



X-Force 5420-Wet

SEEDS & SCIENCE

Alfalfa

Description

Fall Dormancy: 4.0

Winter Survival: 1.5

Disease Rating Index: 35/35

StandFast FastGrowth Rating: 1.86

X-FORCE 5420 Alfalfa is a branch root product ideal for wet and challenging soils. It has excellent winter survival and the ability to modify the root structure to match soil conditions.

Key Features

- Very good yield potential
- 3% higher yield than HybriForce 4420-Wet
- Ideal for wet and challenging soils
- Exhibits the ability to modify the root structure to match soil conditions
- Excellent 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	Anthrachnose (Race 1)	Highly Resistant
Emergence (Days)	7	Anthrachnose (Race 5)	Not Tested
Root Type	Creeping	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	Low > 49%
Spotted Alfalfa Aphid	Not Tested	Stem Nematode	Resistant
Potato Leafhopper	Not Tested	Approx. Seeds/Kg.	500000
Northern Root Knot Nematode	Not Tested	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

% Resistant Plants	Resistance Class	Class Abbreviation
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