REGISTRATION OF CULTIVARS

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REGISTRATION OF ELAN OATS1

(Reg. No. 248)

Darrell D. Morey, Acton R. Brown, and Morris J. Biter2

'ELAN' oats (Avena sativa L.), C.I. 8443, Tifton 6161, was developed at the Georgia Coastal Plain Experiment Station and released by the Georgia Agricultural Experiment Stations in 1970. It is a short oat with strong straw. It has produced high yields of grain during 5 years of testing and has good disease resistance. Elan is medium-early in maturity which makes it suitable to precede soybeans or grain sorghums in double cropping systems. It is fall sown and has good winter hardiness for an early oat, and is adapted to the Coastal Plain and Piedmont areas of Georgia and contiguous states.

Elan was selected from the cross ('Suregrain' x LMHJA) x 'Coker 57-11' in 1959. Coker 57-11 was obtained from Coker’s Pedigreed Seed Company, Hartsville, South Carolina. LMHJA was a rust resistant selection obtained from the Georgia Coastal Plain Experiment Station and released by the Georgia Agricultural Experiment Stations in 1953. Suregrain was developed at the Georgia Coastal Plain Experiment Station and released by the Georgia Agricultural Experiment Stations in 1967. A pure line selection from 'Austrian Winter' field pea. It has higher seed yield, larger seed and a higher protein content than 'Austrian Winter' field pea. The first cross of Suregrain x LMHJA was made at Tifton, Georgia in 1953. Suregrain was obtained from Coker's Pedigreed Seed Company, Hartsville, South Carolina. LMHJA was a rust resistant selection obtained from the Georgia Coastal Plain Experiment Station and released by the Georgia Agricultural Experiment Stations in 1953. Suregrain was developed at the Georgia Coastal Plain Experiment Station and released by the Georgia Agricultural Experiment Stations in 1967.

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