



AmeriStand 445NT



FALL DORMANCY: 4

WINTERHARDINESS: 2.5

CUTTINGS/SEASON: 4-5

PERFORMANCE PROFILE

Traffic Tested®: Excellent

Yield Potential: Excellent

Forage Quality: Very Good

Stand Persistence: Excellent

Recovery After Cutting: Fast

RESISTANCE RATINGS

Phytophthora Root Rot: HR

Aphanomyces Root Rot
RACE 1: R

Anthracnose: HR

Verticillium Wilt: R

Bacterial Wilt: HR

Fusarium Wilt: HR

Pea Aphid: R

Spotted Alfalfa Aphid: HR

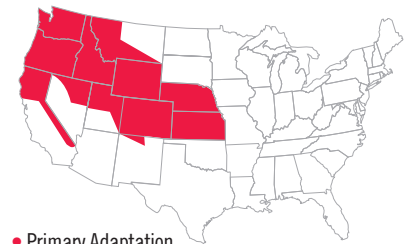
Stem Nematode: HR

Root Knot Nematode: HR

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

Excellent Yield Potential with High Nematode Resistance

- Ideal 4 to 5 cut variety adapted for western US areas with nematode pressure
- High resistance to seven diseases and pests, including root knot and stem nematodes
- Excellent rotation variety for nematode resistance



• Primary Adaptation

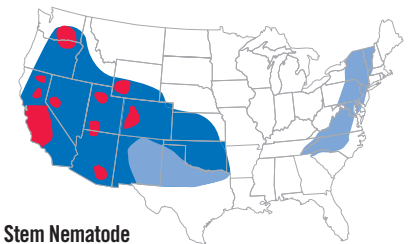
TRAFFIC TESTED® GENETICS WITH HIGH NEMATODE RESISTANCE

Proven, Traffic Tested® varieties can outperform and out-yield over the life of your alfalfa stand. The AmeriStand varieties are named for their ability to withstand traffic from grazing and equipment.

Root Knot Nematodes like stem nematodes, may enhance diseases such as bacterial wilt, *Phytophthora* Root Rot, and *Fusarium* Wilt. Symptoms of infection are small distinct galls on roots.

Stem Nematodes are the most serious nematode for alfalfa.

A stem nematode infection destroys chloroplasts causing "white flags," or pale leaf tissue. When established, stem nematodes can severely limit productivity for two to three years.



Stem Nematode

- Severe
- Moderate
- Mild

VARIETY PERFORMANCE

YIELD TRIAL LOCATION	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF MEAN
Basin City, WA	5	38.96	113%
Butter Creek, OR	5	45.04	106%
Franklin, WA	2	19.32	106%
Fruita, CO	3	16.26	112%
Nampa, ID	3	29.77	108%
Othello, WA	2	20.87	113%
Pasco, WA	2	16.48	109%
Touchet, WA	4	39.47	105%

The above table compares variety performance in locations with positive results relative to trial means.

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