

ALFALFA

BETTER GENETICS.
BETTER PRODUCTIVITY.
BETTER PROFITABILITY.

SEEDWAY
FARM SEED

WL 341HVX.RR



WL 341HVX.RR ADVANTAGES

HarvXtra® Alfalfa with Roundup Ready® Technology is truly a game changer in alfalfa production, and one of the most exciting breakthroughs to hit alfalfa and forage production ever. Our first release, WL 341HVX.RR provides growers with vastly expanded flexibility in cutting schedule to protect forage quality, or the ability to greatly enhance fiber digestibility and overall feed value while maintaining current harvest timing. Either option delivers tremendous value no matter the type of grower or operation.

- WL 341HVX.RR gives growers tremendous value of flexibility in choosing to maximize unmatched fiber digestibility, or accumulate greater yield by delaying cutting frequency, without sacrificing feed quality
- Perfect Disease Resistance Index (30/30) and very winterhardy, (2.1), delivering long stand life under tough growing conditions
- Reduced-lignin % (ADL, acid detergent lignin) content of at least 15% less than competitive check varieties average gives WL 341HVX.RR at least a 15% greater RFQ (relative forage quality) and NDFD (neutral detergent fiber digestibility) than competitive check varieties
- Superb yield potential and agronomic characteristics under 3-cut system if extending cutting frequency, or under 4- to 5-cut systems to maximize feed value
- WL 341HVX.RR is stacked with 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
- Expect fast recovery for frequent harvest schedules under intense management
- Quick stand establishment with WL 341HVX.RR that comes fully-loaded with W-L's Gold Treatment PLUS containing Stamina®
- Well-adapted for Midwest, Northeast, Central and Northern Plains, as well as Intermountain Regions and Northwestern U.S.; ideally-suited for on-farm dairy, beef or cash hay producers

FALL DORMANCY

4.0

1=most dormant; 9=least

WINTER SURVIVAL

2.1

1=most hardy; 9=least

DRI RATING

30/30

MATURITY

EARLY

RECOVERY AFTER CUTTING

VERY FAST





Agrisure® is a trademark of a Syngenta Group Company. Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

MONSANTO STATEMENT

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Certain products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. IT IS A VIOLATION OF FEDERAL AND STATE LAW to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® Soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. IN CROP USES MAY NOT BE APPROVED IN ALL STATES. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® Soybeans.

Roundup Ready 2 Xtend® Soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs. B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax® RIB Complete® corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements. DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

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.

DroughtGard®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup®, Roundup Ready, Roundup Ready 2 Technology and Design®, SmartStax®, VT Double PRO®, VT Triple PRO® VaporGrip®, and XtendiMax® are trademarks of Monsanto Technology LLC. LibertyLink® and the Water Droplet Design® are registered trademarks of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.



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FARM SEED

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- Unmatched weed control at both stand establishment and in established stands means fewer weeds and higher-quality hay and haylage
- Superior crop safety at all growth stages with the Roundup Ready® weed control system
- Recommended 1st glyphosate application at 1st-3rd trifoliate stage to provide early weed control on new seedlings and lower seedling mortality

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- 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

DISEASE AND PEST RATINGS

Bacterial Wilt	HR
Verticillium Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1) ...	HR
Aphids	R
Nematodes	R

BOONE, IA; Mt. JOY, PA; WEST SALEM, WI: 2015-2016

VARIETY	ADL	NDFD	RFQ
WL 341HVX.RR™	73%	125%	128%
WL 355.RR	100%	98%	100%
54R02	99%	99%	99%
HYBRIFORCE 2400	100%	102%	101%
LIBERATOR	96%	103%	107%

ADL = Acid Detergent Lignin
NDFd = Neutral Detergent Fiber Digestibility
RFQ = Relative Forage Quality

CHARACTERISTICS

Maturity	Early
Digestibility/Feed Value	Superior
Standability	Excellent
Traffic Tolerance	Very Good

