

PI 549276-continued

**origin:** United States. **origin institute:** Kansas Agr. Exp. Sta., Kansas State University, Manhattan, Kansas 66506. **cultivar:** HAMLET. **pedigree:** ND7532/Chaupon//4\*ND7532. **other id:** KS89WGRC8. **other id:** GP-332. **group:** CSR-WHEAT. **remarks:** Homogeneously resistant to biotype L of the Hessian fly when tested under greenhouse conditions at Manhattan, Kansas. Similar in maturity and plant height to ND7532, a tall, late maturing, winterhardy, hard red winter wheat. Stems thicker and produces more seeds per spike than ND7532. Cytologically stable. Winter Annual. Breeding Material. Seed.

PI 549277. *Triticum aestivum* L. POACEAE Common wheat

**Donated by:** Sears, R.G., Kansas Agr. Exp. Sta., Kansas State University, Manhattan, Kansas, United States; and Agricultural Research Service -- USDA. **remarks:** KS89WGRC9 Wheat Germplasm. Received May 07, 1991.

**origin:** United States. **origin institute:** Kansas Agr. Exp. Sta., Kansas State University, Manhattan, Kansas 66505. **cultivar:** KS89WGRC9. **pedigree:** ND7532 mutant. **other id:** GP-333. **group:** CSR-WHEAT. **remarks:** Insensitive to endogenous levels of abscisic acid applied at either the seedling or adult stages. Similar in maturity, plant height, and yield to ND7532, a tall, late, winterhardy hard red winter wheat. They have identical gliadin protein patterns as determined by polyacrylamide gel electrophoresis. Winter Annual. Breeding Material. Seed.

PI 549278. *Triticum aestivum* L. POACEAE Common wheat

**Donated by:** Cox, T.S., Agricultural Research Service -- USDA, Manhattan, Kansas, United States; and Kansas Agr. Exp. Sta.. **remarks:** KS90WGRC10 Wheat Germplasm. Received May 07, 1991.

**origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Manhattan, Kansas 66506. **cultivar:** KS90WGRC10. **pedigree:** TAM 107\*3/TA 2460. TA 2460 = *Aegilops squarrosa* (Kyoto University no. KU 2084). **other id:** GP-334. **group:** CSR-WHEAT. **remarks:** Contains a dominant gene on chromosome 1D conditioning a high level of resistance to leaf rust in both seedling and adult plants. Hard red winter wheat very similar in phenotype to TAM 107. Winter Annual. Breeding Material. Seed.