

- cylindrical/Chris//10*Selkirk (NDM2)/3/6*Stephens. Euplasmic (E) equivalent population to alloplasmic (A) population of *Aegilops cylindrica* with Stephens (CI17596, soft white winter) as nucleus donor. Similar phenotypically to Stephens for most traits. Over 5 tests A=E for heading date, lodging, plant height, grain yield, test wt., spike no., bioyield, harvest index, kernels/spike, protein content and grain hardness. E>A for kernel wt.
- PI 590261. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS924. Pedigree - Ae. cylindrical/Chris//10*Selkirk (NDM2)/3/7*Stephens. Alloplasmic (A) population. *Aegilops cylindrica* cytoplasm donor. Stephens (CI17596, soft white winter) nucleus donor. Similar phenotypically to Stephens for most traits. Averaged over 5 tests, A=E for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, harvest index, kernels/spike, protein content and grain hardness. A<E for kernel wt.
- PI 590262. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS925. Pedigree - Stephens/4/Ae. variabilis/9*Chris//13*Selkirk (NDM3)/3/6*Stephens. Euplasmic (E) equivalent population to alloplasmic (A) population of *Aegilops variabilis* with Stephens (CI17596, soft white winter) as nucleus donor. Similar phenotypically to Stephens for most traits. Averaged over 5 tests A=E for heading date, plant height, lodging, test wt., harvest index, kernels/spike, protein content and grain hardness. E>A for grain yield and kernel wt.; E<A for spike no. and bioyield.
- PI 590263. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS926. Pedigree - Ae. variabilis/9*Chris//13*Selkirk (NDM3)/3/7*Stephens. Alloplasmic (A) population with *Aegilops variabilis* as cytoplasm donor. Stephens (CI17596, soft white winter) nucleus donor. Averaged over 5 tests A equal to euplasmic (E) counterpart for heading date, plant height, lodging, test wt., harvest index, kernels/spike, protein content and grain hardness. A<E for grain yield and kernel wt.; A>E for spike no. and bioyield.
- PI 590264. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS927. Pedigree - Stephens/3/Ae. squarrosa/19*Selkirk (NDM4)//6*Stephens. Euplasmic (E) equivalent population to alloplasmic (A) population of *Aegilops squarrosa* with Stephens (CI17596, s soft white winter) as nucleus donor. Similar phenotypically to Stephens for most traits. Averaged over 5 tests A=E for heading date, plant height, grain yield, test wt., spike no., bioyield, harvest index, kernels/spike, protein content and grain hardness. E>A for lodging and kernel wt.
- PI 590265. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS928. Pedigree - Ae. squarrosa/19*Selkirk (NDM4)//7*Stephens. Alloplasmic (A) population with *Aegilops squarrosa* as cytoplasm donor. Stephens (CI17596, soft white winter) as nucleus donor. Similar phenotypically to Stephens for most traits. Averaged over 5 tests A=E (euplasmic equivalent) for heading date, plant height, grain yield, test wt., spike no., bioyield, harvest index, kernels/spike, protein content and grain hardness. A<E for lodging and kernel wt.
- PI 590266. *Triticum aestivum* L., nom. cons.**
Breeding. 92ARS929. Pedigree - Stephens/4/Ae. uniaristata/2* T. durum//10*Selkirk(NDM5)/3/6*Stephens. Euplasmic (E) counterpart to alloplasmic (A) population of *Aegilops uniaristata* with Stephens (CI17596, soft white winter) as nucleus donor. Averaged over 5 tests E=A for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, harvest index, kernels/spike, protein content and grain hardness; E>A for kernel wt.