



AmeriStand 419LH Brand

FALL DORMANCY: 4

WINTERHARDINESS: 2

CUTTINGS/SEASON: 3-4

PERFORMANCE PROFILE

Yield Potential: Excellent

Forage Quality: Very Good

Stand Persistence: Excellent

Recovery After Cutting: Fast

RESISTANCE RATINGS

Leafhopper: HR

Phytophthora Root Rot: HR

**Aphanomyces Root Rot
RACE 1:** HR

Anthracnose: HR

Verticillium Wilt: HR

Bacterial Wilt: HR

Fusarium Wilt: HR

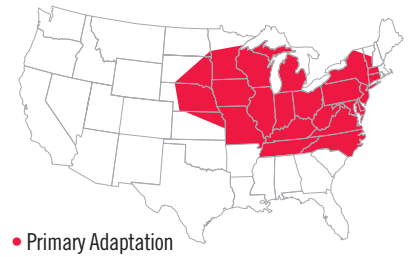
Pea Aphid: HR

Stem Nematode: R

HR = >51% Resistance
R = 31-50% Resistance
MR = 15-30% Resistance
LR = 6-14% Resistance

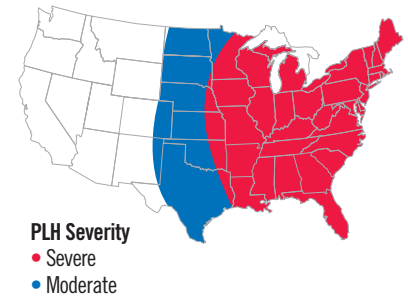
High Resistance to Potato Leafhopper with Increased Yield & Forage Quality Potential

- Selected for enhanced glandular hair trait expression with excellent winterhardiness
- High resistance to six common alfalfa diseases plus leafhopper and aphids
- Multi-foliolate (ML) for increased forage quality
- Fast recovery after cutting with very good forage yield potential



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.



VARIETY PERFORMANCE

| YIELD TRIAL LOCATION* | TRIAL YEARS REPORTED | MULTI-YEAR TOTAL TONS PER ACRE | MULTI-YEAR % OF MEAN |
|-----------------------|----------------------|--------------------------------|----------------------|
| Boone, IA | 4 | 28.44 | 111% |
| Mount Joy, PA | 3 | 23.76 | 106% |

The above table compares variety performance in locations with positive results relative to trial means.
*Potato Leafhopper was not managed – no spray treatment in trials listed above.

