

- PI 590274. *Triticum aestivum* L., nom. cons.
Breeding. 92ARS938. Pedigree - Stephens/3/T. macha/9*Selkirk (NDM9)//6*Stephens. Euplasmic (E) equivalent to alloplasmic (A) population of *Triticum macha* with Stephens (CI17596, soft white winter) as nucleus donor. Phenotypically similar to Stephens for most traits. When averaged across 5 tests, E=A for heading date, plant height, lodging, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content and grain hardness.
- PI 590275. *Triticum aestivum* L., nom. cons.
Breeding. 92ARS939. Pedigree - T. macha/9*Selkirk (NDM9)//7*Stephens. Alloplasmic (A) population with *Triticum macha* cytoplasm donor and Stephens (CI17596, soft white winter) as nucleus donor. Phenotypically similar to Stephens for most traits. A equal to euplasmic (E) equivalent for heading date, lodging, plant height, grain yield, test wt., spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content and grain hardness.
- PI 590276. *Triticum aestivum* L., nom. cons.
Breeding. 92ARS940. Pedigree - Stephens/3/T. turgidum/9*Selkirk (NDM10)//6*Stephens. Euplasmic (E) equivalent to alloplasmic (A) population of *Triticum turgidum* with Stephens (CI17596, soft white winter) as nucleus donor. Phenotypically similar to Stephens for most traits. When averaged across 5 tests, E=A for heading date, lodging, grain yield, spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content and grain hardness. E>A for plant height and A>E for test wt.
- PI 590277. *Triticum aestivum* L., nom. cons.
Breeding. 92ARS941. Pedigree - T. turgidum/9*Selkirk (NDM10)//7*Stephens. Alloplasmic (A) population with *Triticum turgidum* cytoplasm donor and Stephens (CI17596, soft white winter) as nucleus donor. Phenotypically similar to Stephens for most traits. A equal to euplasmic (E) equivalent for heading date, lodging, grain yield, spike no., bioyield, kernel wt., harvest index, kernels/spike, protein content and grain hardness. A<E for plant height and A>E for test wt.

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- PI 590278. *Saccharum hybrid*
Cultivar. "LCP 86-454". CV-102. Pedigree - CP 77-310 / CP 69-380. Produces low population of large-diameter stalks. Recoverable sugar content (kg ha⁻¹) similar to check varieties. Milling factor 1.035. Cane fiber content 12.6%. Suited to mechanical harvesting. Resistant to injury by sugarcane borer (*Diatraea saccharalis*). Resistant to smut (*Ustilago scitaminea*). Moderately resistant to leaf scald (*Xanthomonas albilineans*). Susceptible to sugarcane mosaic virus and ratoon stunting