tonia solani Kuhn). Pure-Seed 2EE was the experimental designation of Cowboy. The first foundation seed was produced in western Oregon in 1983. Certified seed was first available in quantity following the 1984 harvest.

Cowboy is very early maturing turf type perennial ryegrass with a heading date 7 days earlier than 'Pennfine'. This early maturity improves the seed yield potential of Cowboy perennial ryegrass. It is capable of producing an attractive, persistent, medium dense, medium low-growing turf with a bright dark-green color and medium-fine texture. Cowboy has excellent seedling vigor, good wear tolerance, and a wide range of adaptation to various soils. It shows an improvement in resistance to stem rust, many races of crown rust, net blotch, brown patch, and the red thread disease [caused by Laetisaria fuciformis (McAlpine) Burdsall]. Cowboy is recommended for winter overseeding of dormant warm-season turfs in the southern USA. It is also useful for lawns, sports fields, parks, playgrounds, industrial sites, golf course tees, fairways, and cart paths in areas where the turf-type perennial ryegrass cultivars are well adapted. It is frequently blended with other improved turf-type perennial ryegrass cultivars or mixed with a blend of adapted Kentucky bluegrass (Poa pratensis L.) or strong creeping red fescue (Festuca rubra L. subsp. rubra).

Breeder seed of Cowboy is produced by Pure-Seed Testing. Propagation is limited to two generations from breeder seed, one generation each of foundation and certified.

United States Plant Variety Protection Certificate no. 8400127 has been issued for Cowboy perennial ryegrass.

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References and Notes

1. President and research director, Pure-Seed Testing, P.O. Box 449, Hubbard, OR 97032; plant breeder, Pure-Seed Testing; vice president and director of agronomy and research, Lofts Seed, P.O. Box 146, Bound Brook, NJ, 08805; and professor, Soils and Crops Dep., New Jersey Agric. Exp. Stn. Publication no. D-15166-1-87, New Jersey Agric. Exp. Stn., Cook College, Rutgers Univ., New Brunswick, NJ 08903. Some of this work was conducted as part of New Jersey Agric. Exp. Stn. project no. 15166, supported by New Jersey Agric. Exp. Stn. funds, other grants, and gifts. Additional support was received from the U.S. Golf Assoc. Green Section Res. and Education Fund. Registration by the Crop Sci. Soc. of Am. Accepted 30 Mar. 1987.

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REGISTRATION OF 'FLORALTA' LIMPOGRASS


References and Notes