



WL 375HVX.RR

FD5

DORMANT

W-L ALFALFAS BULKS UP HARVXTRA® ALFALFA LINEUP WITH FD5 ADDITION

W-L HarvXtra® Alfalfa is a revolutionary new offering in alfalfa production

Our first fall dormancy 5 release, WL 375HVX.RR, simply delivers. WL 375HVX.RR compliments the 2016 release of FD4 WL 341HVX.RR, offering another valuable winterhardy option with a new, optimal agronomic package and the HarvXtra® Alfalfa trait.

WL 375HVX.RR Advantages

- WL 375HVX.RR offers tremendous value of flexibility in choosing to maximize fiber digestibility, or realize greater yield by delaying cutting frequency, perhaps removing 1 cut, without sacrificing feed quality
- Reduced-lignin % (ADL, acid detergent lignin) content of 22% less than the average of competitive check varieties gives WL 375HVX.RR a 16% greater RFQ (relative forage quality), and a 18% greater NDFD (neutral detergent fiber digestibility) than the average of competitive check varieties
- Yield performance of WL 375HVX.RR rivals WL 372HQ.RR, our highest yielding dormant variety ever, across 4 of our major U.S. research facilities
- Superb yield potential and agronomic characteristics under 4-cut system if delaying cutting frequency, or under 5- to 6-cut systems to maximize increased feed value
- Disease Resistance Index (39/40), which includes 'High Resistance' to Aphanomyces enhanced multi-race¹; and includes multi-race resistance to Anthracnose²
- WL 375HVX.RR contains Roundup Ready® Technology for unsurpassed broad spectrum weed control and crop safety to maximize seedling survival at establishment and provide a useful tool on established stands
- Well-adapted for Midwest, Northeast, Central, Northern, & Southern Plains, as well as Intermountain Regions and Pacific Northwest; ideally-suited for on-farm dairy, beef or cash hay producers
- WL 375HVX.RR delivers quick recovery for frequent harvest schedules under intense management
- Quick stand establishment with WL 375HVX.RR that comes fully loaded with W-L's Gold Treatment PLUS containing Stamina® and Take-Off® seed treatment



AGRONOMIC TRAITS

Maturity	Early
Fall Dormancy	4.6
Winterhardiness	2.1
Digestibility/Feed Value	HarvXtra®
Recovery After Harvest	Very Fast
Standability	Excellent
Traffic Tolerance	Very Good
Multileaf Expression	Very High
Disease Resistance Index	39/40
Salt Tolerance	Germination

*HarvXtra® Alfalfa with Roundup Ready® Technology

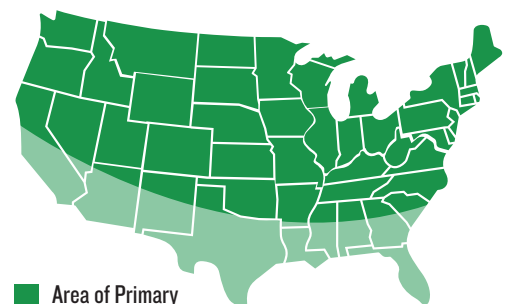
PEST RESISTANCE TRAITS

Bacterial Wilt	HR
Fusarium Wilt	HR
Verticillium Wilt	HR
Anthracnose (Race 1)	HR
Anthracnose (Race 5) ¹	R
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	HR
Aphanomyces Enhanced Multi-Race ²	HR
Spotted Alfalfa Aphid	R
Pea Aphid	R
Stem Nematode	HR

HR = HIGH RESISTANCE R = RESISTANT MR = MODERATE RESISTANCE

¹Includes race 1 protection, along with Anthracnose Race 5, which was recently confirmed by USDA's Agricultural Research Service.

²Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

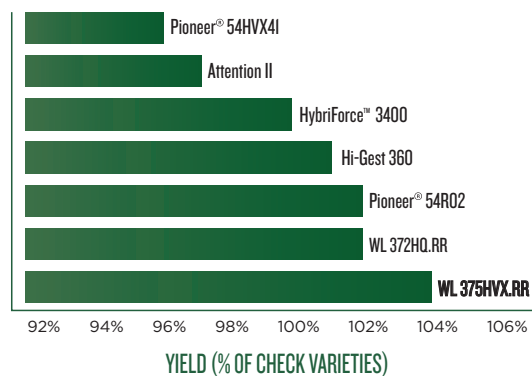


Area of Primary Adaptation

Planting WL 375HVX.RR utilizing the Roundup Ready® weed control system provides many benefits over conventional herbicide programs

- Exceptional weed control at both stand establishment and in established stands means fewer weeds and higher-quality hay and haylage
- Exceptional crop safety at all growth stages with the Roundup Ready® weed control system
- Recommended 1st glyphosate application at 1st-3rd trifoliolate stage to provide early weed control on new seedlings and lower seedling mortality
- The simplicity of using a single herbicide (Roundup®) provides superior weed control with no need to tank mix
- Flexibility in timing of application allows growers utilizing the Roundup Ready® system to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (5 days) after Roundup® application before haying/feeding

WL375HVX.RR Outyields the Competition* West Salem, WI; Mt. Joy, PA; Nampa, ID; Touchet, WA; 2016-2017



WL 375HVX.RR is the new forage quality leader of FD5 Alfalfas* Boone, IA; Mt. Joy, PA; West Salem, WI 2015-2016

Variety	Acid Detergent Lignin	Neutral Detergent Fiber Digestibility	Relative Forage Quality (RFQ)
WL 375HVX.RR	78%	116%	118%
WL 372HQ.RR	102%	100%	100%
Hi-Gest 360	98%	103%	103%
HybriForce™ 3400	99%	102%	102%
Pioneer® 54R02	100%	98%	97%
Attention II	101%	98%	98%

W-L Research and Forage Genetics International recommends the use of RFQ (relative forage quality) in place of RFV (relative feed value) because it more accurately reflects the value that improved fiber digestibility has in forages like HarvXtra® Alfalfa with Roundup Ready® Technology. RFQ better reflects performance that can be expected when animals are fed forages.

Likewise, RFQ is a far better index of forage quality than TDN (total digestible nutrients) because the TDN equation may not properly reflect fiber digestibility.



Planting WL 375HVX.RR with high resistance to multiple races of aphanomyces and anthracnose significantly improves stand establishment and production.

* Results are based on controlled field trials at the listed W-L Research location. Results may vary and are dependent on factors outside of W-L Research's control, such as weather. Yield, profit and other results cannot be predicted or guaranteed by W-L Research.

For more information visit WLAlfalfas.com.

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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.

