X-Force 5400

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
- Has high resistance to Aphanomyces Race 2

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	**Anthracnose (Race 1)**	Highly Resistant
Emergence (Days)	7	**Anthracnose (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	**Multifoliate (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	**Phytopthora 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

% Resistant Plants	Resistance Class	Class Abbreviation
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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