

Alfalfa



Description

Fall Dormancy: 4.5

Winter Survival: 1.0

Disease Rating Index: 33/35

StandFast FastGrowth Rating: 1.98

AFX 470 Hi-Gest Alfalfa is designed to have improved fiber digestibility, excellent disease resistance and superior winter survival. It provides harvest flexibility with a 5-8% higher leaf to stem ratio and higher crude protein than other conventional bred varieties allowing producer to harvest at normal cutting schedule for higher quality or delay harvest up to 7 days to increase potential yield.

Key Features

- Hi-Gest® Alfalfa Technology
- Replaces AFX 460 with an improved disease package
- Excellent winter survival
- Harvest flexibility
- High leaf to stem ratio



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-Ton® alfalfa varieties offer high yield, disease resistance, and pest resistance for growers who want to push their alfalfa acres to maximize seasonal dry matter. These varieties ensure faster growth and recovery after harvest by accelerating green-up by 3 to 5 days, leading to more cuts per season and increased yield potential.

Additional Specs

Segment	Forage	Bacterial Wilt	Highly Resistant
Species	Alfalfa	Fusarium Wilt	Highly Resistant
Sci. Name	Medicago sativa	Verticillium Wilt	Highly Resistant
Cutting System	3-5	Anthraco nose (Race 1)	Highly Resistant
Emergence (Days)	7	Anthraco nose (Race 5)	Not Tested
Root Type	Tap	Aphanomyces Root Rot (Race 1)	Highly Resistant
Aphanomyces Root Rot (Race 2)	Highly Resistant	Aphanomyces Root Rot (Enhanced)	Not Tested
Blue Alfalfa Aphid	Not Tested	Cowpea Aphid	Not Tested
Pea Aphid	Not Tested	Multifoliolate (MF) Leaf Expression Frequency	Very High >78%
Spotted Alfalfa Aphid	Not Tested	Stem Nematode	Resistant
Potato Leafhopper	Not Tested	Northern Root Knot Nematode	Not Tested
Approx. Seeds/Lb.	227000	Phytophthora Root Rot	Highly Resistant
Seeding Rate - Alone/New (Lbs./Acre)	18-25	Seeding Rate - Mixes (Lbs./Acre)	15-20

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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