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alforexseeds.com

Hi-Gest[®] Low Lignin

ALFALFA TECHNOLOGY

Patents Pending

Hi-Gest[®] 360 ALFALFA Low Lignin Technology

Agronomics

Yield rating:	5
Fall dormancy class:	FD 3
Winter hardiness class:	WS 1.5
Multifoliate leaf expression:	73%/Moderate MF
FastGrowth rating:	1.83/Average

Pest Package

HR	R	MR	LR	S
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Diseases

Anthracnose	●				
Aphanomyces-Race 1	●				
Aphanomyces-Race 2	●				
Bacterial wilt	●				
Fusarium wilt	●				
Phytophthora root rot	●				
Verticillium wilt	●				

Insects

Blue alfalfa aphid	●				
Cowpea aphid	●				

Nematode Resistance

Stem nematode	●				
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Performance

- First commercially available low lignin alfalfa variety for dormant producers. Variety Patents Pending
- Whole plant lignin for Hi-Gest 360 is 7 to 10% lower than other dormant varieties for improved performance
- Higher leaf to stem ratio and 5-8% more leaves
- Product of conventional plant breeding
- No yield drag, no loss of pest resistance, no reduction in winter hardiness with 28 to 30 day harvest schedules

Management

- Adapted to today's best alfalfa management practices. No on-farm field or management adjustments needed to grow or feed
- Hi-Gest 360 alfalfa offers a wider harvest window of up to 7 days if harvest timing is delayed past late bud or one-tenth flower
- Rations using Hi-Gest can be easily balanced by nutritionists with the results of an accurate feed test

Appearance at Harvest Maturity

- Plants are medium-tall, with a dense canopy of stems and leaves

To learn more about low lignin alfalfa, visit www.alforexseeds.com/agronomy/low-lignin-alfalfa/ for access to the Hi-Gest Overview, a 12 page guide for producers, extension agents and seedsmen.



Yield Rating Key: 5 = Best; 3 = Average; 1 = Poor

Agronomic Yield Ratings are based on average performance between Alforex varieties. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

Low lignin ratings are measured and calculated by proprietary Alforex Seed protocols.

FastGrowth ratings are calculated by Alforex Seeds from weekly measurement of varieties grown side-by-side from green-up to harvest through the growing season. Expressed as average centimeters growth per day. >2.20 = Very Fast; >2.00 = Fast; >1.80 = Average; >1.60 = Slow; <1.60 = Very Slow

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