PI 561860-continued

origin: United States. **developed:** G.L. Graef, J.E. Specht, L.L. Korte, D.M. White. **origin institute:** Nebraska Agr. Exp. Sta., University of Nebraska, Dept. of Agronomy, Lincoln, Nebraska 68583-0915 United States. **cultivar:** Lancaster. **pedigree:** K1047 X Mead. **other id:** CV-304. **group:** CSR-SOYBEAN. **restricted:** CSR. **remarks:** Determinate maturity group III. Average plant height 0.56m and seed size 173mg seed-1. Flowers purple. Pods tan. Seeds dull yellow with black hila. Seed protein content averages approx. 44% on a 0% moisture basis. Heterogeneous for resistance to race 4 of Phytophthora rot (Phytophthora megasperma f. sp. glycinea). Spring Annual. Cultivar. Seed.

PI 561861 to 561914. Triticum aestivum L., nom. cons. POACEAE Hard red winter wheat

Donated by: Carver, B.F., Oklahoma Agr. Exp. Sta., Oklahoma State University, Stillwater, Oklahoma 74078-0507, United States. **remarks:** Wheat Genetic Stocks: 1B, 1RS.1BL Near-isolines. Received July 30, 1992.

PI 561861 **origin:** United States. **developed:** B.F. Carver, A.L. Rayburn, R.M. Hunger, E.L. Smith W.E. Whitmore. **origin institute:** Oklahoma Agr. Exp. Sta., Oklahoma State University, Dept. of Agronomy, Stillwater, Oklahoma 74078 United States. **origin institute id:** OK91G109. **pedigree:** OK83398/Chisholm. **other id:** GS-7. **group:** CSR-WHEAT. **restricted:** CSR. **remarks:** Pairs of near-isolines differing for the presence or absence of 1RS.1BL were developed by selfing heterozygous plants (1RS.1BL//1B) in the F2 to F4 generations. One pair of homozygous near-isolines was isolated in each of 27 F5 families descending from a different F2 plant. No selection was imposed except for chromosome type. Segregation has been observed for plant stature (mostly semi-dwarf, some dwarf), and reaction to soil-born mosaic virus and tan spot (Pyrenophora tritici-repentis). This variation is not linked to chromosome type 1B or 1RS.1BL. Winter Annual. Genetic Material. Seed.