

PI 536989 to 536990-continued

PI 536990 **origin:** United Kingdom. **cultivar:** ST. EDMUND'S PIPPIN. **other id:** Q 24001. **remarks:** Heirloom cultivar recorded in 1875. Fruits medium 54-56: 51-56mm. Shape intermediate to flat, truncate-conic, convex not or slightly ribbed. Skin greenish yellow almost entirely covered with russet, slightly tinged with brownish red, fairly rough, thick and tough. Flesh firm, fine, crisp, creamy white. Flavor sweet subacid, aromatic. Season second-early to mid. Perennial. Cultivar. Budwd.

PI 536991 to 536992. *Triticum aestivum* L. POACEAE Wheat

Donated by: Sears, R.G., Kansas Agricultural Experiment Station, Department of Agronomy, Kansas State University, Manhattan, Kansas, United States; and Agricultural Research Service-USDA. **remarks:** Developed by the Kansas Agricultural Experiment Station, USDA-ARS and the Wheat Genetics Resource Center and released in 1989. Received November 27, 1989.

PI 536991 **donor id:** KS89WGRC8. **origin:** United States. **cultivar:** HAMLET. **pedigree:** ND7532/Chaupon/2/*4ND7532. **remarks:** Hard red germplasm with broad base of resistance to all known biotypes of Hessian fly (*Mayetiola destructor*). Resistance from the 2BS/2RL translocation. Plants tall, late maturing, similar to ND 7532 but with thicker stems. Winter Annual. Cultivar. Seed.

PI 536992 **donor id:** KS89WGRC9. **origin:** United States. **pedigree:** Mutation line derived from ND 7532 using tissue culture program. **other id:** KTC86211. **remarks:** Germplasm insensitive to endogenous levels of abscisic acid applied at either seedling or adult stages. Lower stomatal resistance, higher variable leaf chlorophyll fluorescence, longer leaf area duration; greater crop growth rate, grain filling rate, kernel weight and grain yield than parent line under heat or drought stress. Winter Annual. Breeding Material. Seed.

PI 536993. *Triticum aestivum* L. POACEAE Wheat

Donated by: Smith, E.L., Oklahoma Agricultural Exp Sta., Oklahoma State University, Stillwater, Oklahoma, United States. **remarks:** Developed by the Oklahoma Agricultural Experiment Station and jointly released with the Agricultural Research Service- USDA. Received December 04, 1989.