

TO BE PLANTED ONLY IN EASTERN CANADA

# WE DIDN'T INVENT ALFALFA, WE JUST REINVENTED IT



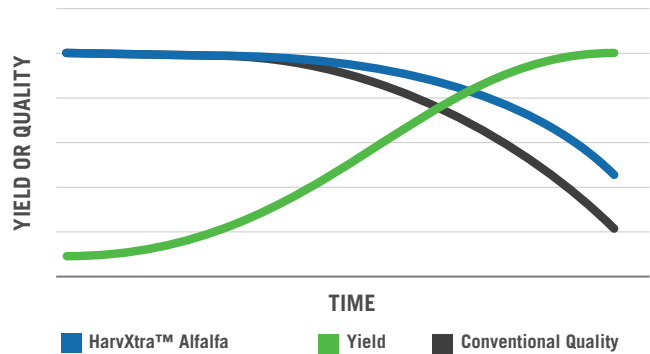
Introducing HarvXtra™ alfalfa — the industry's first genetically enhanced alfalfa with reduced lignin. It's the most advanced alfalfa in the industry. And the biggest advancement in the field.

## GREATER FLEXIBILITY

HarvXtra™ technology gives you unprecedented control by widening cutting windows. This gives you the ability to better manage the yield-versus-quality trade-off. It also adds unsurpassed weed control with Roundup Ready® technology.

- Choose to maintain your current harvest schedule for higher-quality forage, or
- Delay harvest a few days for increased tonnage without sacrificing acceptable forage quality.

## YIELD-VERSUS-QUALITY TRADE-OFF IN ALFALFA

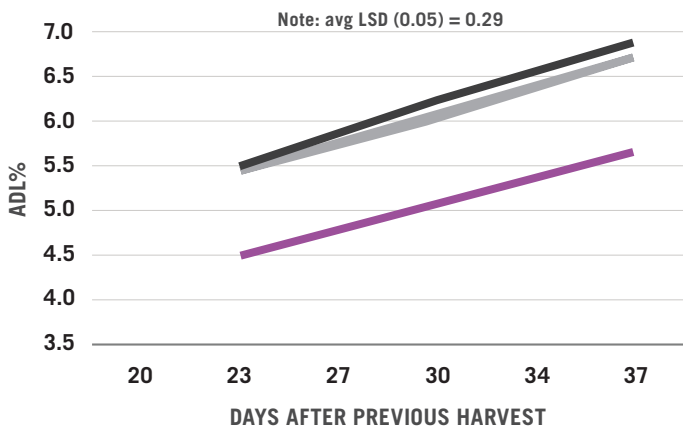


Data summarized over seven trials and 22 cuttings at five U.S. locations

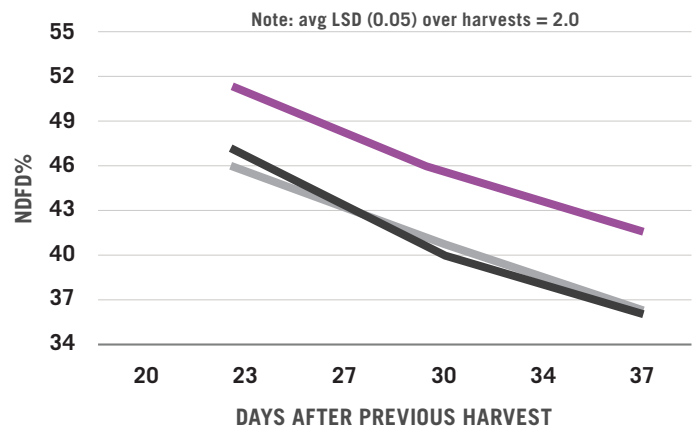
## FORAGE QUALITY LIKE NO OTHER

The genetically enhanced HarvXtra™ technology fundamentally changes the relationship between forage quality and stage of maturity by modifying lignin content (ADL) beyond what is possible with conventional breeding techniques.

### CHANGES IN ADL WITH ADVANCING MATURITY OF THE ALFALFA CROP



### CHANGES IN NDFD WITH ADVANCING MATURITY OF THE ALFALFA CROP



Data summary from trials at West Salem, WI and Boone, IA seeded May 2015 and harvested in 2016 (4-cuts)

■ LegenDairy XHD      ■ Hi-Gest® 360      ■ HarvXtra™ Alfalfa with Roundup Ready® Technology (FD4)

In 2016, Midwestern US trials (established 2015) were evaluated to compare HarvXtra alfalfa with two alfalfas developed with conventional breeding techniques. The HarvXtra trait provided a significant improvement over conventional varieties – LegenDairy HDX and Hi-Gest® – for acid detergent lignin (ADL) and neutral detergent fiber digestibility (NDFd) at every sampling date and at both locations in this experiment. Lignin (ADL) content in HarvXtra™ alfalfa was at least 20% lower than either of the conventional alfalfas (LegenDairy XHD or Hi-Gest®) at every sampling date

## AN ALFALFA THAT GIVES YOU OPTIONS. NOT LIMITS.

To learn more about HarvXtra™ with Roundup Ready® technology, visit [harvxtra.ca](http://harvxtra.ca)

**Use Limitations for HarvXtra™ Alfalfa with Roundup Ready® Technology.** Growers must direct any product produced from HarvXtra alfalfa with Roundup Ready technology seed or crops (including hay and hay products) only to Canadian or U.S domestic uses. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their product purchaser to confirm their buying position for this product. This technology may be sold and planted only in the provinces of Ontario, Quebec, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland. Please contact Forage Genetics International at 855-237-9897 for additional information.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are registered trademarks of Monsanto Technology LLC, Monsanto Canada, Inc. licensee. HarvXtra™ is a trademark of Forage Genetics Internal, LLC. HarvXtra™ Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.