

biotypes C and E greenbug (*Schizaphis graminum*). Possesses poor mixograph characteristics. More tolerant of water stress than TAM107, based upon grain yield in two years, with or without irrigation, at Bushland, Texas.

PI 587030. *Triticum aestivum* L., nom. cons.

Breeding. TX88A6880. GP-458. Pedigree - (TAM105*4/Amigo)*4//Largo. Moderately early semi-dwarf, similar to TAM107 in maturity, height and disease reaction. Resistant to powdery mildew (*Erysiphe graminis*) and biotypes C and E greenbug (*Schizaphis graminum*).

PI 587031. *Triticum aestivum* L., nom. cons.

Breeding. TXGH10194. GP-459. Pedigree - (TAM105*4/Amigo)*4//Largo. Moderately early semi-dwarf, similar to TAM107 in maturity, height and disease reaction. Resistant to powdery mildew (*Erysiphe graminis*) and biotypes C and E greenbug (*Schizaphis graminum*).

PI 587032. *Triticum aestivum* L., nom. cons.

Breeding. TXGH10289. GP-460. Pedigree - (TAM105*4/Amigo)*4//Largo. Moderately early semi-dwarf, similar to TAM107 in maturity, height and disease reaction. Resistant to powdery mildew (*Erysiphe graminis*) and biotypes C and E greenbug (*Schizaphis graminum*). More tolerant of water stress than TAM107, based upon grain yield in two years, with or without irrigation, at Bushland, Texas.

PI 587033. *Triticum aestivum* L., nom. cons.

Breeding. TXGH10440. GP-461. Pedigree - (TAM105*4/Amigo)*4//Largo. Moderately early semi-dwarf, similar to TAM107 in maturity, height and disease reaction. Resistant to powdery mildew (*Erysiphe graminis*) and biotypes C and E greenbug (*Schizaphis graminum*). Possesses favorable mixograph characteristics.

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PI 587034. *Zea mays* L. ssp. *mays*

Breeding. Population. HWSA(FG)C1. GP-322. Pedigree - Inbred lines derived from populations H White Synthetic D, H Colus White, H Synthetic Lancaster/43 White, H Synthetic 99 White, and Mo17 White Composite; and inbred lines H124w and H126w. White endosperm dent population representing Cycle 1 of recurrent selection for improved grain hardness and agronomic characteristics in the heterotic breeding group 'A' (non-Stiff Stalk). Has undergone one generation of recurrent selection for increased endosperm density of grain (using a gas pycnometer), rind thickness (using a digital penetrometer), leaf blight tolerance, and hybrid grain yield. Average flowering date of 64 d (1305 GDD-base 50) and relative maturity classification of AES700-800. Kernel types variable in whiteness.

PI 587035. *Zea mays* L. ssp. *mays*

Breeding. Population. HWSB(FG)C1. GP-323. Pedigree - Inbred lines derived from populations H Synthetic 73 White, HSSS White, and BS17 White; B89 white line conversions; and inbred line H122w. White endosperm dent population representing Cycle 1 of recurrent selection for improved grain hardness and agronomic characteristics in the heterotic breeding group 'B' (Stiff Stalk). Has undergone one generation