

A COMPLETE blend of fatty acids to improve cow performance and dairy profitability

The next generation of rumen-inert fat supplements

Perdue Animal Nutrition is proud to introduce Spectrum Complete[™] as a next-generation bypass fat supplement. The latest research highlights the benefits of manipulating the palmitic to oleic acids ratio in supplements to optimize the yield of milk components and minimize body weight losses. Spectrum Complete is formulated to deliver a 70:20 combination of palmitic and oleic acids.

- **Research proven** fatty acid blend
- Specific **fixed formulation**
- Formulated to **improve performance** of high-performance animals
- Ideal fatty acid ratio for **one-group TMR** rations
- **Uniform** particle size
- **High-quality** calcium salts with a high melting point
- **Mixes consistently** in a base mix at feed mill or in TMR at the farm

Results¹

Recent research demonstrates that a 70:20 blend of palmitic to oleic acids will

- **Increase the yield** of milk and energy corrected milk in early lactation cows
- **Improve milk fat yield** throughout peak lactation even after supplementation stops
- **Improve performance** of mid-lactation cows producing less than 110 lbs of milk compared with other fatty acids supplements
- Has **no effect on dry matter intake** compared to non-fat supplemented diets

Research Proven

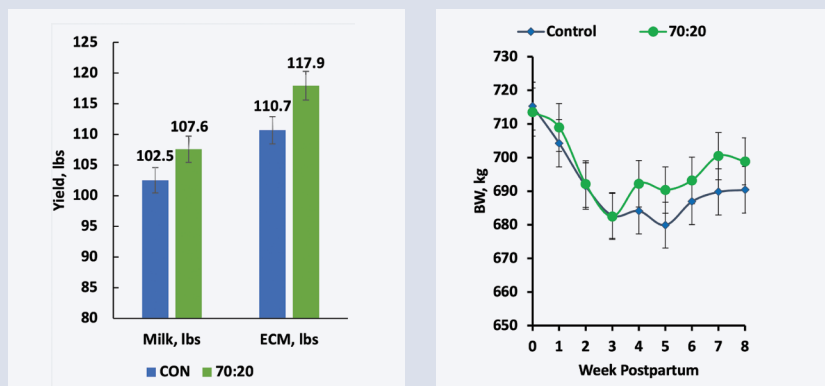


Fig. 1: The effect of feeding a 70:20 blend of palmitic and oleic acids in the supplemental on the performance of early lactation cows. (Adapted from de Souza et al. 2021. J. Dairy Sci. 104:2896–2909).

¹References

- de Souza et al. 2021. J. Dairy Sci. 104:2896–2909
 de Souza et al. 2021. J. Dairy Sci. 104:2910–2923