



AmeriStand 427TQ



FALL DORMANCY: 4.3

WINTERHARDINESS: 1.8

CUTTINGS/SEASON: 4-5

PERFORMANCE PROFILE

Traffic Tested®: Excellent

Yield Potential: Excellent

Forage Quality: Excellent

Stand Persistence: Excellent

Recovery After Cutting: V. Fast

Salt Tolerance*: Germination

RESISTANCE RATINGS

Phytophthora Root Rot: HR

Aphanomyces Root Rot
RACE 1: HR

Aphanomyces Root Rot
RACE 2: HR

Anthracnose: HR

Verticillium Wilt: HR

Bacterial Wilt: HR

Fusarium Wilt: HR

Pea Aphid: R

Stem Nematode: HR

HR = >51% Resistance

R = 31-50% Resistance

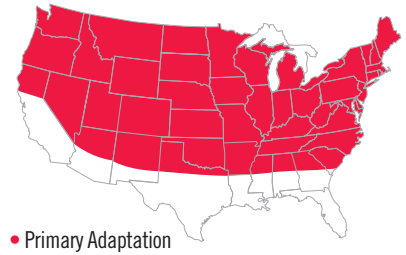
MR = 15-30% Resistance

LR = 6-14% Resistance

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

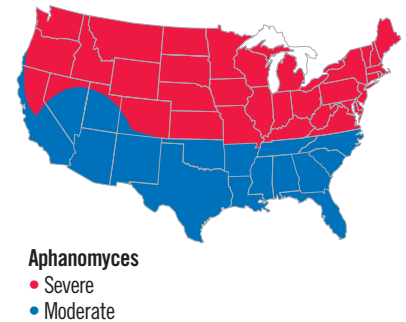
Top Productivity with High Resistance to Aphanomyces Root Rot Race 1 and 2

- Trial topping forage yield with Traffic Tested® variety performance
- Perfect disease resistance score of 35/35 DRI with HR for both races 1 and 2 of *Aphanomyces*
- Selected for superior forage quality
- Very fast recovery for frequent harvest schedules under intensive management
- Improved salt tolerance of germinating seeds*



APHANOMYCES

Aphanomyces is one of the primary seedling blight/ root rot diseases that can significantly impact alfalfa stand establishment. *Aphanomyces* primarily causes pruning of small roots, with damage most obvious during early establishment when wet conditions favor disease development. Pruning of smaller branch roots in established stands causes damage that is less obvious, but that can still significantly impact forage yield potential. Both *Aphanomyces* Race 1 and Race 2 are widely prevalent in the northern half of the U.S. and particularly severe on heavier soils in the upper Midwest and Northeast.



VARIETY PERFORMANCE

YIELD TRIAL LOCATION	TRIAL YEARS REPORTED	MULTI-YEAR TOTAL TONS PER ACRE	MULTI-YEAR % OF MEAN
West Salem, WI	3	25.04	117%
Cannon Falls, MN	2	14.87	110%
Geneseo, NY	2	14.75	110%
Mount Joy, PA	2	17.92	106%
Seward, NE	2	13.26	104%
Boone, IA	2	11.72	112%
Nampa, ID	3	27.70	105%

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

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