



# 2000 Ornamental Corn Germplasm Evaluation

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This Ornamental Corn Germplasm trial compared 18 cultivars using 3 replicates of each cultivar. Objectives were to rate and observe specific lines of ornamental corns for production and marketing characteristics.

## **Methods:**

**Planting:** Seeded to the field on May 12, 2000

**Spacing:** Rows were planted on 30 inch row spacing, rows were 15 feet long

**Soil Type:** Haubstadt Silt loam

**Fertilizer:** Applied 120 lbs. N, 120 lbs. P<sub>2</sub>O<sub>5</sub> and 120 lbs. K<sub>2</sub>O per acre according to soil test recommendations.

**Weed Control:** 2.1 qt/a Bicep II Magnim applied on May 12, 2000

**Pest Management:** None

**Harvest:** October 10, 2000

## **Results:**

Some cultivars in this year's trial that look promising include Indian Art 104, Indian Art 101 RBV 1402-B, AM-X 1005 and Autumn Splendor round out the top five in the trial. Marketable ears per acre ranged from 41,333 to 21,333 and most of the cultivars yielded multiple ears per plant. Ear length ranged from 9.65 inches to 8.28 inches long. There was a wide range of color schemes in this year's trial some of the colors included Reds, pinks, purples, blues, browns, and yellows. Some of the colors had a pastel appearance to them, others ears had a shiny appearance to them. There were several attractive color schemes in this year's trials.

**Table 1.** Yields from the replicated Ornamental Corn Germplasm Evaluation,

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	<b>Seed</b>	<b>Marketable</b>	<b>Ear Length</b>	<b>Ear Width</b>
<b>Cultivar</b>	<b>Source</b>	<b>Ears/ Acre</b>	<b>Inches</b>	<b>Inches</b>
Indian Art 104	RP	41333	8.60	1.62
Indian Art 101	RP	41333	7.80	1.67
RBV 1402-B	RBV	37333	8.52	1.68
AM-X 1005	RBV	37333	9.28	1.80
Autumn Splendor	RP	35333	8.47	1.70
RBV 1013	RBV	34667	8.77	1.67
RBV 1001-K	RBV	32667	9.37	1.72
RBV 1009	RBV	32667	9.32	1.78
RBV 1405-B	RBV	32000	9.23	1.67
RBV 1011	RBV	32333	9.10	1.82