



PGI 215 ALFALFA

Proven Genetic Innovation



Flexible Harvest Management

- ✓ Superior winter survival for harsh environments
- ✓ Maximizes yield under 2-5 cut harvest systems
- ✓ TreadGuard protects yield under wheel traffic

Management Profile

- Top performance versus today's nationally advertised brands under 2- 3- or 4-cut harvest systems.
- A high quality variety adapted to geographies where fall dormancy 2 and 3 alfalfas are normally recommended for longer rotations.
- Direct Seeding – aggressive establishment vigor.
- Fits high performance long rotations.
- Stable yield performance into the later years of stand life.
- Medium maturity versus other fall dormancy 2 varieties. Has demonstrated wide harvest window that holds forage quality at advanced maturity.
- Fits aggressive cutting schedules for the geography and maximizes yield and milk per acre for the growing season.

Harvest System	Tons/ Acre	Lbs. Milk/ Ton Fed	Lbs. Milk/ Acre
3-Cuts	5.6	2,924	16,412
4-Cuts	8.2	2,986	24,434

- Wide harvest window if harvest is delayed.
- Wheel traffic – performed very well during evaluation under severe conditions and carries the TreadGuard logo.
- Similar recovery rate after harvest as most conventional fall dormancy 3 and 4 varieties.
- Performs well in mixtures with cool season grasses and other legumes for hay or grazing.
- No known soil or management limitations.



The Alfalfa and Forage Seed Leader

PGI 215 Alfalfa

Performance for the Way You Farm

- Outstanding head to head yield performance versus widely grown competitive alfalfas.

Brand	Variety	PGI 215 Percent Yield Advantage									
Public	Vernal	27%									
America's Alfalfas	Ameristand 403T	5%									
Pioneer	54H11	4%									
Pioneer	55V12	3%									
Dairyland	HybriForce 400	3%									
Pioneer	54V54	2%									
WL Research	WL 319 HQ	1%									
America's Alfalfas	Ameristand 407QT	-1%									
Syngenta	Genoa	-1%									
WL Research	WL 357 HQ	-2%									

Field Appearance at Harvest Maturity

- Uniform, eye appealing, dense growth habit.
- Medium-dark green foliage.

Key Agronomic Characteristics

Fall Dormancy	2
Winter Hardiness Index	1.5
Multifoliate Leaf Expression	63%
Wisconsin Disease Rating Index	29 of 30

Pest Package

		S	LR	MR	R	HR
Disease Ratings	Anthraxnose					
	Aphanomyces Race 1					
	Bacterial Wilt					
	Fusarium Wilt					
	Phytophthora					
	Verticillium Wilt					
Insect Ratings	Pea Aphid					
	Spotted Alfalfa Aphid					

Ratings are based on average performance of the variety over a wide range of climate and soil types. 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.

Fall Dormancy: The reaction of alfalfa varieties to decreasing day length and temperatures in the fall versus check varieties. FD 1 Norseman, FD 2 Vernal, FD 3 Ranger, FD 4 Saranac, FD 5 Archer, etc.

Pest Resistance Ratings: S = Susceptible with 0-5% resistant plants; LR = Low Resistance with 6-14% resistant plants; MR = Moderate Resistance with 15-30% resistant plants, R = Resistance with 31-50% resistant plants; and HR = High Resistance with greater than 50% resistant plants.

Wisconsin Disease Rating Index: For the six major diseases of alfalfa, a variety is awarded 5 points for each HR, 4 points for each R, 3 points for each MR, 2 points for each LR and 1 point for each S. A perfect score is 30 of 30.

Winter Hardiness Index: 1 = most hardy and least winter injury, 6 = least hardy and injury resulting in plant death. Ratings are in relationship to the winter injury incurred by standard check varieties.



Alfalfa varieties react differently to wheel traffic. Some can handle it and many don't. It's a bred-in ability that can be measured and rated. In six management trials with abusive traffic, PGI 215 Alfalfa demonstrated a 2.0% advantage over the mean average yield of 23 elite commercial and experimental alfalfas. The average yield advantage was 16.4% versus the lowest yielding variety in each of the six trials.

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