

CASE STUDY:

Washington Herd Using MEGALAC-R

Another case study brought to you by Arm & Hammer Animal Nutrition.
Real-world results on a large commercial dairy.

MEGALAC®-R Improved Reproduction on a Large Western Dairy

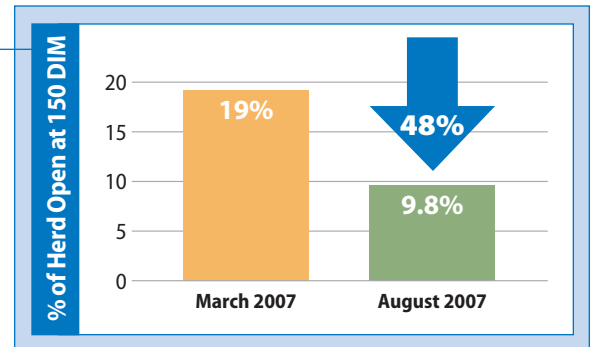
Herd Challenge

When pregnancy rates plateaued at 18 percent, a well-managed dairy already using a presynch/resynch program sought innovative ways to help improve reproductive performance. After working closely with their nutritionist and reviewing research, MEGALAC-R Omega-3 and Omega-6 Essential Fatty Acids was introduced into the diet.¹

- **Measurement period:** February – August, 2007
- **Feeding rate:** 2,600 cows and first lactation heifers received 0.25 lbs./day for 14 days prepartum and 0.50 lbs./day for 150 days postpartum
- **Dairy's benchmarks:** pregnancy rate and reduced metabolic disorders

Improved Reproduction

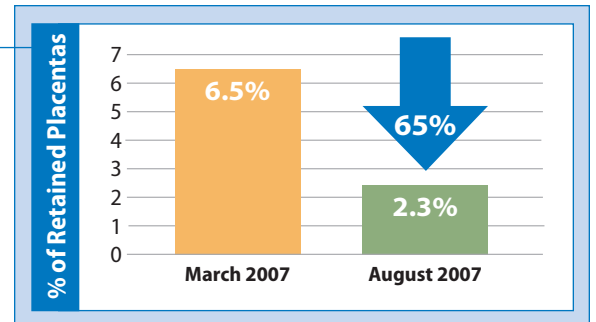
- Pregnancy rate increased to 23 percent, a five-point jump
- Reached higher levels of maintained pregnancies, a 48 percent decrease in the number of cows still open at 150 DIM



Improved Health

- Incidence of retained placentas decreased by 65 percent
- Fewer reported cases of metritis
- Reduced number of services per conception

Improvements occurred through the heat-stress months of July and August, when the average ambient temperature is 86 degrees Fahrenheit.



Improved Economics

The reproductive and health improvements have translated into additional economic benefits:

- Industry averages² indicate each point increase in pregnancy rate equals \$35 additional profit per cow per year
- Using this widely accepted value, a five-point increase suggests a revenue increase of \$175 per cow per year

MEGALAC®-R
MEGA REPRODUCTION

Note: This is not a trial using methods and measurements in accordance with generally accepted trial parameters, such as a control group.

¹ Arm & Hammer. MEGALAC®-R Trial on Washington State Dairy, February – August 2007. Data on file.

² Overton M. 2005 Western Dairy Management Conference. *Proceedings*. P. 51-53.

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