

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

FALL DORMANCY 4.3
WINTERHARDINESS 1.8
4-5 CUTTINGS A SEASON

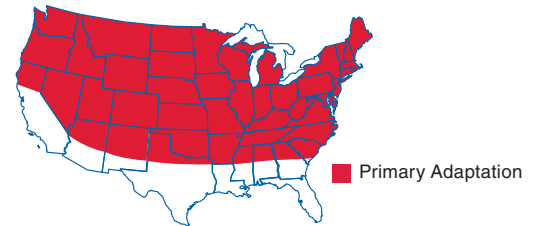


- Trial topping forage yield with Traffic Tested™ variety performance
- Perfect disease resistance score of 35/35 DRI with HR for both races 1 and 2 of Aphanomyces
- Selected for superior forage quality
- Very fast recovery for frequent harvest schedules under intensive management
- Improved salt tolerance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

Performance Profile	
Traffic Tested™	Excellent
Yield Potential	Excellent
Forage Quality Potential	Excellent
Stand Persistence	Excellent
Recovery After Cutting	Very Fast
Salt Tolerance*	Germination
Resistance Ratings	
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	HR
Anthracoese	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

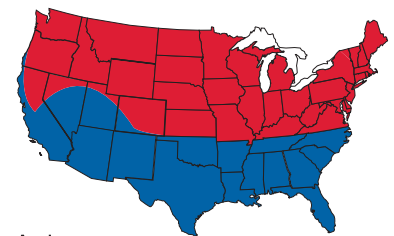
*In tests established by the NAAIC Review Board, this variety demonstrated improved salt tolerance of germinating seeds as compared to the industry salt tolerant checks. References available upon request.



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 a positive results relative to trial means.