

# AFX 579 ALFALFA



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## Agronomics

Yield rating:	5 or Best
Fall dormancy class:	FD 5
Winter hardiness class:	WS 2.5
Multifoliate leaf expression:	49%/Low MF
FastGrowth rating:	2.26/Very Fast
Salinity tolerance:	
Germination:	Tolerant

## Pest Package



### Diseases

Anthracnose	●				
Aphanomyces-Race 1	●				
Aphanomyces-Race 2		●			
Bacterial wilt	●				
Fusarium wilt	●				
Phytophthora root rot	●				
Verticillium wilt	●				

### Insects

Blue alfalfa aphid		●			
Cowpea aphid		●			
Pea aphid		●			
Spotted alfalfa aphid		●			

### Nematode Resistance

Northern rook knot		●			
Stem nematode	●				

## Performance

- For growers who aggressively manage and harvest their alfalfa acres to maximize dry matter yield per acre
- FastGrowth ability shaves 3 to 5 days off the time between harvests to maximize seasonal yield
- Carries a strong, multiple-pest package to protect fast-growing plants and aggressively managed acres

## Management

- Fast-growing variety for production areas that use fall dormancy 4 and 5 alfalfas, and when four or more cuts are expected each season
- Very early harvest maturity; reaches late bud or early flower 3 to 5 days ahead of most dormant alfalfas
- Very fast green-up after harvest and accelerated growth to harvest maturity

## Appearance at Harvest Maturity

- Tall and showy, with large leaves

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

Competitor	Competitor	AFX579	Harvest Years <sup>1</sup>	% Yield Advantage
WL 354HQ	5.82	6.49	20	11%
WL 319 HQ	6.28	6.89	13	10%
AmeriStand 427TQ	20.36	21.53	1	6%
Legendairy XHD	5.43	5.70	31	5%
Rebound 6XT	20.84	21.53	1	3%
L-455HD	4.05	4.17	12	3%
WL 365HQ	21.83	21.53	1	-1%

<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.

**Yield Rating Key:** 5 = Best; 3 = Average; 1 = Poor

**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.

**FastGrowth Ratings** are calculated by Alforex Seeds from weekly measurement of varieties grown side-by-side from green-up to harvest through the growing season. Expressed as average centimeters growth per day. >2.20 = Very Fast; >2.00 = Fast; >1.80 = Average; >1.60 = Slow; <1.60 = Very Slow

## 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



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