



X-Force 5400

SEEDS & SCIENCE

Alfalfa



Description

Fall Dormancy: 4.0

Winter Survival: 1.8

Disease Rating Index: 35/35

StandFast FastGrowth Rating: 2.04

X-FORCE 5400 Alfalfa is a cutting-edge variety specifically bred for exceptional yields and impressive forage quality when managed aggressively. Additionally, it boasts superior winter survival and consistent performance even in challenging climates.

Key Features

- Race horse variety with exceptional yield
- Very good forage quality when managed aggressively
- Excellent 35/35 disease package
- Performs exceptionally well over a wide range of environments
- Superior winter survival



X-Force® is a new generation of alfalfa varieties that harness the latest technologies to achieve extremely high yields, disease & pest resistance and performance over a wide range of environments.

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	Anthracoze (Race 1)	Highly Resistant
Emergence (Days)	7	Anthracoze (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
Growth Habit, Spring	Semi-Erect	Blue Alfalfa Aphid	Not Tested
Cowpea Aphid	Not Tested	Stem Thickness	Medium
Pea Aphid	Resistant	Multifoliolate (MF) Leaf Expression Frequency	Low > 38%
Spotted Alfalfa Aphid	Not Tested	Stem Nematode	Moderately Resistant
Potato Leafhopper	Not Tested	Approx. Seeds/Kg.	500000
Approx. Seeds/Lb.	227000	Phytophthora Root Rot	Highly Resistant
Seeding Rate - Alone/New (Kg./Hectare)	17-23	Seeding Rate - Alone/New (Lbs./Acre)	18-25
Seeding Rate - Mixes (Kg./Hectare)	7-15	Seeding Rate - Mixes (Lbs./Acre)	8-12

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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