

PI 518647-continued

donor id: AM 4105. **origin:** United States. **cultivar:** THOMAS. **pedigree:** Sel. from CIMMYT Forage Nursery No. 96-1. **other id:** CV-5. **source:** Crop Sci. 28(6):1030. **group:** CSR-TRITICALE. **remarks:** Maturity early. Plants hexaploid $2n=6x=42$, 120cm tall, forage or grain type. Grain yields 4030kg ha. Seeds semi-vitreous. Spikes lax, mid-fusiform, 13.4cm long. Grain protein content 16.5%. Forage protein at boot 23.1%. **disease resistance:** Moderate to leaf blotch (*Septoria tritici*). Glume blotch (*Septoria nodorum*). Winter Annual. Cultivar. Seed.

PI 518648. *Triticum aestivum* L. POACEAE Common wheat

Donated by: Depauw, R.M., Research Station, Agriculture Canada, Swift Current, Saskatchewan, Canada. Received April 13, 1988.

origin: Canada. **cultivar:** LAURA. **pedigree:** BW15(Manitou/Tobari 66)/BW517(Carazinho/CT 763//ATLAS 66/CT 262. **other id:** CV-737. **source:** Crop Sci. 28(6):1032. **group:** CSR-WHEAT. **other id:** Agr. Canada Reg. No. 2730. **remarks:** Plants photoperiod insensitive. Spikes oblong to fusiform, middense, midlong, erect and awned. Glumes midwide, midlong, glabrous and white. Kernels hard, red, medium size, and ovate. Germ midsize and ovate. Good bread baking and strong gluten properties. Susceptible to common bunt. **disease resistance:** Races of leaf rust (*Puccinia recondita* f. sp. *tritici*). Stem rust (*P. graminis*). Resistance to loose smut. Moderate to root rot (*Bipolaris sorokiniana*). Spring Annual. Cultivar. Seed.

PI 518649. *Festuca longifolia* Thuill. POACEAE

Donated by: Pepin, G.W., Pickseed West, Inc., P.O. Box 888, Tangent, Oregon, United States. **remarks:** Cooperative efforts of Pickseed West, Inc. and the New Jersey Agricultural Experiment Station, Rutgers University. Received April 13, 1988.

origin: United States. **cultivar:** SPARTAN. **pedigree:** Synthetic selected from progenies of 142 clones. **other id:** CV-34. **source:** Crop Sci. 28(6):1020. **group:** CSR-FESCUE. **other id:** Pickseed Syn TR. **remarks:** Leafy, persistent, turf-type. Turf attractive, dense, low-growing, fine-textured. Green color retention good. Shade tolerant. **disease resistance:** Improved to powdery mildew, (*Erysiphe graminis*), anthracnose. Netblotch (*Helminthosporium dictyoides*). Red thread (*Laetisaria fusiformis*). Cultivar. Seed.