

478008-continued

multiple use conservation plant: shelterbelt, wildlife habitat, ornamental. Cold and drought tolerant. Received as *Syringa amurensis* var. *japonica*. Tree. Cultivated. Plants.

478009 TO 478010. *Triticum aestivum* L. (Poaceae) Common wheat.

From United States. Donated by C. Bruns; North American Plant Breeders; Berthoud, Colorado.
Received June 1983.

478009. HR 53. United States. Sonora/Trapper//Warrior/3/II18889/Trapper//C0652643. Plants semi-dwarf (single gene type). Maturity medium. Straw strength exceptionally good. Winterhardness moderate. Seeds uniform, small, vitreous. Resistant to soil borne mosaic virus, moderately resistant to Hessian fly (resistance presumably derived from Marquillo), resistant to mixture of *Puccinia graminis* races 15-TNM, 151-QFB and 29-HJC, resistant to leaf rust (*P. recondita*) and moderately resistant to moderately susceptible to wheat streak mosaic virus. Winter Annual. Cultivar. Seed.

478010. HR 64. United States. Sonora/Trapper//Warrior/3/II18889/Trapper//C0652643. Plants semi-dwarf (single gene type). Maturity medium to late. Straw strength exceptionally good. Winterhardness moderate. Seeds uniform, small, vitreous. Resistant to soil borne mosaic virus. Moderately resistant to Hessian fly, wheat streak mosaic virus, and to a mixture of stem rust (*Puccinia graminis*) races 15-TNM, 151-QFB, and 29-HJC. Fair protection through *Lr-1* form to leaf rust (*P. recondita*). Winter Annual. Cultivar. Seed.

478011 TO 478284. *Triticum aestivum* L. (Poaceae) Common wheat.

From Pakistan. Collected by Pakistan Agricultural Research Council, Foundation for Agricultural Plant Breeding, and IBPGR; Islamabad, Wageningen, Netherlands, & Rome, Italy.
Received March 1983.

478011. PNE 176-1. Pakistan. Collected May 21, 1981. Irrigated field, Bostan, Baluchistan. 1500m. Small population. Spikes awned and awnless. Annual. Cultivated. Seed.

478012. PNE 176-1A. Pakistan. Collected May 21, 1981. Irrigated field, Bostan, Baluchistan. 1500m. Small population. Spikes awned. Annual. Cultivated. Seed.

478013. PNE 176-2. Pakistan. Collected May 21, 1981. Irrigated field, Bostan, Baluchistan. 1500m. Small population.