

PI 552538. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Graef, G.L., Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska, United States. **remarks:** Dunbar Soybean. Received June 20, 1991.

origin: United States. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Lincoln, Nebraska 68583-0915. **cultivar:** Dunbar. **pedigree:** Platte x A3127. **other id:** U85-74089. **other id:** CV-292. **group:** CSR-SOYBEAN. **remarks:** Indeterminate mid Group III variety. Flowers purple. Pubescence gray. Pods brown. Seed coat shiny yellow. Hilum imperfect black. Average seed composition 40.6% protein and 20.9% oil. Average plant height 0.8m and seed size 148mg seed -1. Resistant to races 1 and 7 of *Phytophthora megasperma*. Tolerant to *Diaporthe phaseolorum*, soybean mosaic virus, and iron deficiency chlorosis. Annual. Cultivar. Seed.

PI 552539. *Hordeum vulgare* L. POACEAE Winter barley

Donated by: Risius, M.L., Agricultural Research Service -- USDA, Pennsylvania State University, University Park, Pennsylvania, United States; and Pennsylvania Agr. Exp. Sta.; and Virginia Polytechnic Inst. & State Univ.. **remarks:** Penncomp 101 Barley Germplasm. Received June 20, 1991.

origin: United States. **origin institute:** Agricultural Research Service -- USDA, Pennsylvania State University, University Park, Pennsylvania 16802. **cultivar:** PENNCOMP 101. **pedigree:** Eleven crosses involving cultivars and lines of Surry, Hanover, Jefferson, Barsoy, Henry, Monroe, Maury, Harrison, Cebada Capa, Wong, an awnleted Hudson selection and Michigan 62-420-32. **other id:** GP-130. **group:** CSR-BARLEY. **remarks:** Excellent winterhardiness. Resistant to powdery mildew, leaf rust, and net blotch. Derived experimental lines from this population have also had outstanding grain yields, test weights, and lodging resistance. Winter Annual. Breeding Material. Seed.

PI 552540. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Marble, V.L., California Agr. Exp. Sta., University of California, Davis, California, United States. **remarks:** UC 73 Alfalfa Germplasm. Received June 20, 1991.