1% higher seed yield, 8 cm taller plant height, and 1.5 percentage units lower seed protein concentration. Piatt is similar to Resnik in lodging and seed quality scores.

Piatt has white flowers, gray pubescence, tan pods at maturity, and dull yellow seeds with buff hilum. Piatt is resistant to phytophthora rot (Race 1) [caused by *Phytophthora sojae* J.J. Kauffmann & J.W. Gerdemann]; and susceptible to brown stem rot [caused by *Phialophora gregata* (Allington & D.W. Chamberlain) W. Gams.], and sudden death syndrome [caused by *Fusarium solani* (Mart.) Sacc.].

Application will be made for plant variety protection for Piatt under Title V, permitting foundation, registered, and certified classes beyond breeder seed. Breeder seed of Piatt will be maintained by the Illinois Agricultural Experiment Station, Urbana, IL. Seed of Piatt for research purposes will be available for at least 5 yr from the Dep. of Agronomy, Univ. of Illinois, 1102 S. Goodwin Ave., Urbana, IL 61801.

C. D. Nickell,* D. J. Thomas, and K. Frey (8)

References and Notes


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Registration of ‘Oxford 940’ Tobacco

‘Oxford 940’ flue-cured tobacco (*Nicotiana tabacum* L.) (Reg. no. CV-108, PI 574454) was developed cooperatively by the Agricultural Research Service, USDA, Oxford, NC, and the North Carolina Agricultural Research Service and was released jointly in 1993. Oxford 940 was released because of its high levels of resistance to black shank [caused by *Phytophthora nicotianae* Breda de Haan var. *parasitica* (Dastur) G.M. Waterston & Fr. f. sp. *nicotianae* Dastur var. *parasitica* (Dastur) G.M. Waterston & Fr.].

Plant growth of Oxford 940 is typical of modern flue-cured cultivars. On average, it flowers 66 d after transplanting and produces 18.6 harvestable leaves on a slightly taller than average stalk. Mean topping height for Oxford 940 is 95 cm. Leaves are of medium width and length. Oxford 940 was tested as NC 91-18 in the North Carolina Official Variety Test in 1990 (1), in the Flue-Cured Tobacco Regional Small Plot Test in 1991 (2), and in the Regional Farm Test in 1992 (2), and in the Regional Farm Test in 1991 (2). Oxford 940 is not different from ‘NC 2326’ or ‘NC 95’, the checks in these tests, and was 15% less than the checks in these tests, and was 15% less than ‘K326’. Oxford 940 is one of the highest yielding flue-cured tobacco.

The cured leaf of Oxford 940 is predominantly orange in color, medium to heavy bodied and medium textured. It is suitable for production throughout the flue-cured tobacco growing area; however, it will have greatest benefit as a cultivar in fields where both black shank and bacterial wilt problems.

Breeder seed of Oxford 940 will be maintained by the USDA-ARS, P.O. Box 1665, Oxford, NC, 27565-1068.

References and Notes


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