pollen production, and silk emergence coincident with pollen shed. Ears have 12 to 14 rows of yellow dent kernels on white cobs. Performs better in crosses with lines having Iowa Stiff Stalk Synthetic germplasm.

**PI 594046. Zea mays** L. **ssp. mays**
Cultivar. Inbred. B103; CIMMYT Pool 41-C15-9; Ames 22788. PL-282. Pedigree - CIMMYT Pool 41-C15-9-1-1-1-1-1-1-1-1-1. Released 04/08/1996. Derived from Pool 41 (Gene Pool for the Temperate Region) developed by the International Maize and Wheat Improvement Center (CIMMYT). Flowers 4 to 7 days earlier than A632 with similar plant and ear heights. Ears have 14 to 16 rows of yellow flinty kernels on red cobs. Average root and stalk strength, above average resistance to 1st generation European corn borer (Ostrinia nubilalis), but susceptible to grey leaf spot (Cercospora zeae-maydis). Has similar cross performance in lines from Iowa Stiff Stalk Synthetic (BSSS) and non-BSSS sources.

**PI 594047. Zea mays** L. **ssp. mays**
Cultivar. Inbred. B104; BS13(S)C5-13; Ames 22789. PL-283. Pedigree - BS13(S)C5-13-1-1-2-1-1-1. Released 04/08/1996. Developed from BS13(S)C5, a strain of Iowa Stiff Stalk Synthetic after 12 cycles of recurrent selection. Has consistently had above average yield in crosses having primarily Lancaster Sure Crop germplasm. Flowers 2 to 4 days later than B73, but plant and ear heights are shorter than B73. Pollen production good, silk emergence coincident with pollen shed, ears have 12 to 14 rows of yellow dent kernels on pink cobs, and yield similar to that of B97. Maintains good plant health until physiological maturity. Maturity classification is AES800.

**PI 594048. Zea mays** L. **ssp. mays**
Cultivar. Inbred. B105; BSSS(R)C9-5; Ames 22790. PL-284. Pedigree - BSSS(R)C9-5-1-1-1-1-1-2-1-1-1. Released 04/08/1996. Developed from BSSS(R)C9-5, a strain of Iowa Stiff Stalk Synthetic that has been under reciprocal recurrent selection with Iowa Corn Borer Synthetic No. 1. Date of flowering and plant and ear heights are similar to B73. Silk emergence is delayed if heat and drought stress occur at flowering . Ears have 14 to 16 rows of yellow dent kernels on red cobs. Average root and stalk strength, average resistance to 1st-generation European corn borer (Ostrinia nubilalis), above-average resistance to grey leaf spot (Cercospora zeae-maydis), and average yield.

**PI 594049. Zea mays** L. **ssp. mays**
Cultivar. Inbred. B106; BS26-2-552; Ames 22791. PL-285. Pedigree - BS26-2-552-1-1-1-1-1-1-1-1-1-1-1-1. Released 04/08/1996. Developed from a Lancaster Sure Crop composite and was one of the lines intermated to form BS26. Flowering time similar to B73, Mo17, and B104. Pollen production above average, and silk emergence coincident with pollen shed. Ears have 10 to 12 rows of kernels on long, red cobs. Tends to have weak roots itself and in crosses. Good resistance to 1st-generation European corn borer (Ostrinia nubilalis), grey leaf spot (Cercospera zeae-maydis), and rust (Puccinia sorghi), and good stay green until physiological maturity. Maturity classification is AES800.

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