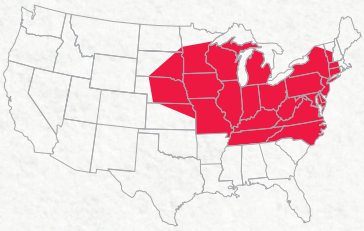
AMERISTAND 419LH BRAND

FALL DORMANCY: 4 | **WINTERHARDINESS: 2**

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

- Selected for enhanced glandular hair trait expression with excellent winterhardiness
- High resistance to common alfalfa diseases plus leafhopper
- Fast recovery after cutting with very good forage yield potential



• Primary Adaptation

PERFORMANCE

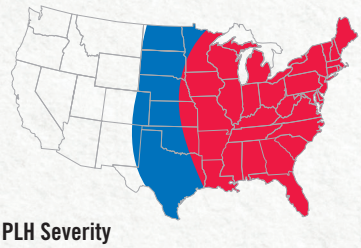
Yield Potential:	**Excellent**
Forage Quality:	**Very Good**
Stand Persistence:	**Excellent**

RESISTANCE

Leafhopper:	**HR**
Phytophthora Root Rot:	**HR**
Aphanomyces Root Rot Race 1: Race 2:	 **HR** **R**
Anthracnose Race 1:	**HR**
Verticillium Wilt:	**HR**
Bacterial Wilt:	**HR**
Fusarium Wilt:	**HR**
Pea Aphid:	**R**
Spotted Alfalfa Aphid:	**MR**
Stem Nematode:	**R**

Alfalfa Stands Suffer Loss From Potato Leafhoppers

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 on the wedge-shaped areas on 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.



PLH Severity

• Severe

• Moderate

Variety Performance

YIELD TRIAL LOCATION	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF CHECKS
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.

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