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PI 594050. *Zea mays* L. *ssp. mays*

Breeding. Inbred. N501. PL-239. Pedigree - Inbred from Nebraska S synthetic following twelve cycles of recurrent selection for grain yield and tolerance to sub-optimal temperatures. Yellow dent inbred with a red cob. Developed from synthetic undergoing recurrent selection using a combination of full-sib and S1 selection. Selection of full-sibs based upon grain yield; S1 selection based upon tolerance to sub-optimal temperatures in the field during germination and seedling growth. Adapted to central and southern Nebraska.

PI 594051. *Zea mays* L. *ssp. mays*

Breeding. Inbred. N502. PL-240. Pedigree - Inbred from Nebraska S synthetic following twelve cycles of recurrent selection for grain yield and tolerance to sub-optimal temperatures. Yellow dent inbred with a red cob. Developed from synthetic undergoing recurrent selection using a combination of full-sib and S1 selection. Selection of full-sibs based upon grain yield; S1 selection based upon tolerance to sub-optimal temperatures in the field during germination and seedling growth. Adapted to central and southern Nebraska.

PI 594052. *Zea mays* L. *ssp. mays*

Breeding. Inbred. N503. PL-241. Pedigree - Inbred from Nebraska S synthetic following twelve cycles of recurrent selection for grain yield and tolerance to sub-optimal temperatures. Yellow dent inbred with a red cob. Developed from synthetic undergoing recurrent selection using a combination of full-sib and S1 selection. Selection of full-sibs based upon grain yield; S1 selection based upon tolerance to sub-optimal temperatures in the field during germination and seedling growth. Adapted to central and southern Nebraska.

PI 594053. *Zea mays* L. *ssp. mays*

Breeding. Inbred. N504. PL-242. Pedigree - Inbred from Nebraska S synthetic following twelve cycles of recurrent selection for grain yield and tolerance to sub-optimal temperatures. Yellow dent inbred with a red cob. Developed from synthetic undergoing recurrent selection using a combination of full-sib and S1 selection. Selection of full-sibs based upon grain yield; S1 selection based upon tolerance to sub-optimal temperatures in the field during germination and seedling growth. Adapted to central and southern Nebraska.

PI 594054. *Zea mays* L. *ssp. mays*

Breeding. Inbred. N505. PL-243. Pedigree - Inbred from Nebraska S synthetic following twelve cycles of recurrent selection for grain yield and tolerance to sub-optimal temperatures. Yellow dent inbred with a red cob. Developed from synthetic undergoing recurrent selection using a combination of full-sib and S1 selection. Selection of full-sibs based upon grain yield; S1 selection based upon tolerance to sub-optimal temperatures in the field during germination and seedling growth. Adapted to central and southern Nebraska.