



AmeriStand 415NT RR



FALL DORMANCY: 4.3

WINTERHARDINESS: 2.3

CUTTINGS/SEASON: 4-5

PERFORMANCE PROFILE

Traffic Tested®: Excellent

Yield Potential: Excellent

Forage Quality: Excellent

Stand Persistence: Excellent

Recovery After Cutting: 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

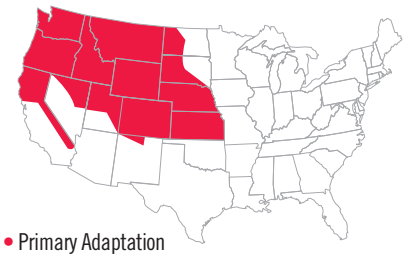
Root Knot Nematode: HR

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

*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.

Nematode Resistant Traffic Tested® Roundup Ready® Tolerant Alfalfa

- High quality and yield potential
- Compliments conventional AmeriStand 445NT in the PNW
- Excellent choice to maximize forage production while profiting from the Roundup Ready® weed control system
- High resistance to 9 yield-robbing pests including root knot nematode, stem nematode and pea aphid
- Improved salt tolerance of germinating seeds*

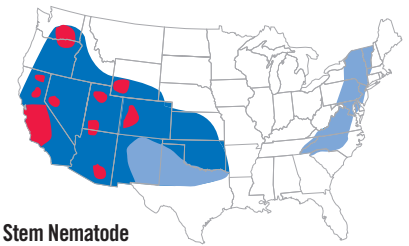


• Primary Adaptation

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.



Stem Nematode

- Severe
- Moderate
- Mild

VARIETY PERFORMANCE

PERFORMANCE PROFILE	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF MEAN
Touchet, WA	4	37.34	107%
Garden City, KS	3	27.09	107%
Fruita, CO	3	17.76	105%
Butter Creek, OR	3	31.60	106%
Basin City, WA	2	19.81	110%
Nampa, ID	3	29.62	112%
Rexburg, ID	2	19.8	111%

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

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. As of June 2017, Roundup Ready® Alfalfa has pending import approvals. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotechadestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

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Due to factors outside of Forage Genetics International's (FGI's) control, such as weather, crop production patterns, and other factors, results to be obtained, including but not limited to yields or financial performance, cannot be predicted or guaranteed by FGI. Results are based upon FGI controlled tests and field trials and public trials. Actual results may vary.



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