



AFX 670

Alfalfa

SEEDS & SCIENCE



Description

Fall Dormancy: 6.0

Winter Survival: TBD

Disease Rating Index: 25/25

StandFast FastGrowth Rating: TBD

AFX 670 Hi-Gest Alfalfa is a premium variety designed for high yield potential, leveraging Hi-Gest Alfalfa Technology suitable for regions with fall dormancy ratings of 4-5. It boasts improved fiber digestibility and superior animal performance compared to other alfalfa varieties. This adaptable alfalfa variety thrives in aggressive high-quality production systems as well as more relaxed high-yield practices, with no known limitations on soil type.

Key Features

- Very high forage yield
- Hi-Gest® Alfalfa Technology
- Multifoliate Leaf Expression
- Improved yield with enhanced fiber digestibility
- Hi-Salt Alfalfa Technology



Hi-Gest® alfalfa is conventionally bred for enhanced fiber digestibility and forage quality, resulting in improved animal intake and increased milk or meat production. The elite genetics include a high leaf-to-stem ratio, more crude protein, and added flexibility on the farm as growers can choose to delay harvest and increase yield potential without sacrificing quality.



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 mitigate the effects by reducing 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	High < 76%
Cutting System	5-7
Emergence (Days)	7
Growth Habit, Spring	Erect

Root Characteristics

Plant Characteristics

Stem Thickness	Medium
Multifoliate (MF) Leaf Expression Frequency	High < 76%
Cutting System	5-7
Emergence (Days)	7
Growth Habit, Spring	Erect

Pest and Disease Resistance

Bacterial Wilt	Highly Resistant
Fusarium Wilt	Highly Resistant
Verticillium Wilt	Highly Resistant
Anthracnose (Race 1)	Highly Resistant

Root Type Tap

Seeding Information

Approx. Seeds/Lb.	227000
Seeding Rate - Alone/New (Lbs./Acre)	18-25
Seeding Rate - Mixes (Lbs./Acre)	15-20

Anthracnose (Race 5)	Not Tested
Phytophthora Root Rot	Highly Resistant
Aphanomyces Root Rot (Race 1)	Not Tested
Aphanomyces Root Rot (Race 2)	Not Tested
Aphanomyces Root Rot (Enhanced)	Not Tested
Pea Aphid	Highly Resistant
Blue Alfalfa Aphid	Not Tested
Cowpea Aphid	Highly Resistant
Spotted Alfalfa Aphid	Not Tested
Potato Leafhopper	Not Tested
Stem Nematode	Resistant
Northern Root Knot Nematode	Highly Resistant

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

us.dlf.com