

habit. Leaves medium green color, narrow width averaging 17mm. Spikes tapered, medium density, semi-erect. Awn length longer than that of spike. Rachilla length medium with medium length hairs. Glumes hairy and about one-half the kernel length. Stems slightly waxy with dark-green color. More stable in performance and higher in grain quality than check cv. Bonus. Moderately resistant to powdery mildew and tolerant to other major diseases under field conditions. Head emergence ranges between 90 to 95 days from seeding and maturity 135 to 140 days depending upon the environment, moisture and fertility levels. Relatively higher 1000 kernel weight ranging from 46 to 50 g.

The following were developed by Norman L. Taylor, University of Kentucky, Department of Agronomy, N-122 Agric. Sci. Bldg. -N, Lexington, Kentucky 40546-0019, United States; S.A. Ghabrial, University of Kentucky, Dept. of Agronomy, Lexington, Kentucky 40546-0091, United States. Received 04/18/1995.

PI 586963. *Trifolium pratense* L.

Breeding. Population. 19-L38-1472. GP-22. Pedigree - From cultivar Kenstar, result of several cycles of selection for resistance to BYMV, PSV, and powdery mildew. Selection was begun in 1983 with 35 red clover plants that survived three years of screening for BYMV and PSV resistance. Seeds were germinated and grown in a field and screened for virus resistance in 1985. Phenotypic selection continued for 4 more cycles and was completed in 1991. Beginning in 1986, plants screened for resistance to powdery mildew in a greenhouse, continued for three more cycles.

The following were developed by Richard L. Fery, USDA, ARS, U.S. Vegetable Laboratory, 2875 Savannah Highway, Charleston, South Carolina 29414, United States; Philip D. Dukes, USDA, ARS, U.S. Vegetable Laboratory, 2875 Savannah Highway, Charleston, South Carolina 29414, United States. Received 04/18/1995.

PI 586964. *Vigna unguiculata* ssp. *sesquipedalis* (L.) Verdc.

Breeding. Pureline. US-568. GP-153. Pedigree - Single plant selection from a 1987 field planting of PI 468104 (Surinam). Average pod 56cm long, 15 seed. Seeds small, weighing 13.1g per 100 dry seed. Dried seeds kidney or reniform shape, smooth, reddish brown seed coat. Exceptionally high level of resistance to root-knot nematodes (*Meloidogyne incognita*). Resistance superior to the resistance conditioned by the Rk gene in 'Mississippi Silver'. The allele at the Rk locus may not be the Rk allele, but another allele that conditions a superior, dominant-type resistance.

The following were developed by Western Plant Breeders, Inc., United States. Received 04/18/1995.

PI 586965. *Hordeum vulgare* L.

Cultivar. "MERLIN". PVP 9500085.

The following were developed by Goldsmith Seeds, Inc., United States. Received 04/18/1995.

PI 586966. *Tagetes patula* L.

Cultivar. "1357-8-41". PVP 9500114.

The following were developed by Asgrow Seed Company, United States. Received 04/19/1995.