

INDUSTRY-LEADING ALFALFA GENETICS WITH HARVXTRA® ROUNDUP READY® TECHNOLOGY



POSITIONING & MANAGEMENT

481 HVXRR alfalfa gives farmers the tools to manage the yield-versus-quality trade off. With industry-leading genetics, 481 HVXRR provides the disease protection needed to establish a productive and powerful stand of alfalfa. Add in the HarvXtra® RoundupReady® trait and enjoy a wider harvest window and superior weed control while maintaining peak quality.

TOP QUALITIES

- **Industry-leading genetics with unmatched disease resistance**
- Wider harvest windows for increased flexibility to manage quality
- Demonstrate 12-15% less lignin and 12-15% higher neutral detergent fiber digestibility (meaning improved digestion and increased output per cow) when compared to related lines without the HarvXtra trait
- Stacked with Roundup Ready® technology for unmatched weed control and crop safety

OVERALL CHARACTERISTICS

Fall Dormancy	4.0	Disease Resistance Index	35/35
Winter Hardiness	1.9	Phytophthora Root Rot	High Resistance
Cuttings per Season	3-4	Aphanomyces Root Rot Race 1	High Resistance
Forage Quality	Excellent	Aphanomyces Root Rot Race 2	High Resistance
Regrowth After Cutting	Fast	Aphanomyces Root Rot Race 3	High Resistance
Leaf Style	Multi-foliate	Anthracoese Race 1	High Resistance
Root Type	Tap	Anthracoese Multi-Race Race 5	Resistant
Stem Type	Fine-Medium	Bacterial Wilt	High Resistance
Wheel Traffic	Excellent	Verticillium Wilt	High Resistance
Dry Soils	Very Good	Fusarium Wilt	High Resistance
Heavy Wet Soils	Excellent	Lepto Leaf Spot	N/A
		Stem Nematode	Resistant

Resistance Rating Scale:

HR = >51% Resistance **R** = 31-50% Resistance
MR = 15-30% Resistance **LR** = 6-14% Resistance

Fall Dormancy is measured on a scale of 1 (best) to 9.

Winter Hardiness is measured on a scale of 1 (best) to 6.