REGISTRATION OF CROP CULTIVARS

T. M. STARLING, C. W. ROANE, and H. M. CAMPER, JR. (1)

REGISTRATION OF 'P-104' KENTUCKY BLUEGRASS

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Warren's A-25 has good resistance to the leaf spot and melting-out disease [caused by Ustilago striiformis (Westerw.) Niesel.] Warren's A-25 is highly sexual and is reported to have 37 ± 1 somatic chromosomes (1). Anheuser Dwarf bluegrass (United States Plant Patent 3135) was released in July 1980 by Princeton Turf Nurseries. It was developed by Princeton Turf Nurseries using germplasm obtained from the New Jersey Agricultural Experiment Station in July 1974. Lofts Seed has worldwide marketing rights to this cultivar. P-104 originated as a single, highly apomictic plant selected from the progeny of the cross Warren's A-25 X Anheuser Dwarf Kentucky bluegrass (United States Plant Patent 3643). The first certified seed was produced in northern grounds in most regions where Kentucky bluegrass is well adapted. It grows well in varying light intensities ranging from full sun to moderate shade. P-104 will normally be persistent, dense, leafy, exceptionally aggressive, and stiff, wide leaves. P-104 has excellent resistance to the leaf spot and melting-out disease, stripe smut, and leaf rust (in-duced as a single, highly apomictic plant selected from an old turf located on a golf course in Chicago, IL. P-104 is a vigorous, very aggressive, medium green color and good turf performer. A-25 has good resistance to the leaf spot and melting-out disease [caused by Drechslera poae (Baudyss.) Niesel.] Warren's A-25 is highly sexual and is reported to have 37 ± 1 somatic chromosomes (1). Anheuser Dwarf bluegrass (United States Plant Patent 3135) was released in July 1980 by Princeton Turf Nurseries. It was developed by Princeton Turf Nurseries using germplasm obtained from the New Jersey Agricultural Experiment Station in July 1974. Lofts Seed has worldwide marketing rights to this cultivar. P-104 originated as a single, highly apomictic plant selected from an old turf located on a golf course in Chicago, IL. P-104 is a vigorous, very aggressive, medium green color and good turf performer.

Breeder seed will be maintained by the Agronomy Department, Virginia Polytechnic Institute and State University, Blacksburg, VA 24061. Foundation seed will be produced and distributed by Virginia Crop Improvement Association Foundation Seed Farm, Box 78, Mt. Holly, VA 22524. Plant variety protection will not be sought.

References and Notes

1. Professor of agronomy, professor emeritus of plant pathology, and assistant professor of agronomy, respectively, Virginia Polytechnic Inst. and State Univ., Blacksburg, VA 24061. Registration by the Crop Sci. Soc. of Am. Accepted 30 May 1987.