



RUCCUS Alfalfa

High Yields and Broad Disease Protection

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



Management Profile

- Parent stock was specially selected to meet the demands of Alfalfa growers in areas where a fall dormancy 5 is suitable.
- Selected for yield and persistence. Persistence is excellent under both normal and aggressive harvest schedules.
- Especially well suited to areas where Verticillium Wilt, Phytophthora Root Rot and Nematodes threaten yield production and reduce stand life.
- Offers producers broad-spectrum pest resistance an excellent persistence, this high yielding variety will keep producing quality hay for many years.
- Dark green foliage that makes it ideal for hay.
- Bred for improved salt tolerance.

Broad Spectrum Pest Resistance

- RUCCUS offers producers broad-spectrum pest resistance and excellent persistence.
- Resists Phytophthora Root Rot and Verticillium wilt which can significantly reduce production and stand life.
- Resistance to Fusarium wilt, Anthracnose, Stem Nematode, Columbia Root Knot Nematode, Spotted Alfalfa Aphid and Pea Aphid.



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Key Agronomic Characteristics

Fall Dormancy	5
Winter Hardiness Index	4.1
Wisconsin Disease Rating Index	24 of 30

Pest Package

		S	LR	MR	R	HR
Disease Ratings	Anthracnose					
	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					
	Stunt					

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.
- Ruccus has moderate 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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