



AmeriStand 518NT



FALL DORMANCY: 5.2

WINTERHARDINESS: 1.9

CUTTINGS/SEASON: 4-5

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: HR

Fusarium Wilt: HR

Pea Aphid: HR

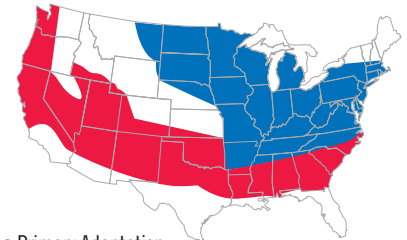
Stem Nematode: HR

Root Knot Nematode: HR

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

High Yield Potential with Nematode Resistance

- Widely adapted variety with excellent winter hardiness
- High resistance to nine yield-robbing diseases and pests
- Very fast recovery for frequent harvest schedules under intensive management

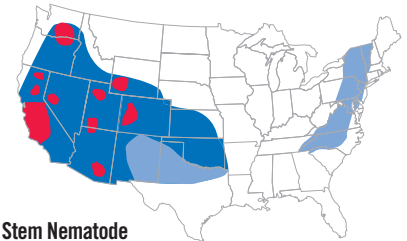


- Primary Adaptation
- Secondary Adaptation

NEMATODES ARE YIELD ROBBERS

Stem Nematodes infestations can cause stunted plants and thin stands. Under warm, humid conditions, they can migrate into leaf tissue, killing chloroplasts and turning the leaves white. Infestations can cause stunted plants and thin stands. Under warm, humid conditions, they can migrate into leaf tissue, killing chloroplasts and turning the leaves white.

Root Knot Nematodes are among the most widespread and economically damaging to alfalfa. They are most abundant in sandy loam soils and infect roots, causing galls and lateral root growth. Bacterial wilt, *Phytophthora* root rot, *Fusarium* wilt and stem nematode damage may be enhanced when Northern root knot is present.



- Stem Nematode**
- Severe
 - Moderate
 - Mild

VARIETY PERFORMANCE

YIELD TRIAL LOCATION	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF MEAN
Fruita, CO	3	17.88	106%
Rexburg, ID	5	29.51	112%
Nampa, ID	3	30.36	111%
Touchet, WA	4	44.67	108%
Othello, WA	2	24.58	107%
Butter Creek, OR	5	43.89	103%

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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