

PI 552986-continued

origin: Canada. **origin institute:** Swift Current Res. Sta., Agriculture Canada, Swift Current, Saskatchewan. **cultivar:** NB320. **pedigree:** Tobari 66/Romany. **other id:** GP-205. **source:** Crop Sci. 22(6):1278 1982. **group:** CSR-WHEAT. **remarks:** Photoperiod insensitive semi-dwarf wheat. Medium-late maturity. Spike oblong to fusiform, mid-dense, erect and awned. Glumes long, wide, glabrous, and white. Kernels are light red, long, midwide and ovate to elliptical in shape. Moderately resistant to leaf rust and stem rust. Moderately susceptible to common root rot. Susceptible to bunt and loose smut. Spring Annual. Breeding Material. Seed.

PI 552987. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Whelan, E. D. P., Lethbridge Res. Sta., Agriculture Canada, Lethbridge, Alberta, Canada. Received 1982.

origin: Canada. **origin institute:** Lethbridge Res. Sta., Agriculture Canada, Lethbridge, Alberta. **cultivar:** LRS-1F193. **pedigree:** Developed by obtaining an induced translocation between *Agropyron elongatum* chromosome 6 (Ae6), which can substitute for group 6 homoeologues, and a wheat chromosome using the nullisomic-5B effect. **other id:** GP-206. **source:** Crop Sci. 23(1):194 1983. **group:** CSR-WHEAT. **remarks:** Resistant to *Eriophyes tulipae*, the mite vector of wheat streak mosaic virus and the wheat spot mosaic agent. Spring habit, mid-season, red kernel. Breeding Material. Seed.

PI 552988. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Thompson, R. K., University of Arizona, Mesa Exp. Sta., P.O. Box 1308, Mesa, Arizona, United States. Received 1982.

origin: United States. **origin institute:** Arizona Agr. Exp. Sta., University of Arizona, Mesa, Arizona. **cultivar:** AZ-MSFRS-82RR. **pedigree:** Developed from 6 two-generation cycles of combination-recombination and increases of approximately 1000 rust resistant cultivars from many sources. **other id:** GP-217. **source:** Crop Sci. 23(3):605 1983. **group:** CSR-WHEAT. **remarks:** Diverse maturity, plant types, seed classes, and agronomic behavior. Resistant to leaf rust (*Puccinia recondita*), stem rust (*P. graminis*), and stripe rust (*P. striiformis*). Breeding Material. Seed.