



AmeriStand 545NT RR



FALL DORMANCY: 5.4

WINTERHARDINESS: 2.5

CUTTINGS/SEASON: 5+

PERFORMANCE PROFILE

Traffic Tested®: Excellent

Yield Potential: Excellent

Stand Persistence: Excellent

Recovery After Cutting: V. Fast

Salt Tolerance*: Germination

RESISTANCE RATINGS

Phytophthora Root Rot: HR

Aphanomyces Root Rot
RACE 1: HR

Anthracnose: HR

Verticillium Wilt: HR

Bacterial Wilt: R

Fusarium Wilt: R

Pea Aphid: HR

Blue Alfalfa Aphid: LR

Spotted Alfalfa Aphid: HR

Stem Nematode: HR

Root Knot Nematode: HR

HR = >51% Resistance

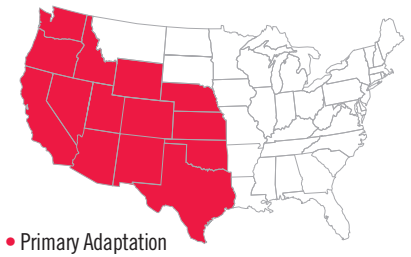
R = 31-50% Resistance

MR = 15-30% Resistance

LR = 6-14% Resistance

Nematode Resistant Traffic Tested® Roundup Ready® Tolerant Alfalfa

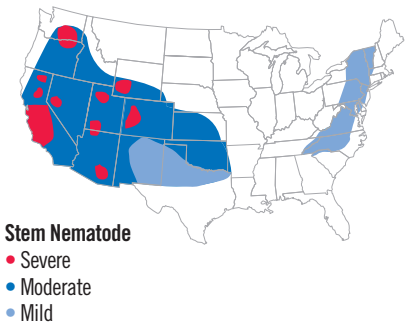
- High quality and yield potential while complimenting conventional AmeriStand 518NT in adapted regions
- Excellent choice to maximize forage production while profiting from the Roundup Ready® weed control system
- High resistance to multiple yield-robbing pests including root knot nematode and stem nematode



TRAFFIC TESTED® GENETICS WITH HIGH NEMATODE RESISTANCE

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.



VARIETY PERFORMANCE

YIELD TRIAL LOCATION	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF MEAN
Fruita, CO	3	17.14	103%
Nampa, ID	4	31.88	111%
Basin City, WA	3	30.67	105%
Butter Creek, OR	3	41.49	110%
Othello, WA	2	25.27	114%
Touchet, WA	4	27.91	108%

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

* In tests established by the NAAIC Review Board, this variety demonstrated improved salt tolerance of germinating seeds as compared to the industry salt tolerant checks. References available upon request.

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