

# WL 341HVX.RR

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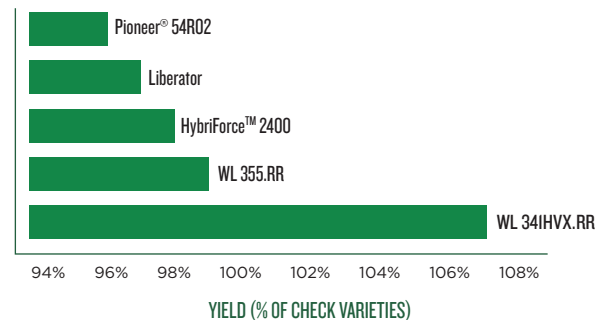
## ALFALFA REINVENTED - THE NEW STANDARD OF YIELD POTENTIAL AND QUALITY WITH W-L HARVXTRA® ALFALFA

HarvXtra® Alfalfa with Roundup Ready® Technology is truly a gamechanger 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 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 Advantages

- WL 341HVX.RR gives growers tremendous value of flexibility in choosing to maximize unmatched fiber digestibility, or accumulate greater yield potential by delaying cutting frequency, without sacrificing feed quality
- Lignin (ADL %, acid detergent lignin) content of at least 15% less than competitive check varieties on 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
- Perfect Disease Resistance Index (30/30) and very winterhardy, (2.1), delivering long stand life under tough growing conditions
- WL 341HVX.RR is stacked with Roundup Ready® Technology for exceptional 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 and Northern Plains, as well as Intermountain Regions and Northwestern U.S.; ideally-suited for on-farm dairy, beef or cash hay producers
- 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 The Gold Treatment® PLUS seed coat treatment containing Stamina® fungicide

WL 341HVX.RR OUTYIELDS THE COMPETITION  
WEST SALEM, WI 2014-2016\*

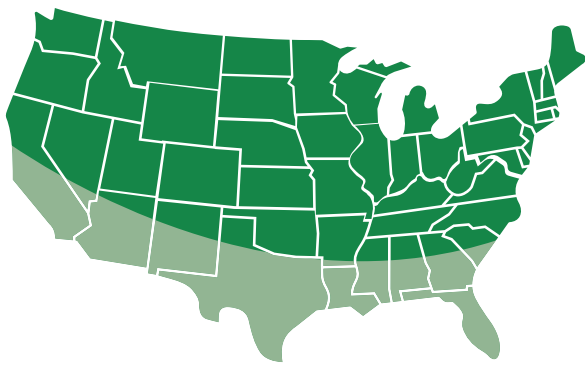


### Planting WL 341HVX.RR utilizing the Genuity® Roundup Ready® weed control system provides many benefits over conventional herbicide programs

- 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

\*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.





■ Area of Primary Adaptation

# WL 341HVX.RR Firmly Establishes a New Level of Fiber Digestibility and Feed Value

Boone, IA; Mt. Joy, PA; West Salem, WI 2015-2016

Variety	ADL	NDFD	RFQ**
<b>WL 341HVX.RR</b>	<b>73%</b>	<b>125%</b>	<b>128%</b>
WL 355.RR	100%	98%	100%
Pioneer® 54R02	99%	99%	99%
HybriForce™ 2400	100%	102%	101%
Liberator	96%	103%	107%

ADL = Acid Detergent Lignin  
 NDFD = Neutral Detergent Fiber digestibility  
 \*\*Relative Forage Quality

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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.



**For more information:**

- wlresearch.com
- harvxtra.com
- harvxtra.com/resources.html

## AGRONOMIC TRAITS

Maturity	Early
Fall Dormancy	4.0
Winterhardiness	2.1
Digestibility/Feed Value	HVXRR*
Recovery After Harvest	Very Fast
Standability	Excellent
Traffic Tolerance	Very Good
Disease Resistance Index	30/30

\*HarvXtra® Alfalfa with Roundup Ready® Technology

## PEST RESISTANCE TRAITS

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

HR = HIGH RESISTANCE R = RESISTANT

For the 2017 growing season, 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. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval in China and until Forage Genetics International, LLC (FGI) grants express permission for such planting. 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.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are trademarks of Monsanto Technology LLC, used under license by Forage Genetics International, LLC. HarvXtra® is a registered trademark of Forage Genetics International, LLC. HarvXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc. ©2017 Forage Genetics International. WL and Better Seed Through Research are registered trademarks and HQ and HopperShield are trademarks of W-L Research.

