Branch Experiment Station, Aberdeen, Idaho, in 1953 by F. A. Coffman. Cleo was derived from the cross 'Wintok' × ('Clinton' × 'Santa Fe'). The Clinton backcross parent was developed at Ames, Iowa, by H. C. Murphy. The history and description of Arlington and Wintok have been published. Cleo was not released but was named because of its use in many crosses. Cleo is a moderately hardy, productive, stiff-strawed oat with plump, white kernels. It has resistance to Victoria blight, soil-borne mosaic, barley yellow dwarf virus, halo blight, and several races of crown and stem rust, and is susceptible to several common races of smut.

An F3 Arlington × Cleo selection (C.I. 7228) was entered in the Uniform Central Winter Oat Nursery in 1955. A large, quilateral; rachis straight to slightly flexuous; branches mid-long, slender with an occasional short to mid-long hair; panicles medium to large and equi-distant but may be by heterofracture. Some susceptible varieties were rated as high as 74.0% above the resistant Arlington check in amount of infection, whereas some susceptible varieties were rated as high as 74% above Arlington. Fairfax was observed to possess considerable resistance to Victoria blight, crown rust races 203, 216, and 294, barley yellow dwarf virus, mildew, some smut races, and culm rot.

Fairfax was released by the Georgia Agricultural Experiment Station in cooperation with the Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, in 1962.

REGISTRATION OF FAIRFAX OATS

U. R. Gore, F. A. Coffman, and T. M. Starling


FAIRFAX oats (Arena saliva L.), C.I. 7417, Belts, 60-72, was selected from among progeny of the same cross of 'Arlington' × 'Cleo' from which Roanoke (Reg. No. 206, C.I. 7413) and 'Fairfax' (Reg. No. 207, C.I. 7417) were derived. It was a sister strain, selected at the same time. The history and description of Jefferson have been published. In 1960-61, Jefferson was entered in both the Uniform Central and Uniform Southern

REGISTRATION OF JEFFERSON OATS


JEFFERSON' oats (Arena saliva L.), C.I. 7624, Belts, 60-70, was selected from among progeny of the same cross of 'Arlington' × 'Cleo' and selected and tested in the same manner as its sister selection Roanoke. (Reg. No. 206), C.I. 7413. The history and description of Fairfax have been published. In 12 nurseries in Maryland, Virginia, and Georgia from 1959 to 1962, inclusive, Fairfax was superior to Arlington for yield, winter survival, and lodging resistance...