

AFX 457 ALFALFA



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Agronomics

Yield rating:	5 or Best
Fall dormancy class:	FD 4
Winter hardiness class:	WS 2
Multifoliate leaf expression:	76%/Moderate MF
FastGrowth rating:	1.84/Average
Salinity tolerance:	
Germination:	Tolerant
Forage production:	Tolerant

Performance

- Carries the complete package for high yield, persistence and forage quality when establishing and growing alfalfa on high EC fields or with high EC irrigation water
- Adapted to all areas of the Great Plains and Intermountain West, especially where salinity limits the production of dairy quality hay
- Aggressive seedling growth for rapid stand establishment with or without salinity

Management

- No yield drag if planted into non-saline soils
- Fits western production practices and geographies where fall dormancy 3, 4 or 5 alfalfas are grown
- Medium-early maturity to fit late-bud harvest systems to maximize the harvest for the area each season

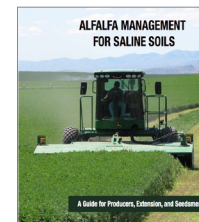
Appearance at Harvest Maturity

- Medium-tall plants with large, medium-green leaves

Head to Head Comparison Yield in DM Tons per Acre

Competitor	Competitor	AFX457	Harvest Years ¹	% Yield Advantage
DKA 40-51RR	6.81	7.17	1	5%
N-R-GEE	6.15	6.42	6	4%
DKA 44-16	7.00	7.17	1	2%
WL 363HQ	6.40	6.40	13	0%
AmeriStand 427TQ	20.36	20.19	1	-1%

¹ 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.



To learn more about alfalfa management for saline soils, visit www.alforexseeds.com for a 24-page guide for producers, extension agents and seedsmen

Pest Package



Diseases

Disease	HR	R	MR	LR	S
Anthrachnose	●				
Aphanomyces-Race 1	●				
Bacterial wilt	●				
Fusarium wilt	●				
Phytophthora root rot	●				
Verticillium wilt	●				

Insects

Insect	HR	R	MR	LR	S
Blue alfalfa aphid		●			
Cowpea aphid		●			
Pea aphid		●			
Spotted alfalfa aphid		●			

Nematode Resistance

Nematode	HR	R	MR	LR	S
Northern root knot		●			
Stem nematode		●			

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