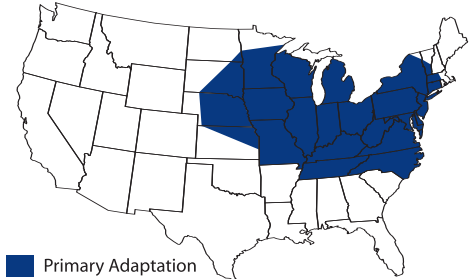




AmeriStand 409LH

Resistance to Potato Leafhopper with Increased Yield & Forage Quality Potential
Fall Dormancy 3.8 • Winterhardiness 2

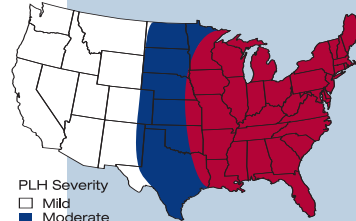
- Improved forage yield potential with high Potato Leafhopper resistance
- High resistance to 6 major alfalfa diseases (DRI of 30) and pea aphid
- Specially selected for later fall dormancy with excellent winterhardiness
- Multifoliolate (ML) for improved forage quality
- Fast recovery after cutting



Performance Profile				
Yield Potential	S	G	VG	EX
Forage Quality Potential	S	G	VG	EX
Cuttings per Season	2-3	3-4	4-5	5+
Stand Persistence	S	G	VG	EX
Recovery After Cutting	Slow	Norm	Fast	Very Fast
Stress Tolerance	S	G	VG	EX
Reduced Till	S	G	VG	EX
Plant Color		Light Green	Green	Dark Green
Resistance Ratings				
Potato Leafhopper	LR	MR	R	HR
<i>Phytophthora</i> Root Rot	LR	MR	R	HR
<i>Aphanomyces</i> Root Rot	LR	MR	R	HR
Anthraco-nose	LR	MR	R	HR
<i>Verticillium</i> Wilt	LR	MR	R	HR
Bacterial Wilt	LR	MR	R	HR
<i>Fusarium</i> Wilt	LR	MR	R	HR
Pea Aphid	LR	MR	R	HR
Stem nematode	LR	MR	R	HR

Alfalfa stands suffer loss before yellowing

Potato leafhopper attacks can reduce



crude protein, lower dry matter yield and reduce winter survival. These mid-to-late season alfalfa pests suck sap from plants and damage leaflets. Restriction

of water and nutrient flow causes yellowing of leaf tips. Severely damaged plants will be stunted, if leafhoppers are not controlled. Damage typically first appears along the edge of fields, but field scouting is recommended to detect leafhoppers before yellowing appears. Highly resistant varieties suffer significantly less damage and inhibit leafhopper populations.



Leafhopper burn appears as yellow wedge-shaped areas on leaf tips.

EX = Excellent • VG = Very Good • G = Good • S = Susceptible/Satisfactory
 HR = >51% Resistance • R = 31-50% Resistance • MR = 15-30% Resistance • LR = 6-14% Resistance

LH = Leafhopper Resistant

800-873-2532

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AmeriStand 409LH

Resistance to Potato Leafhopper with
Increased Yield & Forage Quality Potential

Fall Dormancy 3.8 • Winterhardiness 2



New AmeriStand 409LH Delivers Higher Yields Over Two Years Buck Creek, IN Yield Test

Variety	Two-year average	
	Tons/Acre	% of Trial Avg.
AmeriStand 409LH	9.53	104%
HybriForce 440	9.49	103%
AmeriStand 404LH	9.15	99%
Pioneer 54V46 Standard	8.84	97%
Pioneer 4P424	8.66	94%
Pioneer 54H91 PLH	8.66	94%

Otterbein, IN Yield Test

Variety	Two-year average	
	Tons/Acre	% of Trial Avg.
AmeriStand 409LH	11.26	117%
Pioneer 54V91 PLH	10.62	110%
Pioneer 54V54 Standard	7.11	74%

Mount Joy, PA Yield Test

Variety	Two-year average	
	Tons/Acre	% of Trial Avg.
AmeriStand 409LH	14.18	112%
Pioneer 54V91 PLH	12.61	99%
Pioneer 54V46 Standard	11.26	89%

Milk production per acre from forage

Variety	YTA	MRFQ	PMA
AmeriStand 409LH	5.67	195	18,328
Pioneer 54V54	5.47	187	17,363
Pioneer 54H91	5.51	178	17,011

YTA = Yield Tons/Acre • MRFQ = Mean Relative Forage Quality
PMA = Pounds of milk per acre

Forage intake and potential digestibility

Variety	NDF	NDFD	RFQ
AmeriStand 409LH	33.1	50.9	195
Pioneer 54V54	35.1	50.2	187
Pioneer 54H91	35.7	48.1	178

NDF = Neutral Detergent Fiber RFQ = Relative Forage Quality
NDFD = Neutral Detergent Fiber Digestibility

Forage Yield Potential

Variety	% of Check Variety Averages			Ave. % of Checks/All Locations
	Boone, IA	Buck Creek, IN	Mount Joy, PA	
AmeriStand 409LH	127%	125%	112%	118%
HybriForce 440	83%	89%		91%
Pioneer 54V54	84%	88%	99%	90%
Pioneer 54H91	106%	112%	101%	105%

The above table shows you the performance of this variety relative to commercial checks in the first, and second production years. Forage yield potential is presented as the percentage of the check mean.
The Grand mean figure is the average % of checks over all locations



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