Producing an attractive, dense, moderately low growing, fine-textured turf of a bright, medium dark green color. It is a medium late flowering cultivar in seed production. Blazer is easy to establish, having rapid germination, excellent seedling vigor, and the ability to grow on a wide range of soil types. It performs well under different light intensities ranging from full sun to moderate shade. Blazer has excellent wear tolerance in areas where it is well-adapted. It has demonstrated good winter hardiness and improved summer performance in New Jersey tests. However, a blend of adapted Kentucky bluegrasses (Poa pratensis L.) should be mixed with Blazer to enhance summer and winter performance in areas with more severe continental climates. Blazer has shown good resistance to the large brown patch disease incited by Rhizoctonia solani Kuhn and the winter brown blight disease incited by Drechslera spp. It has moderate resistance to crown rust caused by Puccinia coronata Corda. Blazer is recommended for use on athletic fields, parks, home lawns, industrial sites, golf course cart paths, tees and fairways, and school grounds. It also performs well for the winter overseeding of dormant warm season turfgrasses in the southern U.S.

Breeder seed is produced by Pickseed West, Inc., P. O. Box 888, Tangent, OR 97389, with the cooperation of the New Jersey Agric. Exp. Stn. Propagation of seed is limited to two generations of increase from breeder seed, one generation each of foundation and certified.

Blazer is licensed in Canada (License No. 1986). U.S. Plant Variety Protection Certificate No. 7900050 has been granted for Blazer.

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REGISTRATION OF CP 73-351
(Reg. No. 58)

R. D. Breaux, H. P. Fanguy, and D. G. Garrison

‘CP 73-351’ sugarcane, is an interspecific cross, Charum officinarum L., S. spontaneum L., and was selected from the cross ‘CP 65-357 × Wayne’ made in 1970 at Canal Point, FL. CP 73-351 was developed through cooperative research of ARS-USDA, the Louisiana Agric. Exp. Stn., and the American Sugar Cane League.

CP 73-351 is recommended for culture in Louisiana sugarcane area. In 63 replicated trials it yielded significantly more cane tonnage/ha crops than CP 65-357, the leading commercial cultivar. On heavy soils, it was equal to CP 65-357 in yield of sugar but superior in ratoon cane. On heavy soils, yields were equal to CP 65-357. CP 73-351, being moderately resistant to bacterial pustule caused by Xanthomonas campestris Dowson var. sojensis (Hedges) Starr and C. R. Cremeens

REGISTRATION OF UNION SOYBEAN
(Reg. No. 158)

R. L. Bernard and C. R. Cremeens

‘Union’ soybean [Glycine max (L.) Merr.] was a parental line of the high yielding line Madison [Union (Wayne × L11) × (Wayne × L11)] × (Wayne × L11)]. Union is a selection from (Clark × T201) × (Clark × T201) released by Pickseed West, Inc. in 1977 in Louisiana as a selection from (Clark × L111) × (Wayne × L11). The variety was released with the name Union in 1975 in Louisiana as a selection from (Clark × L111) × (Wayne × L11) and was developed by the Louisiana Agric. Exp. Stn. in cooperation with four state departments.

Union has white flowers, erect brown pods, maturity, shiny yellow seed coat, and blanched to the known U. S. races of the downy-mildew-inciting organism, and to races 1 and 2 of the phytophthora-rot-inciting organism. Blazer has shown good resistance to races 1 and 2 of the phytophthora-rot-inciting organism.

In the regional tests Union averaged 2.0 cm taller and 10 cm taller in mature plant height than CP 65-357. It is a high population variety and is expected to give better yields than CP 65-357, the leading commercial cultivar. On light soils, it was equal to CP 65-357 in yield of sugar per ha in plant cane crops than CP 65-357.

In 1977 cooperative research of ARS-USDA, the four state experiment stations. The Illinois Agric. Exp. Stn. is responsible for the establishment and maintenance of breeder seeds.

The variety is resistant to sugarcane mosaic and susceptible to sugarcane smut (caused by U. S. races of the downy-mildew-inciting organism, and to races 1 and 2 of the phytophthora-rot-inciting organism. Blazer has shown good resistance to races 1 and 2 of the phytophthora-rot-inciting organism. Blazer has shown good resistance to races 1 and 2 of the phytophthora-rot-inciting organism.