

MAGNUM 7-WET



Branch Root Alfalfa

Magnum 7-Wet combines high resistance to the pathogens that inhabit wet soils including *Aphanomyces* root rot (Race 2). Its root system has been genetically designed with 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.

Features

- Branch Root Trait
- High Resistance to six major diseases along with resistance to *Aphanomyces* root rot Race 2
- Winter hardy (1.6), Fall Dormancy (3.8)

Branch Root Alfalfa



University Forage Yield Trials

<u>Location</u>	<u>Year</u>	<u>Performance</u>
Marshfield, WI	2010-12	1 st out of 35**
Rock Springs, PA	2010-12	2 nd out of 32*
Lamberton, MN	2011-12	2 nd out of 15*
Ithaca, NY	2010-12	7 th out of 40
Rock Springs, PA	2012	12 th out of 28
Ottertail, MN	2010-12	13 th out of 19*

** : First place finish, * : Statistically equal to the first place finish

<i>Disease</i>		<i>Agronomic Traits</i>	
Bacterial Wilt	HR	Winter Survival	1.6
Fusarium Wilt	HR	Fall Dormancy	3.8
Phytophthora Root Rot	HR	Early Seedling Growth	Very Good
Verticillium Wilt	HR	Spring Vigor	Excellent
Anthracoese (Race 1)	HR	Summer Re-growth	Very Good
<i>Aphanomyces</i> Root Rot (Race 1)	HR	Fineness of Stem	Fine
<i>Aphanomyces</i> Root Rot (Race 2)	R	Forage Yield Index	Excellent
DRI	34/35	Forage Quality	Excellent
<i>Nematode</i>		Traffic Tolerance	Very Good
Stem Nematode	HR	Root Type	Branch
Northern Root knot-Nematode	HR	Crown Type	Average
Southern Root knot-Nematode	HR		



Dow AgroSciences