WL 356HQ.RR

FD4

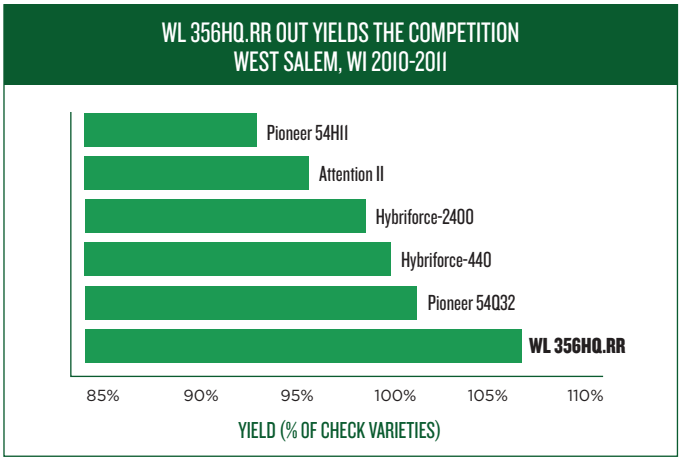
OUTSTANDING YIELD POTENTIAL AND FORAGE QUALITY WITH POWERFUL PROTECTION ON YOUR TOUGHEST SOILS

WL 356HQ.RR Advantages

- Very high yield potential under 3- to 5-cut harvest managements
- Unique wet soil disease resistance package (HR to Aphanomyces Race 2) promoting better stand establishment, persistence, and forage yield
- WL 356HQ.RR carries the "HQ" designation, exhibiting strong potential to deliver higher feed intake, improve milk production, and increase profitability when fed
- Very winterhardy (WH=1.6); WL 356HQ.RR delivers long stand life under adverse weather and soil conditions
- Highly resistant (HR) to stem nematode
- Perfect Disease Resistance Index (DRI) of 35/35 promotes fast seedling establishment and long stand life
- Ideal FD4 variety for Midwest, Northern Plains, Pacific Northwest and Northeastern region of the U.S. for hay and haylage uses
- Salt tolerance of germinating seeds similar to resistant check

Planting WL 356HQ.RR alfalfa and utilizing the Genuity® Roundup Ready® weed control system provides many benefits over conventional herbicide programs

- Unmatched 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 per ton fed and higher RFQ when tested
- Superior crop safety at all growth stages with the Roundup Ready® weed control system delivers increased yield potential in both the establishment year and 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 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

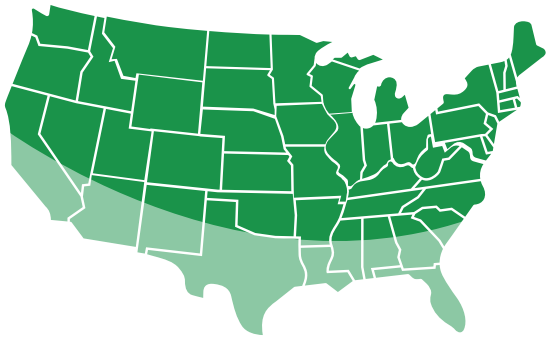


WL ALFALFAS

HQ™

genuity ROUNDUP READY ALFALFA

Visit **wlresearch.com** for more information.



AREA OF PRIMARY ADAPTATION

WL 356HQ.RR Continues the "HQ" Tradition of Elite Forage Quality

Boone, IA 2011

VARIETY	CP	IVTD*	RFQ**	$/ACRE***
WL 356HQ.RR	**22.9**	**81.7**	**202**	**$4,126**
Pioneer 53Q30	21.4	79.1	187	$3,893
HybriForce-440	21.6	79.9	186	$3,853
DKA 43-13	20.8	76.7	172	$3,813

* *In Vitro* True Digestibility

** Relative Forage Quality

*** Results and prices may vary; therefore, results to be obtained, including but not limited to yields, financial performance, or profits, cannot be predicted or guaranteed by W-L Research.

DORMANT

AGRONOMIC TRAITS

Maturity	Early
Fall Dormancy	**3.8**
Winterhardiness	**1.6**
Digestibility/Feed Value	Superior
Persistence Index	Very High
Recovery After Harvest	Very Fast
Traffic Tolerance	Very Good
Standability	Excellent
Multileaf Expression	Very High

PEST RESISTANCE TRAITS

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot - Race I	HR
Aphanomyces Root Rot - Race 2	**HR**
Verticillium Wilt	HR
Leaf Disease	HR
Aphids	R
Stem Nematode	HR
Disease Resistance Index	**35/35**

HR = HIGH RESISTANCE R = RESISTANT

Do You Need Dual-Race Aphanomyces Root Rot Resistance?

The Aphanomyces fungus prunes alfalfa roots, resulting in stunted, chlorotic plants and poor seedling establishment on wet soils. Most alfalfa varieties currently marketed in the U.S. are resistant to Race 1 Aphanomyces, but very few varieties are resistant to Race 2.

Race 2 Aphanomyces isolates are widespread and cause severe disease on Race 1-resistant varieties. University forage specialists throughout the Midwest and Northeast suggest that Race 2 Aphanomyces represents a widespread risk to alfalfa varieties that possess only Race 1 Aphanomyces resistance.

Planting alfalfa with high resistance to Race 2 Aphanomyces (WL 356HQ.RR, left, below) will significantly improve alfalfa stand establishment and productivity on heavy or poorly drained soils where root diseases are prevalent.