Lynn is now used as the male parent in most of the commercially available hybrids.

Lynn is adapted to the castor growing areas of Texas, New Mexico, Kansas, and Nebraska. Breeder seed will be maintained by the cooperative USDA-TAES program, Texas A&M University Agricultural Research and Extension Center at Lubbock, Lubbock, Texas 79401.

REGISTRATION OF SUMTER OATS
(Reg. No. 233)


'Sumter' oats (Avena sativa L.), C.I. 7509, SC 57-167, was selected at the South Carolina Agricultural Experiment Station and released in 1961.

Sumter is from the cross 'Arlington'/3/'Wintok'/2/'Clinton' *2/'Santa Fe', F₃ bulked seed was sent to Clemson from the Crops Research Division, ARS, U.S. Department of Agriculture. The initial selection was a single F₇ plant, and the final selection was an F₈ head row in 1957.

Sumter is resistant to Helminthosporium victoriae, crown rust races 203, 216, and 294, halo blight, and culm rot. It has excellent tolerance to soil-borne oat mosaic virus, which approaches that of Arlington 23. It appears to be resistant to most prevalent races of smut.

The morphological description of Sumter is as follows: juvenile growth decumbent; plants mid-early, short to mid-tall, numerous tillers; leaves medium in width and color, without marginal pubescence, ligule present; panicle equilaterial, medium in length and width, rachis straight to slightly flexuous, branches moderately numerous, mid-long, straight to slightly raised to slightly drooping at ends; glumes white to slightly reddish, rather coarse in texture; lemma mid-long and wide (kernel plump), yellowish white in color with some gray flecking, 5 to 7 nerves; palea white but may be tinged with reddish color and may be flecked with gray, occasionally straight awn present, rachilla midshort, slender, nonpubescent; separation of 2-floret spikeles usually by heterofracture but frequently by basifracture.

Sumter was replaced by 'Sumter 3' and seed is not generally available.

REGISTRATION OF SUMTER 3 OATS
(Reg. No. 234)


'Sumter 3' oats (Avena sativa L.), C.I. 7886, SC 59-9803, is a pure line selection from 'Sumter.' Sumter was selected from the cross 'Arlington'/3/'Wintok'/2/'Clinton' *2/'Santa Fe', F₇ bulked seed was sent to Clemson from the Crops Research Division, ARS, U.S. Department of Agriculture. The initial selection was a single F₇ plant, and the final selection was an F₈ head row in 1957.

'Sumter 3' oats is like the parent variety in all morphological and disease aspects. Justification for release of Sumter 3 was higher than the cross.

The morphological description of Sumter 3 is as follows: juvenile growth decumbent; plants mid-early, short to mid-tall, numerous tillers; leaves medium in width and color, without marginal pubescence, ligule present; panicle equilaterial, medium in length and width, rachis straight to slightly flexuous, branches moderately numerous, mid-long, straight to slightly raised to slightly drooping at ends; glumes white to slightly reddish, rather coarse in texture; lemma mid-long and wide (kernel plump), yellowish white in color with some gray flecking, 5 to 7 nerves; palea white but may be tinged with reddish color and may be flecked with gray, occasionally straight awn present, rachilla midshort, slender, nonpubescent; separation of 2-floret spikeles usually by heterofracture but frequently by basifracture.

Sumter 3 was released by the South Carolina Agricultural Experiment Station in 1966. Breeder seed will be maintained by the Department of Agronomy and Soils, Clemson University, Clemson, S.C. 29631.

REGISTRATION OF BRUCE OATS
(Reg. No. 235)


'Brucw' oats (Avena sativa L.), C.I. 7888, was released by the South Carolina Agricultural Experiment Station in 1966. The cross was made at the North Carolina Agricultural Experiment Station at Quincy, Florida. Brucw resulted from seed from an F₃ plant selected in 1959. The variety was first tested in South Carolina in 1961-62 and entered in the Uniform Central Winter Oat Performance Nursery in February 1962-63.

Bruce has superior tolerance to soil-borne oat mosaic virus, which approaches that of Arlington 23. Bruce shows slight variations from the character of Sumter. It is its excellent productivity in soil-borne oat mosaic virus infected areas, particularly in the Piedmont.

Bruce is semi-prostrate; mid-tall (85-100 cm); mid-early with small hairs on nerves opposite basal end; lemma hairs white, lemma mid-long and wide, yellowish grey, 5 to 7 nerves; palea white but may be tinged with reddish color and may be flecked with gray, occasionally straight awn present, rachilla midshort, slender, nonpubescent; separation of 2-floret spikeles usually by heterofracture but frequently by basifracture.

Bruce seed will be maintained by the Department of Agronomy and Soils, Clemson University, Clemson, S.C. 29631.

REGISTRATION OF ARLINGTON 23 OATS
(Reg. No. 236)


'Arlington 23' oats (Avena sativa L.), C.I. 7887, was released by the South Carolina Agricultural Experiment Station in 1966. Breeder seed will be maintained by the Department of Agronomy and Soils, Clemson University, Clemson, S.C. 29631.