Exceptional Leafhopper Resistance and Outstanding Yield Potential

Otterbein, Indiana 2007-2008 Yield*		Boone, Iowa 2008 Yield*		Mt. Joy, Pennsylvania 2006-2008 Yield*		Iowa State University, Ames, Iowa 2008 Yield*	
Variety	Yield (T/A)	Variety	Yield (T/A)	Variety	Yield (T/A)	Variety	Yield (T/A)
WL 353LH	**11.98**	**WL 353LH**	**6.70**	**WL 353LH**	**17.68**	**WL 353LH**	**3.37**
WL 345LH	11.24	Pioneer 53H92	6.39	WL 345LH	16.85	Pioneer 53H92	3.10
Pioneer 54H91	10.62	Garst 6426	6.25	Pioneer 54H91	15.20	BluejayHR	2.97
Pioneer 54V46	7.11	HybriForce 400	5.51	Pioneer 54V46	13.35	GH773LH	2.88
						Garst 6426	2.80
						EverGreen3	2.80
						Vernal	2.29

***No insecticide used for leafhopper control.**

WL 353LH

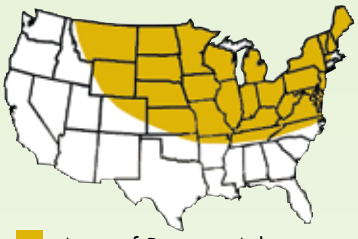
WL 353LH is a new high-yielding, high-quality alfalfa that also delivers the best levels of potato leafhopper resistance available today (7th Generation). WL 353LH is a true "no-spray" alfalfa, eliminating the need for chemical insect control in areas prone to high leafhopper pressure.

WL 353LH Advantages:

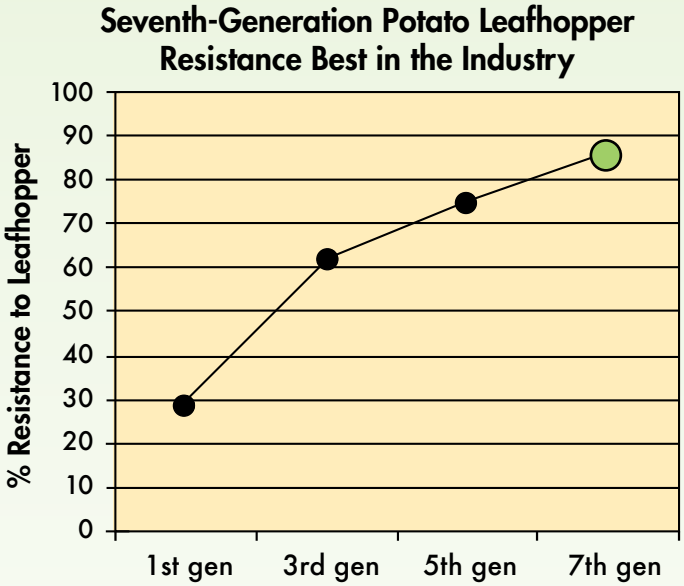
- New "7th Generation" potato leafhopper resistance best in the industry; a true "no-spray" PLH-resistant alfalfa, anytime, anywhere!
- Dramatic improvements in agronomic performance–with or without leafhopper pressure!
- Impressive visual appeal under high leafhopper pressure.
- Very high-yielding (FD= 4.0) under 3-, 4-, and 5-cut harvest managements.
- Superior digestibility produces more milk or beef and greater profitability when fed.
- Very winterhardy (WH = 1.9) and persistent; WL 353LH delivers long stand life under tough weather conditions.
- "Perfect" disease resistance index (DRI) of 30/30 produces big yields on your toughest soils.
- Resistant to aphid and nematode pests that attack alfalfa.
- Dark green, fine-stemmed, and highly palatable.
- Very well-adapted for use in the Northeastern and Midwestern U.S. for hay and haylage uses.

WL ALFALFAS®
BETTER SEED THROUGH RESEARCH

WL 353 LH



Area of Primary Adaptation



Treatment Thresholds for Potato Leafhoppers in Alfalfa

Alfalfa Stem Height (inches)	Leafhoppers Per 10 Sweeps	
	Conventional Varieties	WL 353 LH
4	4	**41**
6	6	**62**
8	8	**82**
10	10	**103**

Spray thresholds from Iowa State University

When compared to conventional alfalfas, WL 353 LH tolerates TEN TIMES the level of leafhoppers before spray treatment is necessary!

ALFALFAS®
BETTER SEED THROUGH RESEARCH

W-L Research
PO Box 8112
Madison, WI 53708-8112
800-406-7662
www.wlresearch.com

Agronomic Traits

Maturity	Early
Fall Dormancy	**4.0**
Winterhardiness	**1.9**
Forage Yield	Excellent
Digestibility/Feed Value	Superior
Persistence Index	Very High (7.3)*
Disease Resistance Index	30/30
Recovery after Harvest	Very Fast (7.1)*
Traffic Tolerance	Very Good
Standability	Excellent

* Scored 1 (poor) to 9 (best)

Pest Resistance Traits

Bacterial Wilt	HR (76%)
Fusarium Wilt	HR (56%)
Anthracnose	HR (81%)
Phytophthora Root Rot	HR (63%)
Aphanomyces Root Rot (Race 1)	HR (57%)
Verticillium Wilt	HR (58%)
Potato Leafhopper	**HR (86%)**
Leaf Disease	R
Pea Aphid	R
Nematodes	R

HR = High Resistance R = Resistant