



Secure BR Alfalfa

Secure-BR combines high resistance to the pathogens that inhabit wet soils which include Aphanomyces root rot (Race 2) along the branch rooted feature. Its root system has been selected for a greater degree of the branched rooted trait. This trait helps keep more of the root system above the water table and better **secures** the plant in the ground when freezing and thawing occurs. The branch-rooted trait will adjust as moisture stresses intensify.



Perennial Legumes

Agronomic Traits

Bacterial Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Verticillium Wilt	HR
Anthrachnose (Race 1)	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	R
Stem Nematode	HR
Northern root-knot nematode	HR
Southern root-knot nematode	R
Root Type	Branch
Winter Survival Index	1.6
Fall Dormancy	3.8
DRI	30/30
DRI (Including Aph. Race 2)	34/35

<u>Location</u>	<u>Year</u>	<u>Performance</u>
Lamberton, MN	2011-13	4 th out of 15*
Rock Springs, PA	2011-13	3 rd out of 36*
Marshfield, WI	2011-12	6 th out of 37*
Ithaca, NY	2011-13	7 th out of 31*

**: First place entry, *: Statistically equal to first place entry



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High Energy Forages and Soil Building Cover Crops