



# MAGNUM 8

- Impressive yield potential in the Magnum lineup
- Unique ability to produce high yields across multiple environments
- Exhibits high levels of resistance to most alfalfa diseases
- Highly digestible forage resulting in high RFQ scores
- Offers consistency in both yield and forage quality
- Resistance to Aphanomyces root rot race 2

## Agronomic Performance

Forage Yield	2
Forage Quality	2
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:	2.2
Root type:	Tap

## Multiple Pest Package

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

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

Competitor	Competitor	Magnum8	Harvest Years <sup>1</sup>	% Yield Advantage
N-R-GEE	6.07	6.64	3	9%
WL 354HQ	6.22	6.71	33	8%
L-449	6.38	6.83	15	7%
DKA 41-18RR	6.21	6.64	3	7%
Seedway 9558 SBR	6.26	6.64	3	6%
WL 319HQ	6.56	6.83	15	4%
Legendairy XHD	6.18	6.36	37	3%
L-455HD	3.34	3.41	4	2%
AmeriStand 427TQ	6.76	6.83	15	1%
Sureshot	8.12	8.11	6	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.



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## Agronomic Performance

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.

## Pest Resistance Ratings

% 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