



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

RESISTANCE RATINGS

Phytophthora Root Rot: HR

Aphanomyces Root Rot
RACE 1: HR

Anthracnose: HR

Verticillium Wilt: HR

Bacterial Wilt: R

Fusarium Wilt: HR

Pea Aphid: HR

Spotted Alfalfa Aphid: HR

Stem Nematode: HR

Root Knot Nematode: HR

HR = >51% Resistance

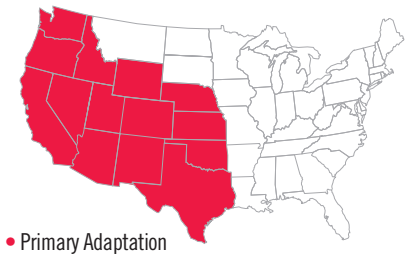
R = 31-50% Resistance

MR = 15-30% Resistance

LR = 6-14% Resistance

Nematode Resistant Traffic Tested® Roundup Ready® Tolerant Alfalfa

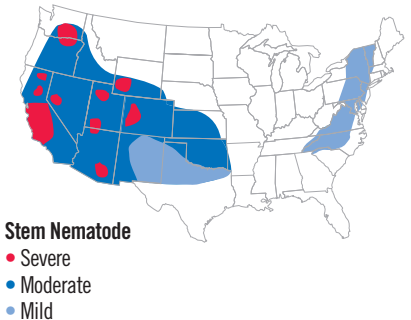
- High quality and yield potential while complimenting conventional Archer III in adapted regions
- Excellent choice to maximize forage production while profiting from the Roundup Ready® weed control system
- High resistance to multiple yield-robbing pests including root knot nematode and stem nematode



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.

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.biotechstatus.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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