



A distinctly BALANCED source of fatty acids and amino acids for dairy cows

### An innovative supplement for dairy rations

Based on a novel patent-pending process, SPECTRUM Balance provides an effective and consistent supply of amino acids and fatty acids at a significantly reduced cost compared to conventional feed ingredients.

- Offers typical savings of \$0.10 to \$0.15 per head per day.
- Formulated to replace heat-treated soybean meal, blood meal, animal protein blends, and palmitic acid-enriched and calcium salt supplements.
- Designed to increase Income over Feed Costs (IOFC).

### Avoid growing market challenges

With SPECTRUM Balance, you can avoid the potential for market challenges due to:

- Rising prices for palmitic acid-enriched fats and calcium-salt fatty acid products.
- Increasing difficulty in sourcing palmitic acid-enriched supplements.
- Ongoing milk and feed price volatility adding to the potential for tighter margins.

### Comparison of SPECTRUM Balance and conventional feed ingredients

	Conventional Feed Ingredients	SPECTRUM Balance
Energy	✓	✓
Metabolizable Protein	✓	✓
Fatty Acids	✓	✓
Improved AA Profile		✓
Cost Savings		✓

Patent pending

### Nutrition

SPECTRUM Balance is an excellent source of C16:0 (palmitic) fatty acid, metabolizable protein, and essential amino acids to support high yields of butterfat and milk protein.

Nutrient	
Crude protein, % DM	43.7
Digestible RUP*, % CP	60.9
Fatty acids, % DM	16.7
C16:0, % fatty acids	49.1
C18:1, % fatty acids	24.0

### Feeding Directions:

Feed at 3 to 6 pounds per head per day. Consult with your nutritionists to ensure balanced diet formulation. SPECTRUM Balance is designed for flat storage only. Do not store in upright bin.

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