

440HVXRR ALFALFA

- 440HVXRR Alfalfa gives growers the ability to better manage the yield-versus-quality tradeoff. It offers more flexibility in a cutting schedule to achieve improved forage quality or greater yield potential, when compared to conventional alfalfa at the same stage of maturity.
- The HarvXtra™ technology provides unprecedented flexibility by widening cutting windows, which gives growers the option at each cutting to:
 - Maintain their normal harvest schedules for higher-quality forage, or
 - Delay harvest for 7-10 days for increased yield potential, without sacrificing forage quality, compared to conventional alfalfa at the same stage of maturity.
- 440HVXRR Alfalfa has on average 12-15% less lignin and 12-15% higher neutral detergent fiber digestibility (NDFD) and relative forage quality (RFQ) than conventional alfalfa harvested at the same stage of maturity.
- 440HVXRR Roundup Ready® Alfalfa Technology for unsurpassed weed control with excellent crop safety.

440HVXRR Alfalfa is the industry's first genetically enhanced alfalfa technology developed to maximize quality compared to conventional alfalfa at the same stage of maturity, by reducing the amount of lignin in the plant.



- ◆ **Characteristics**
 - Fall Dormancy 4.0
 - Winter Survival 2.0 (Very Good)
 - Recovery After Cutting Very Fast

DISEASE / INSECT / NEMATODE RATINGS

Phytophthora Root Rot	Highly Resistant (HR)	5*
Aphanomyces Root Rot	Highly Resistant (HR)	5*
Anthracnose (Race I)	Highly Resistant (HR)	5*
Verticillium Wilt	Highly Resistant (HR)	5*
Bacterial Wilt	Highly Resistant (HR)	5*
Fusarium Wilt	Highly Resistant (HR)	5*

PERFORMANCE DATA

ENTRY	Forage Yield		% Checks	
	West Salem, WI 14-15	ADL	NDFD	RFQ
440HVXRR Alfalfa	114%	80%	116%	116%
Pioneer 54R02	100%	98%	101%	101%
WL 355RR	100%	102%	99%	99%

*Yield is two year mean, 4-5 harvests/yr. Forage quality averaged over all cuts all locations

HarvXtra® Alfalfa with Roundup Ready® Technology
 In the following states, purchase and use of HarvXtra® Alfalfa with Roundup Ready® Technology is subject to a Seed and Feed Use Agreement, requiring that products of this technology can only be used on farm or otherwise be used in the United States: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.
 HarvXtra® Alfalfa with Roundup Ready® Technology has pending import approvals. GROWERS MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. 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 grain handler or product purchaser to confirm their buying position for this product.
 Visit www.ForageGenetics.com/legal for the full legal, stewardship and trademark statements for these products.