

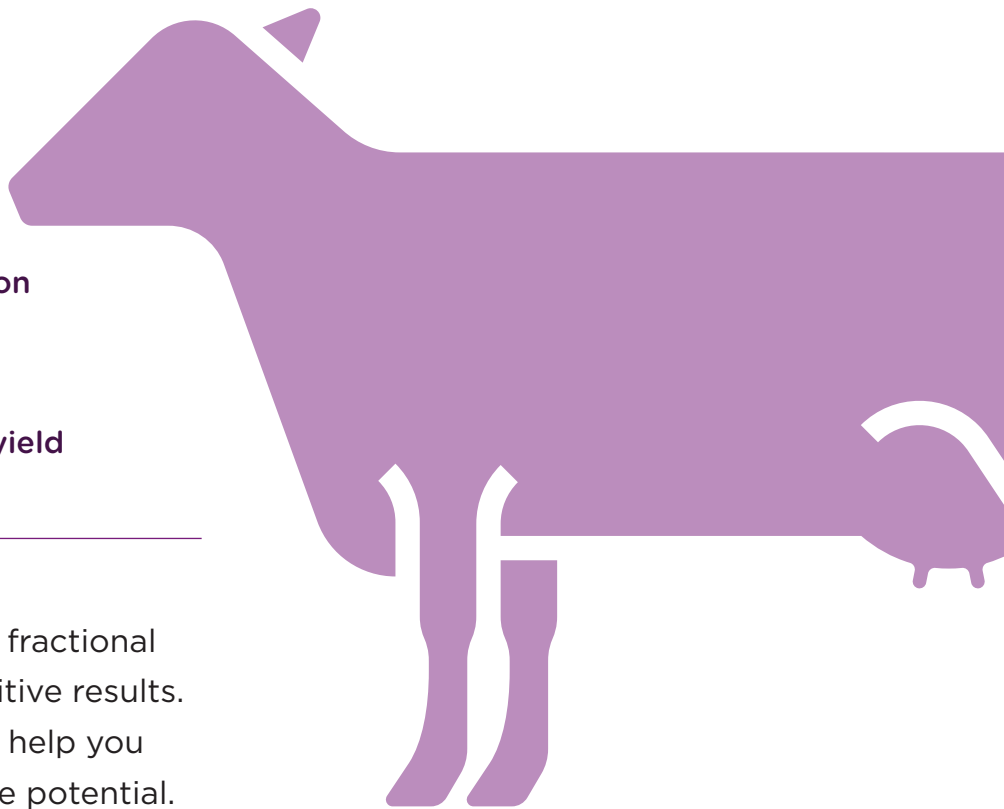
GET THE MOST OUT OF FORAGE DIETS WITH CELLULO-GEST® FEED ADDITIVE

Forage is a major part of a cow's diet, but some starches and fiber are not always converted to available nutrients. Cellulo-Gest® feed additive contains a specific combination of enzymes to target multiple forms of fiber and aid in impacting starch utilization. Cellulo-Gest® feed additive unlocks feedstuffs with lower digestibility so cows can access the energy within.

3 THINGS TO KNOW ABOUT CELLULO-GEST® FEED ADDITIVE

- ▲ Helps optimize fiber digestibility and starch utilization
- ▲ Broad spectrum of enzymes
- ▲ Supports milk production and yield of milk components

Success happens when you make fractional changes that assist in driving positive results. We deliver exact combinations to help you expand your animals' performance potential.



Cows can't digest everything.

The more nutrients a cow can utilize from her feed, the more milk she can produce. When feed quality is less than ideal, a portion of the nutrients can be locked up in non-digestible fibers. In the case of high-starch diets, some starches pass through the cow and are wasted in manure. The correct combination of enzymes can help unlock the nutrients from feeds to make them available for milk production.

Expand what's possible with optimal starch and fiber digestion

Factors impacting feed digestibility include feed quality, completeness of fermentation or the transition between last year's crop and this year's. Cellulo-Gest® feed additive is a uniquely blended enzyme supplement designed to aid digestion of the forage components the cow cannot digest, including cellulose and hemicellulose, and turn them into nutrients she can use. It contains enzymes from multiple sources to target multiple forms of fiber and starch.

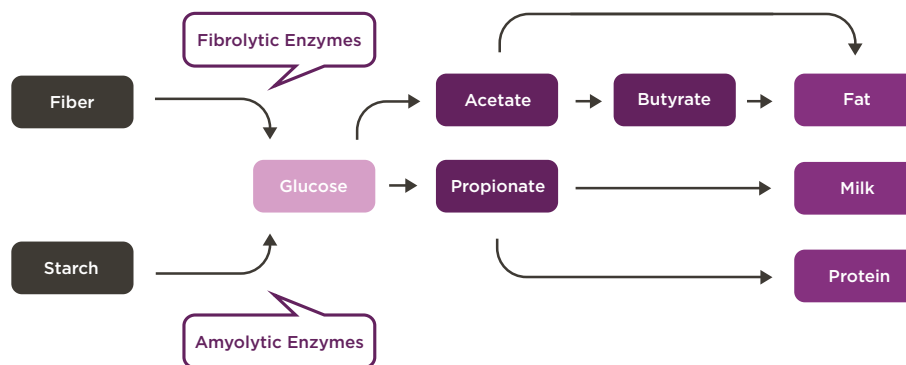
Optimal fiber and starch digestibility helps make more precursors available for glucose, butter fat and milk protein production, as well as the cow's ongoing energy needs.

Cellulo-Gest® feed additive delivers results

Pennsylvania State University trial results demonstrate that on average, dairy cattle fed Cellulo-Gest® feed additive experienced¹:

- +2.47 lbs. of additional intake over control cows
- +2.7 lbs. of additional milk yield over control cows
- +0.09-point average increase in milk protein % over control cows

Cellulo-Gest® feed additive delivers multi-component support



¹Effect of an enzyme extract from *Aspergillus oryzae* and *Aspergillus niger* on milk production, blood metabolites and nutrient digestibility in dairy cows; J. Oh¹, M. Harper¹, A. Melgar¹, S. Raesaenen¹, X. Chen¹, K. Nedelkov^{1,2}, D. M. Paulus Compart³, and A. N. Hristov¹. ¹The Pennsylvania State University, University Park, Pennsylvania, USA; ²Faculty of Veterinary Medicine, Trakia University, Stara Zagora, Bulgaria; ³PMI, Arden Hills, Minnesota, USA.