REGISTRATION OF 'LOFTS 1757'
KENTUCKY BLUEGRASS

'LOFTS 1757' Kentucky bluegrass (Poa pratensis L.) (Reg. no. 44, PI 538252) was developed and released in September 1988 by Lofts Seed, Inc., of Bound Brook, NJ. Germplasm obtained from the New Jersey Agricultural Experiment Station was used in the development of this cultivar. The first certified seed of Lofts 1757 was produced in 1988.

Lofts 1757 originated as a single, highly apomictic plant selected from the F1 progeny of the cross 'Brunswick' x Anheuser Dwarf. This cross was made during the winter of 1969. Conditions prior to and during pollination were modified to increase sexual reproduction of highly apomictic bluegrasses (2,3,4). Seedlings from this cross were transplanted into a spaced-plant nursery at Adelphia, NJ, in August 1969. The hybrid plant was selected in 1970, with the first turf trial seeded at New Brunswick, NJ, in September 1970.

Brunswick Kentucky bluegrass (1) (U.S. Plant Patent no. 3223), the maternal parent of Lofts 1757, was selected from an old lawn on the Cook College campus of Rutgers University, New Brunswick, NJ, in 1963. Brunswick is a highly apomictic, leafy, turf-type Kentucky bluegrass with a medium-green color, medium leaf width, and a moderately slow rate of vertical growth. Brunswick has performed well in turf trials producing an exceptionally aggressive, attractive, uniform, relatively weed-free, persistent turf under both medium and high levels of turf maintenance. It has demonstrated a high degree of resistance to the stripe smut disease caused by Ustilago striiformis (Westend.) Niessl. and moderately high resistance to the leafspot and melting-out disease incited by Drechslera poae (Baudys) Shoemaker. It has moderate susceptibility to powdery mildew caused by Erysiphe graminis DC. and leaf rust incited by Puccinia brachypodii Gotth. var. poae nemoralis (Gotth.).

Breeder seed of Lofts 1757 is produced and maintained by Lofts Seed, Inc. Seed production is restricted to three cycles of increase from breeder seed: one each of foundation, registered, and certified.

United States Plant Variety Protection has been applied for (application no. 8800230).

R. H. HURLEY,* MARY BETH CLARK-RUH, JOHN MORRISSEY, R. F. BARA, W. K. DICKSON, AND C. R. FUNK (5)

References and Notes
5. Published November, 1990

1358 CROP SCIENCE, VOL. 30, NOVEMBER-DECEMBER 1990
Seed, Inc., with the cooperation of the New Jersey Agricultural Experiment Station.

United States Plant Variety Protection has been applied for (Application no. 8900288).

R. H. HURLEY,* MARIE E. POMPEI, MARY BETH CLARK-RUH, RONALD F. BARA, W. K. DICKSON, AND C. R. FUNK (2)