using 495 Holstein dairy cows that were paired with similar days in milk, milk production and parity. Two control groups and one trial group were analyzed. Testing period started in January and lasted for seventy-five days. There were three treatments in this experiment:

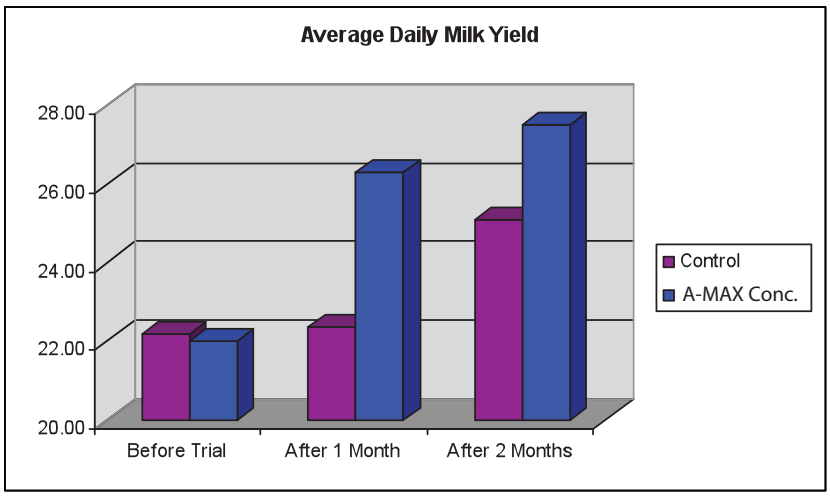
- Control diet: 159 cows
- Control diet: 173 cows
- Control diet plus A-MAX Concentrate at 50 grams per head per day: 163 cows

All cows were fed the same total mixed ration, with the only difference being the A-MAX Concentrate. Cows were analyzed for average daily milk yield before the trial started, after one month, after two months and 2.5 weeks after stopping A-MAX Concentrate.

Results: Average Daily Milk Yield results are listed below.

	Control-1	Control-2	Control Average	A-MAX Concentrate
Before Trial	22.60	21.80	22.00	22.00
After 1 Month	25.70	19.00	22.40	26.30
After 2 Months	25.90	24.30	25.10	27.50
2.5 Weeks after stopping A-MAX	23.10	24.90	24.00	26.00

Conclusions: A-MAX Concentrate provided a significant benefit in this dairy trial by improving average daily milk yield by an average of 4 kg after one month and 2 kg after two months. After taking A-MAX Concentrate out of the diet for 2.5 weeks, the average daily milk yield decreased by an average of 1.5 kg. Feeding A-MAX Concentrate to dairy cows significantly increased average daily milk yield.



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