

Exceptional Yield and Superior Forage Quality Under Heavy Leafhopper Pressure

Genuity® Roundup Ready® Alfalfa



WL 352LH.RR

WL 352LH.RR Advantages:

- Excellent tolerance to Roundup® non-selective herbicide.
- Industry-leading "7th Generation" potato leafhopper resistance with HopperShield™ protection delivers high yields and excellent forage quality under heavy leafhopper pressure without spraying!
- Very high-yielding (FD=3.9) under 3-, 4-, and 5-cut harvest schedules.
- Superior digestibility produces more milk or beef and greater profitability when fed.
- Very winterhardy (WH=1.9); WL 352LH.RR delivers long stand life under the toughest weather conditions.
- A "perfect" disease resistance index (DRI) of 30/30 produces big yields and long stand life across a wide range of soil types.
- Very well-adapted for use in the Midwestern and Northeastern U.S. for hay and haylage uses.

Planting WL 352LH.RR and utilizing the Genuity® Roundup Ready® weed control system provides many benefits vs. conventional herbicide programs:

- Unmatched weed control at both stand establishment and in established stands means fewer weeds and higher-quality hay and haylage, resulting in more milk and beef per acre.
- Superior crop safety with the Roundup Ready® system provides increased yield potential in both the establishment and subsequent years.
- Flexibility in timing of application allows growers utilizing the Roundup Ready® system in alfalfa the ability to spray when necessary; no crop rotation restrictions.



Based on the decision of the U.S. Department of Agriculture (USDA) on January 27, 2011, Genuity® Roundup Ready® Alfalfa seed is available for sale and distribution by authorized Seed Companies or their dealers for use in the United States only. This seed may not be planted outside of the United States, or for the production of seed, or sprouts.

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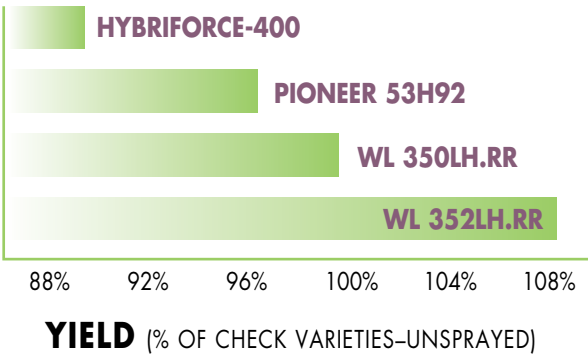
ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity Icons, Genuity®, Roundup Ready®, and Roundup® are trademarks of Monsanto Technology LLC. ©2011 Monsanto Company.

WL 352LH.RR



■ Area of Primary Adaptation

WL 352LH.RR OUT-YIELDS THE COMPETITION UNDER HEAVY LEAFHOPPER PRESSURE!



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Treatment Thresholds for Potato Leafhoppers in Alfalfa

Alfalfa Stem Height (inches)	Leafhoppers Per 10 Sweeps	
	Conventional Varieties	WL 352LH.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 352LH.RR tolerates TEN TIMES the level of leafhoppers before spray treatment is necessary!

Agronomic Traits

Maturity	Early
Fall Dormancy	3.9
Winterhardiness	1.9
Forage Yield	Excellent
Digestibility/Feed Value	Superior
Persistence Index	High
Disease Resistance Index	30/30
Recovery After Harvest	Fast
Standability	Very Good
Multileaf Expression	High (54%)

Pest Resistance Traits

Bacterial Wilt	HR (72%)
Fusarium Wilt	HR (78%)
Anthracnose	HR (72%)
Phytophthora Root Rot	HR (55%)
Aphanomyces Root Rot	HR (61%)
Verticillium Wilt	HR (60%)
Leaf Disease	R
Disease Resistance Index	30/30
Potato Leafhopper	HR (87%)

HR = High Resistance R = Resistant