

origin: United States. **developed:** R.T. Ramage. **origin institute:** USDA-ARS/Arizona Agric. Exp. Station, Tucson, Arizona United States. **cultivar:** AZHUL. **pedigree:** Induced with diethyl sulfate in line 76-19-7. Line 76-19-7 is from F5 cross CC XXXII / Arimont 2X Westbar. **other id:** Arizona Hull-less. **other id:** Breeders Line 76-19-7wx. **remarks:** Spring barley, naked, six-rowed, rough-awned, waxy starch. Growth early, erect. Plant midseason, short. Spikes dense, erect, midlong. Glumes about two-thirds the length of the kernel. Glume awnes about equal the length of the glumes. Kernels naked, white and midlong with short rachilla hairs. Kernel weight about 45-50mg. Being released as source of Betaglucans, has about twice (10-11%) as much as commercial cultivars. Adapted to being grown under irrigation in SW U.S. Has higher frequency of outcrossing, will require greater isolation distances during seed multiplication. Cultivar. Seed.

PI 560054. *Solanum tabanoense* Correll SOLANACEAE

Donated by: Spooner, D.M., USDA-ARS, University of Wisconsin, Dept. of Hort., 1575 Linden Drive, Madison, Wisconsin 53703, United States. Received January 30, 1991.

donor id: 5082. **origin:** Ecuador. **collected:** May 16, 1991. **collector:** D.M. Spooner, R. Castillo, L. Lopez. **collector id:** 5082. **other id:** Grif 1170. **locality:** Approx. 1 km S of end of new stone road to Runtun, which ends 12.0km from main E-W road through Banos. **latitude:** 01 deg. 26 min. S. **longitude:** 078 deg. 25 min. W. **elevation:** 2700m. **remarks:** Growing intertwined among bushes and hard to see. Fruits light green with darker green stripes, looking just like a cultivated pepino (*Solanum muricatum*). Wild. Seed.

PI 560055 to 560060. *Pisum sativum* subsp. *elatius* (Steven ex M. Bieb.)
Asch. & Graebner FABACEAE Wildpea

Donated by: Waines, J.G., University of California, Plant Science Dept., Riverside, California 92521, United States. Received January 30, 1991.

PI 560055 **donor id:** L. 89. **origin:** USSR. **source history:** Palestine via AUIPI, June 1975. **collector id:** J.I. 198. **other id:** W6 9461. **group:** W6. **received as:** *Pisum elatius*. Cultivated. Seed.