



AFX 317

Alfalfa

SEEDS & SCIENCE



Description

- Fall Dormancy: 3.0**
- Winter Hardiness: 1.5**
- Disease Resistance Index: 35/35**
- StandFast FastGrowth Rating: 1.84**

AFX 317 is specially adapted for the Northern Great Plains and higher elevations of the Intermountain West, where salinity may restrict production. With excellent yield potential in both saline and non-saline soils, it is a versatile option for challenging environments.

Key Features

- Excellent yield
- Variety fits 2-4 cut system for hay, silage or grazing management
- Hi-Salt
- Excellent winterhardiness
- Medium-late harvest maturity



Hi-Salt® alfalfa varieties were developed for high saline areas in North America, as higher salt concentrations in the soil can lead to seedling loss. Through focused breeding, these varieties are able to reduce the impact of salinity by 2.0 to 3.0 EC (electrical conductivity) points. This cutting-edge technology allows growers to plant alfalfa in areas previously considered unsuitable.

Additional Specs

General Characteristics

Segment	Forage
Species	Alfalfa
Sci. Name	Medicago sativa

Plant Characteristics

Stem Thickness	Medium
Multifoliate (MF) Leaf Expression Frequency	Very High >76%
Cutting System	2-4
Emergence (Days)	7
Growth Habit, Spring	Erect

Root Characteristics

Root Type	Tap
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Seeding Information

Approx. Seeds/Lb.	227000
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Pest and Disease Resistance

Bacterial Wilt	Highly Resistant
Fusarium Wilt	Highly Resistant
Verticillium Wilt	Highly Resistant
Anthracnose (Race 1)	Highly Resistant
Anthracnose (Race 5)	Not Tested
Phytophthora Root Rot	Highly Resistant
Aphanomyces Root Rot (Race 1)	Highly Resistant
Aphanomyces Root Rot (Race 2)	Highly Resistant

Seeding Rate - Alone/New (Lbs./Acre)	15-20
Seeding Rate - Mixes (Lbs./Acre)	8-10

Aphanomyces Root Rot (Enhanced)	Not Tested
Pea Aphid	Highly Resistant
Blue Alfalfa Aphid	Not Tested
Cowpea Aphid	Not Tested
Spotted Alfalfa Aphid	Not Tested
Potato Leafhopper	Not Tested
Stem Nematode	Resistant
Northern Root Knot Nematode	Not Tested

Data & Charts

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

StandFast FastGrowth ratings are calculated from weekly measurements of varieties grown side-by-side from green-up to harvest through the growing season. Expressed as average centimeters of growth per day.

Average cm / day	Growth Rating
> 2.20	Very Fast
> 2.00	Fast
> 1.80	Average
> 1.60	Slow
< 1.60	Very Slow

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