



Alfalfa Product Profile Sheet

MagnaGraze Alfalfa

Strengths

MagnaGraze features a sunken crown structure to tolerate heavy traffic conditions--whether from equipment or from grazing animals. **MagnaGraze's** crown structure is unique from other alfalfas in that it is placed 1 to 1½ inches below the soil surface. Conventional alfalfas are ½ to ¾ inches.

Benefits

MagnaGraze's strengths include high forage yield capabilities, high forage quality and solid persistence. It also carries a strengthened disease, insect and nematode resistance package. It is first (or not statistically different than first) in 19 of 26 University trials – or 73% of the time!

Yield	Very Good	Insect Resistance	
Maturity	Medium	Spotted Alfalfa Aphid	R
Quality	Excellent	Blue Alfalfa Aphid	MR
Recovery after Cutting	Very Good	Pea Aphid	R
Persistence	Excellent	Nematode Resistance	
Winter Injury Index	2.4	Stem Nematode	MR
Fall Dormancy Rating	3	Northern Root-knot Nematode	LR
DRI	27	Disease Resistance	
Root System Structure		Anthrachnose(Race 1)	R
85-95% Tap – well drained soils		Aphanomyces Root Rot(Race 1)	R
20-30% Branch – poorly drained soils		Bacterial Wilt	HR
		Fusarium Wilt	HR
		Phytophthora Root Rot	HR
		Verticillium Wilt	R
Crown Structure	Deep set, Sunken		
Soil Adaptability			
Well-drained soils	Very Good		
Moderately-drained soils	Very Good		
Poorly-drained soils	Very Good		
Grazing	Excellent		
Irrigated soils	Very Good		

University Forage Yield Performance of MagnaGraze

Location	Year	Performance
Lake City, MI	92-95	1st out of 10^{**}
Sidney, MT(Irig)	96-99	1st out of 30^{**}
Powell, WY	96-99	2 nd out of 17*
Lancaster, WI	94-97	3 rd out of 36*
Riverton, WY	94-97	3 rd out of 22*
Afton, WY	94-97	3 rd out of 14*
Scottsbluff, NE	94-96	3 rd out of 23*
Kalispell, MT(Dry)	96-99	3 rd out of 30*
Mead, NE	94-98	4 th out of 73*
Arlington, WI	94-97	4 th out of 44*
Alcalde, NM (Gaze)	2002-04	6 th out of 20*
Marshfield, WI	94-97	6 th out of 33*
Wake Co., NC	94-95	6 th out of 24*
Torrington, WY	96-99	7 th out of 26*
Waseca, MN	94-96	7 th out of 24
Prosser, WA	94-98	7 th out of 36
Ames, IA	94-97	7 th out of 30
Lexington, KY	94-95	7 th out of 14
Lexington, KY	94-95	7 th out of 12*
Bozeman, MT(Irig)	96-99	9 th out of 30*
Kalispell, MT(Irig)	96-99	10 th out of 30*
Rosemount, MN	94-98	14 th out of 16*
Alcalde, NM	2001-04	16 th out of 20
Wooster, OH	94-95	19 th out of 31*
Dawson Co., NE	94-96	21 st out of 31
Moccasin, MT(Dry)	96-99	27 th out of 30



** : First place entry in the test

* : Statistically equal to the first place entry