



# Hi-Gest<sup>®</sup>360

## The First Low Lignin Dormant Alfalfa on the Market

A product of conventional plant breeding and maintains the yield, persistence and multiple pest resistance package of today's elite commercial varieties.

### Agronomics

- Hi-Gest 360 is a fall dormancy 3 variety and has a 1.5 winter survival rating.
- Highly resistant to Anthracnose, Aphanomyces root rot races 1 and 2, Bacterial wilt, Fusarium wilt, Phytophthora root rot and Verticillium wilt.
- At harvest maturity, expect a medium tall variety with a dense canopy of fine stems and large leaves with a high leaf to stem ratio.

### Performance

- The whole plant lignin of Hi-Gest 360 will be 7-10% lower than non-selected elite commercial varieties. Actual on-farm reduction will be dependent on harvest management and the comparison variety.
- The chart below illustrates Hi-Gest 360's yield, improved forage quality and management flexibility versus competitive varieties.

### Management Options

- Hi-Gest 360 is adapted all across the US where fall dormancy 2 to 5 varieties are normally grown.
- Adapted to today's best management practices as illustrated in the chart at the left. On-farm management adjustments aren't required to produce or feed Hi-Gest 360. Rations can be easily balanced with low lignin forage with the results of an accurate feed test.
- Hi-Gest 360 offers a wider harvest window of up to 7 days if harvest is delayed past late bud or one-tenth bloom. This harvest flexibility allows growers to work around weather or manage each crop for maximum yield or quality.
- Variety patent pending.

### ~28 Day versus ~35 Day Cutting Management Trial

Brand	Variety	2014 Total Yield (T/A)	% Lignin*	Hi-Gest 360 Advantage	Total 2014 Milk/Acre (Lbs)	Hi-Gest 360 Advantage
<b>~28 Day Cutting Schedule</b>						
Alforex Seeds	Hi-Gest 360	9.88	5.30		33,490.0	
	3-Check Average**	9.50	5.83	+10.0%	31,200.8	+6.8%
	<b>Trial Mean</b>	<b>9.55</b>	<b>5.77</b>	<b>+8.9%</b>	<b>31,526.4</b>	<b>+6.2%</b>
<b>~35 Day Cutting Schedule</b>						
Alforex Seeds	Hi-Gest 360	8.65	7.23		24,770.7	
	3-Check Average**	8.34	7.73	+8.4	23,186.5	+5.0%
	<b>Trial Mean</b>	<b>8.43</b>	<b>7.56</b>	<b>+4.6%</b>	<b>23,814.4</b>	<b>+4.0%</b>

Planted: June 14, 2013 at West Salem, WI

Harvest Schedule: ~28 Days, May 23, 2014, June 24, 2014, July 17, 2014, and August 12, 2014

~35 Days, June 3, 2014, July 8, 2014, and August 12, 2014

\*% Lignin = Percent Acid Detergent Lignin (ADL)

\*\*Check Varieties = Pioneer 55V12, WL Research WL319 HQ, and Alforex Seeds PGI 557



Alfalfa and Forage Excellence

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