Jeff was developed using a modified backcross method to transfer resistance to SCN races 1, 3, and 4 to plant cultivars of group VI maturity. It is derived from an F1 hybrid between Centennial (race 4) and a second line resistant to SCN races 1, 3, and 4. The second line is a synthetic derived primarily from 'Manhattan' Pennfine and Citation germplasm. Progeny from intercrosses of these plants were screened for seedling resistance to crown rust and established in spaced-plant nurseries. Polycross progenies of clones selected from these nurseries were seeded in closed mowed turf trials maintained at two fertility levels. Tillers were subsequently selected from the highest rated turf plots and transferred to spaced-plant nurseries. The 81 parental clones of Belle were selected from these nurseries and transplanted to an isolated seed production block immediately prior to anthesis.

Belle is a leafy, persistent, turf-type cultivar capable of producing an attractive, dense, decumbent, fine-textured turf of a moderately dark green color. This cultivar has the rapid germination, ease of establishment, good cool-season wear tolerance, and wide range of adaptation to diverse soil types that is characteristic of most of the better turf-type ryegrasses. Belle has moderately good cold hardiness, establishment, good cool-season wear tolerance, and wide range of dark green color. This cultivar has the rapid germination, ease of establishment, good cool-season wear tolerance, and wide range of adaptation to diverse soil types that is characteristic of most of the better turf-type ryegrasses.

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REGISTRATION OF JEFF SOYBEAN

C. E. Caviness, R. D. Riggs, and H. J. Walters

JEFF soybean [Glycine max (L.) Merr.] was developed by the Arkansas Agricultural Experiment Station. It is a productive cultivar of Group VI maturity that was developed for production in areas that normally produce a poor soybean crop, such as the lower Mississippi Valley. JEFF is a productive cultivar of Group VI maturity that was developed for production in areas that normally produce a poor soybean crop, such as the lower Mississippi Valley.

REGISTRATION OF DOUGLAS SOYBEAN

C. D. Nickell, F. W. Schwenk, and W. T. Wunder

'Douglas' soybeans [Glycine max (L.) Merr.] were selected from the cross of 'Williams' x 'Columbus'. The population from which 'Douglas' was advanced by bulk to the F1 generation in 1975, and released in 1978. The first release was identified as K1033 in the Uniform Soybean Test Series, New Jersey Agric. Exp. Stn., and distributed to the states participating in the test. 'Douglas' was identified as K1033 in the Uniform Soybean Test Series, New Jersey Agric. Exp. Stn., and distributed to the states participating in the test.