# MAGNUM 7



- · High yielding non-hybrid genetics
- · Great forage quality potential with a wide harvest window
- Consistent performance
- **Excellent disease resistance**
- Scores very well for winter survival and persistence
- Resistance to Aphanomyces root rot race 2

# **Agronomic Performance**

Forage Yield	3
Forage Quality	1
Early Seedling Growth	2
Spring Vigor	2
Summer Re-growth	2
Drought Stress	2
Traffic Tolerance	1

## **Alfalfa Characteristics**

Fall dormancy class:	FD 4
Winter survival:	1.6
Root type:	Тар

Multiple Pest Package	HR	R	MR	LR	S
Diseases					
Anthracnose	/				
Aphanomyces-race 1	<b>V</b>				
Aphanomyces-race 2		1			
Bacterial wilt	<b>V</b>				
Fusarium wilt	<b>V</b>				
Phytophthora root rot	1				
Verticillium wilt	<b>V</b>				
Nematode Resistance					
Stem nematode	V				
Northern root knot	/				
Southern root knot		<b>V</b>			
Insects					
Blue alfalfa aphid		1			
Cowpea aphid		/			
Pea aphid		/			
Spotted alfalfa aphid		1			

# Head-to-Head Comparison Yield in DM Tons per Acre

Competitor	Competitor	Magnum 7	Harvest Years <sup>1</sup>	% Yield Advantage
WL 535HQ	4.05	4.77	2	18%
N-R-GEE	5.44	6.15	25	13%
FSG 408DP	6.93	7.81	3	13%
AmeriStand 403T	4.86	5.32	15	10%
FSG 505	7.82	8.54	4	9%
Seedway 9558 SBR	5.27	5.74	5	9%
L-449	6.48	6.99	22	8%
DKA 34-17RR	6.98	7.35	9	5%
WL 354HQ	6.02	6.26	47	4%
AmeriStand 407TQ	6.42	6.59	15	3%
WL 363HQ	6.22	6.37	4	2%
DKA 41-18RR	8.74	8.94	7	2%
DKA 50-18	10.97	11.18	3	2%
NexGro 6422Q	5.78	5.87	12	2%
Legendairy XHD	6.24	6.28	41	1%
AmeriStand 427TQ	6.76	6.78	15	0%

<sup>1</sup> Harvest Years = the number of years in either Public and/or Private trials where the two varieties have been in the same trial and are on harvest schedule for the yield comparisons to be listed.

### Agronomic Performance Pest Resistance Ratings

1 to 9, 1 = Excellent

#### **Agronomic Ratings**

are based on average performance between Alforex varieties. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

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% Resistant Plants	Resistance Class	Class Abbreviation	
0-5%	Susceptible	S	
6-14%	Low Resistance	LR	
15-30%	Moderate Resistance	MR	
31-50%	Resistant	R	
>50%	High Resistance	HR	

