



X-Force 5420-Wet

Alfalfa

SEEDS & SCIENCE



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

General Characteristics

Segment	Forage
Species	Alfalfa
Sci. Name	Medicago sativa

Plant Characteristics

Multifoliate (MF) Leaf Expression Frequency	Low > 49%
Cutting System	3-5
Emergence (Days)	7

Root Characteristics

Root Type	Creeping
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Seeding Information

Approx. Seeds/Lb.	227000
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Plant Characteristics

Multifoliate (MF) Leaf Expression Frequency	Low > 49%
Cutting System	3-5
Emergence (Days)	7

Pest and Disease Resistance

Bacterial Wilt	Highly Resistant
Fusarium Wilt	Highly Resistant
Verticillium Wilt	Highly Resistant
Anthracnose (Race 1)	Highly Resistant
Anthracnose (Race 5)	Not Tested
Phytophthora Root Rot	Highly Resistant
Aphanomyces Root Rot (Race 1)	Highly Resistant
Aphanomyces Root Rot (Race 2)	Highly Resistant

Approx. Seeds/Kg.	500000	Aphanomyces Root Rot (Enhanced)	Not Tested
Seeding Rate - Alone/New (Kg./Hectare)	17-23	Pea Aphid	Not Tested
Seeding Rate - Alone/New (Lbs./Acre)	18-25	Blue Alfalfa Aphid	Not Tested
Seeding Rate - Mixes (Kg./Hectare)	7-15	Cowpea Aphid	Not Tested
Seeding Rate - Mixes (Lbs./Acre)	8-12	Spotted Alfalfa Aphid	Not Tested
		Potato Leafhopper	Not Tested
		Stem Nematode	Resistant
		Northern Root Knot Nematode	Not Tested

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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