

- PI 572975 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91322. **pedigree:** Aegilops squarrosa/6*Nugaines//7*Luke. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic population, Aegilops squarrosa cytoplasm donor. Luke (CI14586, soft white winter) nucleus donor. Similar phenotypically to Luke for most traits. Equal to euplasmic counterpart for heading, plant height, lodging, kernel wt., harvest index. Alloplasmic vs. euplasmic differences detected in some environments with positive effects on grain yield, test wt. and negative effects on spike no., kernels/spike, and bioyield. Winter Annual. Genetic Material. Seed.
- PI 572976 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91398. **pedigree:** Daws/3/Aegilops squarrosa/6*Nugaines//6*Daws. Bulk of 30 F4-derived F5 lines. **remarks:** Euplasmic (E) equivalent population to alloplasmic (A) population of Aegilops squarrosa cytoplasm having Daws (CI17419, soft white winter) nucleus. Phenotypically very similar to Daws. Equal to alloplasmic counterpart for lodging, grain yield, spike no., bioyield, harvest index, kernels/spike. Euplasmic vs. alloplasmic differences occurred in some environs, i.e. A>E for heading date and kernel wt. while E>A for test wt. and plant height. Winter Annual. Genetic Material. Seed.
- PI 572977 **origin:** United States. **developed:** R.E. Allan. **origin institute:** USDA-ARS/Washington Agric. Exp. Station, Pullman, Washington United States. **origin institute id:** REA91397. **pedigree:** Aegilops squarrosa/6*Nugaines//7*Daws. Bulk of 30 F4-derived F5 lines. **remarks:** Alloplasmic (A) population. Aegilops squarrosa cytoplasm donor. Daws (CI17419, soft white winter) nucleus donor. Similar phenotypically to Daws for most traits. Equal to its euplasmic (E) equivalent for lodging, grain yield, spike no., bioyield, harvest index, kernels/spike. Alloplasmic vs. euplasmic differences occurred in some environments, i.e. A>E for heading date and kernel wt. while E>A for test wt. and plant height. Winter Annual. Genetic Material. Seed.