



BULLSEYE Alfalfa

High Yields and Salt Tolerance

- ✓ Excellent Stem Nematode Resistance
- ✓ Excellent Columbia Root Knot Resistance
- ✓ Excellent Salt Tolerance



Management Profile

- Top yield performance in Idaho trials, out yielding varieties like WL 325 HQ, WL 322 HQ, Hybri-Force 400, PIO 54V54, PIO 5312, Magna V, Renegade, and Tango.
- Parent stock was specially selected to meet the demands of Alfalfa growers in areas where a fall dormancy 4 is suitable.
- Selected for yield and persistence. Its persistence is excellent under both normal and aggressive harvest schedules.
- Especially well suited to areas where Nematodes threaten yield production and reduce stand life.
- Offers producers broad-spectrum pest resistance and excellent persistence, this high yielding variety will keep producing quality hay for many years.
- New data has shown excellent salt tolerance.
- Dark green foliage and medium-fine stems that makes it ideal for hay.

Broad Spectrum Pest Resistance

- BULLSEYE offers producers broad-spectrum pest resistance and excellent persistence.
- Resists Phytophthora and Verticillium wilt which can significantly reduce production and stand life.
- Resistance to Fusarium wilt, Anthracnose, and moderate resistance to all major aphids.



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Key Agronomic Characteristics

Fall Dormancy	4
Winter Hardiness Index	2.1
Wisconsin Disease Rating Index	28 of 30

Pest Package

		S	LR	MR	R	HR
Disease Ratings	Anthraxnose					
	Aphanomyces Race 1					
	Bacterial Wilt					
	Fusarium Wilt					
	Phytophthora Root Rot					
	Verticillium Wilt					
Insect Ratings	Pea Aphid					
	Spotted Alfalfa Aphid					
	Blue Alfalfa Aphid					
Nematode Ratings	Northern Root Knot					
	Columbia Root Knot					
	Stem					
Soil Condition	Salt					

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.



Nematodes

- Nematodes reduce yield and thin stands. Symptoms include seedling death, stunting and thinned stands. Thinning due to Nematode damage usually appears in circular areas. Producers with irrigated production or lighter porous soils will benefit from BULLSEYE's protection from Nematodes.
- BULLSEYE has resistance to the major nematodes that affect alfalfa and potato fields (Northern Root Knot Nematode).
- High Resistance to Columbia Root Knot Nematode

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