

ENHANCED YIELD POTENTIAL AND QUALITY WITH OUTSTANDING POTATO LEAFHOPPER RESISTANCE

The latest Genuity® Roundup Ready® is HopperShield™ potato-leafhopper-resistant alfalfa variety from W-L Research. WL 359LH.RR is our third release in the category of stacked glyphosate tolerance and potato leafhopper resistance. Bred and selected for the Midwest and Northeastern U.S. growers, WL 359LH.RR is an exciting new product, now with the industry's leading eighth-generation PLH resistance package. The HopperShield™ lineup, and now WL 359LH.RR, is an ideal pick for dairy, beef or cash hay growers looking for top yield potential and quality under various levels of leafhopper pressure.

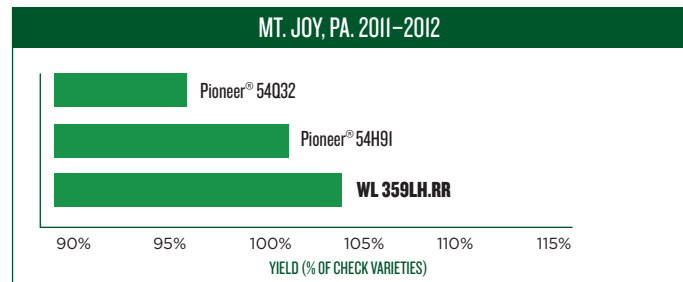
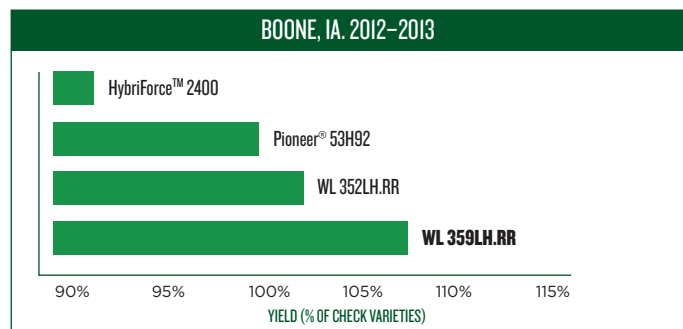
WL 359LH.RR Advantages

- Eighth-generation potato leafhopper resistance with HopperShield™ protection delivers high yield potential and forage quality without the need to spray, even under heavy leafhopper pressure
- Impressive stand health visuals under various levels of leafhopper pressure, coupled with ability to apply broad-spectrum weed control and crop safety of glyphosate
- Winterhardy (WH=2.2); WL 359LH.RR delivers solid winter survival, even under harsh winter conditions
- A perfect disease resistance index (DRI) of 30/30 for solid yield potential and stand persistence across a wide range of soil types and climates
- Dark green, fine-stemmed and a highly palatable HopperShield™ product
- Under various management and cutting schedules, WL 359LH.RR ensures solid yield potential, quality and persistence against yield-robbing PLH pests
- Well-adapted and bred for use in the Midwestern or Northeastern U.S. for hay or haylage use

Planting WL 359LH.RR alfalfa and using the Genuity® Roundup Ready® weed control system provides many benefits over conventional herbicide programs

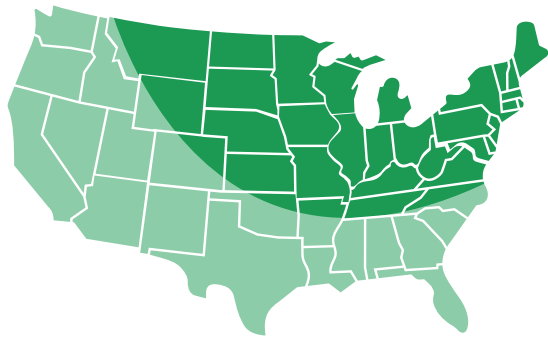
- Superb weed control at both stand establishment and in established stands means fewer weeds and higher quality hay and haylage, which can result in more milk and beef per acre
- Superior crop safety at all growth stages with the Roundup Ready® weed control system provides increased yield potential at establishment and in subsequent years
- The simplicity of using a single herbicide (Roundup®) provides superior weed control with no need to tank mix; one herbicide does it all
- Flexibility in timing of application allows growers using the Roundup Ready® system to spray when necessary; no carryover or crop rotation limitations
- Minimal wait (five days) after Roundup® application before haying/feeding

WL 359LH.RR OUTYIELDS THE COMPETITION



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



Treatment Thresholds for Potato Leafhoppers

ALFALFA STEM HEIGHT (INCHES)	LEAFHOPPERS PER 10 SWEEPS	
	CONVENTIONAL VARIETIES	WL 359LH.RR
4	4	41
6	6	62
8	8	82
10	10	103

Spray thresholds from Iowa State University

When compared to conventional alfalfas, WL 359LH.RR can tolerate over TEN times the level of potato leafhoppers before spray treatment is necessary.



AGRONOMIC TRAITS	
Maturity	Early
Fall Dormancy	3.9
Winterhardiness	2.2
Persistence Index	Very High
Recovery After Harvest	Very Fast
Standability	Excellent
Digestibility/Feed Value	Superior
Traffic Tolerance	Very Good
Disease Resistance Index	30/30

PEST RESISTANCE TRAITS	
Bacterial Wilt	HR
Fusarium Wilt	HR
Anthrachnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot – Race I	HR
Verticillium Wilt	HR
Disease Resistance Index	30/30
Potato Leafhopper	86%
Leaf Disease	R
Aphids	R
Nematodes	R

HR = HIGH RESISTANCE R = RESISTANT

Do not export Genuity® Roundup Ready® Alfalfa seed or crop, including hay or hay products, to China pending import approval. In addition, due to the unique cropping practices do not plant Genuity® Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI'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.biotradesstatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

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. Genuity Design®, Genuity Icons, Genuity®, Roundup Ready® and Roundup® are trademarks of Monsanto Technology LLC, used under license by FGI. WL and Better Seed Through Research are registered trademarks and Hopper Shield is a trademark of W-L Research.

