



## MEETING THE FALL FORAGE CHALLENGE

Maximizing Rumen Function With New Forages

### SITUATION

- Fall and early winter challenge optimum rumen function by coupling the introduction of new forages with lingering summer management strains.
- Optimal rumen function is hindered by switching from one completely fermented feed to another, feeding partially fermented forage, and from variable crop quality throughout the bunker silo.
- Dairyman's Edge<sup>®</sup> PRO protects and conditions the rumen by managing the peaks and valleys of ruminal pH, colonizing the rumen with beneficial bacteria and enzymes, and targeting starch and fiber digestion.

### ECONOMICS

While Dairyman's Edge<sup>®</sup> PRO is 2-3 cents more per cow/ day then regular yeast culture or live yeast, the return on investment far exceeds the cost.

Lactation Stage	Performance Parameter (Avg)	Performance Level Increase	Milk Protein %	Milk Fat %	Return Per cow/ day
Mid- Late	150 Day Milk	+4.01 lbs.	+0.03%	+0.07%	Well Over 60¢
Early	Milk Production	+5.08 lbs.	+0.05%	+0.11%	Well Over \$1.00

### RESEARCH

A commercial trial conducted in Mercersburg, Pennsylvania from October 19- November 16, 2006 illustrates the benefit of incorporating Dairyman's Edge<sup>®</sup> PRO into the ration. Maximum rumen efficiency and function allowed the cows to capitalize on the nutrients supplied to them.

Lactation Stage	Milk Production	Milk Protein %
Mid- Late	4.90 lbs. Increase	0.045% Increase
Early	5.20 lbs. Increase	0.08% Increase

DME PRO-TB-SEP11-13