

**REGISTRATION OF CITATION PERENNIAL RYEGRASS**

(Reg. No. 46)

R. H. Bailey, B. L. Rose, C. R. Funk, and W. A. Meyer

CITATION perennial ryegrass (*Lolium perenne* L.) is a three-clad synthetic developed by Turf-Seed, Inc., from germplasm collected by the New Jersey Agricultural Experiment Station. The parent clones were selected from old turf areas in New Jersey and Maryland. The first certified seed of this cultivar was harvested in 1974. Turf-Seed Syn J was the experimental designation for Citation.

Citation is a leafy, moderately persistent, turf-type cultivar which produces a dark green turf of finer texture, greater density, and a slower rate of vertical growth than many other perennial ryegrass cultivars. Like other ryegrasses, Citation performs best in a cool, moist maritime climate or during the cool, moist seasons of spring and fall. However, Citation has shown better tolerance of summer heat and better resistance to brown patch (*Rhizoctonia solani* Kuhn) than other rye grasses. Citation is moderately winterhardy. Citation is easy to establish and will grow on a wide range of soil types, including many of the sandy coastal plain soils where Kentucky bluegrass is not well adapted.

Citation is easier to mow than common perennial ryegrass and many of the new improved cultivars of this species. This cultivar has performed better than most other ryegrasses when used for overseeding of dormant bermudagrass in the southern U.S. None of the parental clones of Citation carry the factor for fluorescent seedlings. Any fluorescent seedling detected within the cultivar is an indication of contamination. Seed propagation is limited to two generations of increase from breeder seed — one each of foundation and certified.

Breeder seed is maintained by Turf-Seed, Inc., with the cooperation of the New Jersey Experiment Station. United States Plant Variety Protection Certificate No. 7500003 has been issued for Citation.

**REGISTRATION OF GOVAN SOYBEANS**

(Reg. No. 117)

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'Govan' soybean (*Glycine max* [L.] Merr.) originated as an F₃ line selected from the cross 'Bragg' × 'Sennes'. Govan was developed in a cooperative program of AR-SEA-USDA and the Delta Branch Mississippi Agric. Forestry Exp. Stn. It was tested in the cooperative southern regional program. Govan was identified as D66-8066 before release. It is classified as Group VII maturity.

Govan has white flowers, gray pubescence, tan pods, yellow seedcoats, and imperfect black hills. It is resistant to the two-root-knot nematodes (*Meloidogyne incognita* (Kofoid & White) and *M. arenaria*). It is resistant to physiothophora rot (*Phytophthora megasperma* Drechs. var. *sojae* Hildebrand), Races 1, 2, and 3, and to the foliar diseases bacterial pustule (*Xanthomonas phaseoli* (Smith) Dowson var. *soyensis* (Hedges) Starr &