

# Hi-Gest® Alfalfa Technology

## Combining history and science

Through the latest breeding techniques and screening of hundreds of thousands of plants, Hi-Gest® Alfalfa Technology was developed to deliver high digestibility, high tonnage and excellent agronomics. Only elite genetics with high yield potential, high levels of winter survival and stronger disease and pest resistance make the cut in Hi-Gest alfalfa.



## Hi-Gest varieties offer:

- 5-8% more leaves for higher yield potential
- 5-10% increased rate of fiber digestion, improving animal intake
- 5-10% increased extent of fiber digestion (as measured by UNDF 240)
- 3-5% more crude protein compared to other conventional varieties\*
- Improved stem fiber digestibility from elite germplasm
- 60-100 lbs. more protein per ton of alfalfa

When combined, these elements have the potential to reduce total feeding costs and to improve total milk yield. More protein from alfalfa means less additional protein meal needed for the ration. Additionally, dairies feeding alfalfa with Hi-Gest technology have reported of up to 2.5 lbs. more milk, per cow, per day.<sup>1</sup>

## Options for licensees and value add

Alforex Seeds offers several ways to license or sell alfalfa varieties with Hi-Gest technology. Seed can be private labeled (cleaned, conditioned, bagged) or sold using the Alforex® Seeds brand.

Along with the seed, Alforex can provide marketing support, including help with tech sheets and sell sheets—even for those who private label. Sales rep training on alfalfa agronomics, cutting practices and positioning is also available.

For more information about licensing or distributing Alforex alfalfa varieties, contact your Alforex Seeds account manager or your Corteva Agriscience account manager.

\*The increased rate of fiber digestion, extent of digestion and crude protein data was developed from replicated research and on-farm testing. During the 2015 growing season at West Salem, WI, and Woodland, CA, the following commercial dormant, semi-dormant and non-dormant alfalfa varieties were compared head to head with Hi-Gest® alfalfa for rate of digestion, extent of digestion and percent crude protein: America's Alfalfa Brand AmeriStand 427TQ, Croplan Brands LegenDairy XHD and Artesia Sunrise, Fertilzona Brand Fertilac, S&W Seed Brands SW6330, SW7410 and SW10 and W-L Brands WL 319HQ and WL 354HQ.

<sup>1</sup> Combs, David (2015). "Relationship of NDF digestibility to animal performance." Tri-State Dairy Nutrition Conference, Fort Wayne, IN, April 20-22, 2015. <https://pdfs.semanticscholar.org/5350/f0a2cb916e74edf5f69cdeb73f091e1c8280b.pdf>.

**Hi-Gest®  
ALFALFA  
TECHNOLOGY**

- Higher digestibility
- 5-8% more leaves
- More tonnage
- More milk