REGISTRATION OF IMPROVED COTTON VARIETIES, II

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The first report on the registration of improved cotton varieties was published in December 1936. No varieties were registered in 1937 or 1938. An application for registration was received in 1938, but it was not submitted and approved until 1939. This variety was named Texacala and given Registration No. 35. Below is a brief description of the variety.

TEXACALA, REG. NO. 35

Texacala, formerly known as Rogers Acala III, originated from a plant selection made near Navasota, Texas, in 1924 by J. H. McDonald, who is plant breeder for the John D. Rogers Seed Company, Navasota, Texas. The parent stock of this variety was secured from D. A. Saunders in 1921. Saunders assisted in the acclimatization of this cotton after its importation from Mexico some years previously. Following the selection, the strain was subjected to self-fertilization, roguing, and re-selection. This resulted in a strain of very uniform type. It is characterized by excellent productivity, especially under slightly arid conditions, and the very desirable combination of good lint percentage and good staple length. It is grown extensively in Texas and has been introduced in Mexico, Greece, and Ecuador.

Under good growing conditions, the plants attain a height of 3 to 5 feet; vegetative branches are few; fruiting branches are long on the lower part of the plant but short on the upper part, thus producing a cone-shaped plant; leaves medium sized, dark green; bolls short-pointed, snub-nosed type—66 to 78 per pound; staple length, 1/32 to 1 3/8 inches; percentage lint 34 to 38; seeds medium size, 3,600 per pound; lint index 7.6 to 8.2; somewhat earlier than other of the Texas big boll varieties.

1Registered under a cooperative agreement between the Bureau of Plant Industry, U. S. Dept. of Agriculture, and the American Society of Agronomy. Received for publication November 30, 1939.
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