crown diseases. Organisms associated with this disease complex were *Rhizoctonia solani*, *Fusarium* spp., *Leptodiscus terrestris*, and *Mycoleptodiscus* spp. Plants from this germplasm pool have vigor, persistence, and semi-erect growth type and are suitable for hay or pasture use. The area of adaptation includes the Appalachian Highlands and the Mid-Atlantic area from Virginia northward.

The parental clones and seed production nurseries will be provided by ARS at Blacksburg, Virginia. Small quantities of seed (up to 10 g) will be provided forage crop breeders upon written request to the author at the Agronomy Dep., Virginia Polytechnic Inst. and State Univ., Blacksburg, VA 24061.

**REGISTRATION OF GROUP H BIRDFOOT TREFOIL GERMPLASM**

(Reg. No. GP 3)

John D. Miller

Group H germplasm pool of birdfoot trefoil (*Lotus corniculatus* L.) resulted from natural intercrossing of 28 clones remaining after six cycles of phenotypic recurrent selection in Virginia. The 30 clones crossed to initiate the first cycle of selection were selected from a much larger number of clones after several years of screening for vigor and disease tolerance at a number of locations in Virginia. In subsequent cycles a small percentage of superior plants was selected for intercrossing to produce the next population of plants after two years of screening, with a total of six two-year cycles.

Group H is somewhat diverse for several characters. Plants are erect or semi-erect like 'Viking,' are vigorous, and have been selected for root and crown rot tolerance. Organisms associated with this disease complex were *Rhizoctonia solani*, *Fusarium* spp., *Leptodiscus terrestris*, and *Mycoleptodiscus* spp. Abundant flowering occurs with heavy seed set if pollinating insects are present. Plants from this germplasm pool yield well for hay but are also suited for rotational grazing in a grass-legume mixture. Group H is adapted in Virginia and northward.

The parental clones and seed production nurseries will be maintained by ARS at Blacksburg, Va. Small quantities of seed (up to 10 g) will be provided forage crop breeders upon written request to the author at the Agronomy Dep., Virginia Polytechnic Inst. and State Univ., Blacksburg, VA 24061.

1 Registered by the Crop Science Society of America. Cooperative investigations of the Research Division, Virginia PolytechnicInst. and State Univ., and the ARS-USDA, Blacksburg, VA 24061. Received July 23, 1975.

**REGISTRATION OF ELITE MAIZE GERMPLASM LINES**

(Reg. Nos. GP 52 to GP 61)

N. W. Widstrom, B. R. Wiseman, and W. W. McMillian

Ten elite waxy maize (*Zea mays* L.) germplasm lines, GT201wx to GT210wx, were developed by the ARS, USDA, and the Georgia Coastal Plain Exp. Stn. They were released on November 25, 1974, as waxy lines indigenous to the three counte...