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LOTUS CORNICULATUS

Trefoil introductions grown during 1973, consisted of 30 planted in 1972 and 40 planted in 1973. Notes taken from June through the month of July indicate that trefoils are more free of disease and insect pests than other forage legume crops. Notes taken during this same period on uniformity, habit of growth, plant vigor, plant size, leafiness, earliness of bloom and pod set indicate that the following introductions are acceptable for most agronomic characters and should be further tested for yield of forage:- P.I. 226801 Neth., 283625 Czech., 239937 Ger., 235110 Den. and 300014 S. Afr.

Introductions of Lotus pedunculatus similarly rated, that should be further tested are as follows:-P.I. 235102 Swe., 235528 Ger. and 239939 Eng.

On September 10, 1973 notes were taken on the most promising introductions in the 1972 planting. These notes are as follows:

P.I. 234804 (L. corniculatus) Switz. These plants measured 23 cm tall x 74 cm wide, are vigorous and leafy but too short and have a too low habit for hay purposes.

P.I. 358997 (L. corniculatus) Brazil. This is the variety "Sao Gabriel". Surprisingly winter hardy, evidently all plants survived except one. Large plants 35 cm tall x 88 cm wide, already past the second full bloom on Sept. 10 and setting pods well, average leaf size is 1.5 cm x 0.6 cm.

G-3577 (L. pedunculatus) This is the variety 'Beaver'. Plants 26 cm tall x 110 cm wide, leaf size 1.6 cm x 0.9 cm.