REGISTRATION OF CROP CULTIVARS

L. (Pers.) and C. dactylon × tramvaalensis Burtt-Davy golf greens, tees, fairways, and lawns. None of the parental clones of Yorktown II carry the gene for fluorescent seedlings. Any such seedlings indicate contamination.

Seed propagation of Yorktown II is limited to two generations of increase from breeder seed—one each of foundation and certified.

Breeder seed is maintained by Loft's Pedigreed Seed, Inc. with the cooperation of the New Jersey Agric. Exp. Stn.

United States Plant Variety Protection Certificate No. 7800001 has been issued for Yorktown II.

REGISTRATION OF MCNAIR 500 SOYBEANS1
(Reg. No. 145)

D. L. Burns, J. M. Green, S. C. Anand, and J. L. Helm1

'MCNAIR 500' soybean [(Glycine max (L.) Merr.)] was developed from the cross 'Davis' × 'Lee 68' by the McNair Seed Co., Laurinburg, N.C. An F1 line was bulked for the original yield evaluation. Single plant selections were made in the F2 generation and F3 lines grown. Three agronomically similar and uniform lines were bulked to initiate breeder seed of McNair 500. It is considered to be late Group V maturity averaging 4 days later in maturity than 'Forrest.'

McNair 500 has purple flowers, tawny pubescence, and tan pod walls. Seed are yellow with black hila. It is resistant to races 1 and 2 of Phytophthora megasperma Drechs. var. sojae Hildeb. and to bacterial pustule [caused by Xanthomonas phaseoli (E. F. Smith) Dows. var. sojensis (Hedges) Starr and Burk.]

McNair 500 has a determinate growth type and averages 4 cm shorter in mature plant height than Forrest. Plant type is similar to that for Lee 68.

McNair 500 is a U.S. Protected Variety (Certificate 76TQ016) and may be sold for planting seed only as a class of certified seed. Breeder seed will be maintained by Northrup King Co., Laurinburg, N.C.

1 Registered by Crop Sci. Soc. of Am. Accepted 6 Nov. 1980.

REGISTRATION OF MCNAIR 600 SOYBEANS1
(Reg. No. 146)

D. L. Burns, J. M. Green, S. C. Anand, and J. L. Helm1

'MCNAIR 600' soybeans [(Glycine max (L.) Merr.)] was developed by the McNair Seed Co. from an advanced bulk population obtained from AR-SEA-USDA, Delta Branch Exp. Stn., Stoneville, Miss. Single plant selections were made in the F1 generation at Laurinburg, N.C. McNair 600 originated as an F0 line. It has a determinate plant type and is of Group VI maturity similar in maturity to 'Lee.' Plants have purple flowers, tawny pubescence, and tan pod walls. Seed are yellow with buff hila.

McNair 600 is moderately resistant to the root-knot nematode Meloidogyne arenaria (Neal) Chitwood, but is susceptible to M. incognita (Kofoid and White). It is susceptible to phytophthora rot (caused by Phytophthora megasperma Drechs. var. sojae Hildeb.). It is moderately resistant to bacterial pustule [caused by Xanthomonas phaseoli (E. F. Smith) Dows. var. sojensis (Hedges) Starr and Burk.] to target spot [caused by Corynespora cassiicola (Burk. and Curt.) Wei.].

McNair 600 has a determinate growth type and averages 4 cm shorter than Bragg. Growth type is similar to that for Forrest.

McNair 600 is a U.S. Protected Variety (Certificate 7100075) and may be sold for planting seed only as a class of certified seed. Breeder seed will be maintained by Northrup King Co., Laurinburg, N.C.

1 Registered by Crop Sci. Soc. of Am. Accepted 6 Nov. 1980.

REGISTRATION OF MCNAIR 800 SOYBEANS
(Reg. No. 147)

D. L. Burns, J. M. Green, S. C. Anand, and J. L. Helm1

'MCNAIR' 800' soybeans [(Glycine max (L.) Merr.)] was developed by McNair Seed Co. by compositing two F1 lines selected from a population generated by intercrossing advanced F1 lines of 'Roanoke' × N45-745 (an F1 line from 'Ogden' × CNS) which was grown at AR-SEA-USDA, Delta Branch Exp. Stn., Stoneville, Miss. It was classified as Group VII maturity averaging 6 days later than 'Bragg.' It is best adapted for production on the Piedmont of South Carolina, South Carolina, Georgia, and Alabama.

Plants of McNair 800 have white flowers, grey pubescence, and tan pod walls. Seed are yellow with buff hila. Mature plants average 9 cm shorter than Bragg. Growth type is determinate.

McNair 800 is resistant to bacterial pustule [caused by Xanthomonas phaseoli (E. F. Smith) Dows. var. sojensis (Hedges) Starr and Burk.] to target spot [caused by Corynespora cassiicola (Burk. and Curt.) Wei.]. It is susceptible to phytophthora rot (caused by Phytophthora megasperma Drechs. var. sojae Hildeb.).

McNair 800 is a U.S. Protected Variety (Certificate 7100042). Breeder seed may be sold only as a class of certified seed. Planting seed will be maintained by Northrup King Co., Laurinburg, N.C.