



## Comparison Between AminoMax and a Commercial Soybean Meal Blend

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AminoMax is a blend of canola meal and soybean meal. The important feature of this technology is that incoming ingredients are analyzed on a continuous basis, and all ingredients are processed separately to attain the desired end point. Using this patented technology insures that AminoMax is consistent from load to load.

Many nutritionists have been replacing treated soybean meal products in their rations with AminoMax on a 1 to 1 basis, resulting in lower cost and lower protein in the diet. This study was conducted at the Wm. H. Miner Institute to compare AminoMax to a well-established treated soybean meal product

Cows were on the respective diets for 28 days immediately after a 14 day adjustment period. Results are provided in the Table below.

### Effects of the AminoMax Blend Vs. AminoMax components in cows past peak production:

Measurement	Treated Soybean Meal	AminoMax
Percent of dry matter	7.70	7.70
Dry matter intake, lb	60.3	60.7
Diet crude protein	15.8	15.5
Milk yield, lb	98.3	95.3
True protein yield, lb	3.08	3.03
Milk fat yield, lb	3.91	3.81
Body weight change, lb/day	1.21	1.69

Treatments with different superscripts are significantly different (P<0.05)

Performances were excellent with both products. There were no differences in milk protein and milk fat yield when AminoMax was substituted the protected soybean meal product, although milk yield tended to be higher with the soybean meal product in this study. Both products supported weight gain. Ration protein was 3 points lower with the AminoMax product, and indicates that AminoMax provides an excellent amino acid balance for dairy cows.