

#### GERMPLASM AND CULTIVAR RELEASES

GA-1 Birdsfoot Trefoil Germplasm: this germplasm (Reg. no GP-53) was released by the University of Georgia Agricultural Experiment Station in 1985. The original material was obtained from crosses of a Brazilian introduction (PI 244036) and the commercial cultivars, 'Kimey', 'Granger', and 'Empire' starting in 1965 with a 2000-plant spaced planting. Fifteen superior clones possessing superior spring and summer growth, leafiness, and vigor were identified in 1972 from stands exposed to forces of natural selection. Open-pollinated seed was harvested from rooted cuttings of these clones in 1975 and constitute the GA-1 germplasm. Its broad genetic base, in combination with its ability to withstand disease and environmental pressures in the humid Southeast U.S.A. should make GA-1 useful in breeding programs for this region. It has some cold tolerance but was damaged by severe freezing (-25°C) in 1983. Seed may be obtained upon written request from F. C. Boswell, Agronomy Department, Georgia Station, Experiment, GA 30212. The seed supply is limited to 50g and the supply is small.

'AU Dewey' Birdsfoot Trefoil Variety: this variety (Reg. no. 7) was developed and released by the Alabama Agricultural Experiment Station, Auburn University. It was tested under the experimental designation AT-P and released in 1985. AU Dewey is a random mating population developed from open pollinated seed of 13 plants selected from two Yugoslavian plant introductions, PI 188556 and 251558. Selections were made in 1976 for rhizomatous nature, prostrate growth habit, and general vigor and adaptation. Breeder seed is third generation increase of the original bulk without further selection. AU Dewey exhibits high natural reseeding ability and high seedling vigor in the Southeast U.S.A. It has short periods of temperatures below -18°C, but it has not survived winters in the Central and North Central U.S.A. except under good snow cover. Certified seed of AU Dewey will be produced and marketed by International Seeds, Halsey, OR.