REGISTRATION OF CROP VARIETIES

SERA LAB SERICEA

(Reg. No. 4)

E. D. Donnelly

'SERALA' sericea, Lespedeza cuneata L., was released in 1962 by the Auburn University Agricultural Experiment Station. It has finer, more pliable or softer stems, more stems per plant, and does not become as coarse or woody as commonly grown strains or varieties of sericea. The anatomy and digestibility of fine and coarse stemmed sericea have been reported. Serala yields as much or more dry matter per acre than other varieties tested.

Serala is a synthetic variety composed of the following Alabama indreds: 63, 780, 1373, 1397, 1893, and 2215. Lines 63 and 1893 were selected from commercial sericea and the remainder from Arlington. These lines were chosen on the basis of stem fineness and pliability, tillering, and forage yield. The lines were evaluated as inbreds at a number of locations in the state and on the performance of polycross progeny. Three lines produced higher forage yields when outcrossed than when selfed. Three produced as much forage when selfed as when outcrossed. The latter three lines were highly productive whether selfed or outcrossed.

All six lines vetch, seed of by small, pliable damages by the vetch bruchid (Bruchus bruchialis F.).

Breeder seed is maintained by the Auburn University Agricultural Experiment Station.

WARRIOR VETCH

(Reg. No. 2)

E. D. Donnelly

'WARRIOR' vetch, Vicia sativa L., was released in 1958 by the Auburn University Agricultural Experiment Station. Its outstanding characterises are that it produces high seed yields in Alabama. This early maturing variety produces high yields of herbage and is resistant to the vetch bruchid (Bruchus bruchialis F.) and to three species of root-knot nematodes, Meloidogyne javanica, M. incognita, and M.民心ica acrita. Warrior is a composite of five lines. Original selections were made by former plant breeders at the Auburn University Agricultural Experiment Station and recorded as to source of germ plasm and breeder who made the selections were lost. The composite was evaluated for seed and herbage production and cold tolerance. Warrior produces more seed than Hull. 'Simpson' (V. sativa) and other vetches tested and as much herbage in its area of adaptation as has been Note, 1961.

Breeder seed of Warrior is maintained by the Auburn University Agricultural Experiment Station.

TRIUMPH 64 WHEAT

(Reg. No. 446)

A. M. Schlehber and J. W. Johnson


Warrior is a composite of five lines. Original selections were made by former plant breeders at the Auburn University Agricultural Experiment Station and recorded as to source of germ plasm and breeder who made the selections were lost. The composite was evaluated for seed and herbage production and cold tolerance. Warrior produces more seed than Wardell. 'Simpson' (V. sativa) and other vetches tested and as much herbage in its area of adaptation as has been Note, 1961.

Breeder seed of Warrior is maintained by the Auburn University Agricultural Experiment Station.

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