

1999 ORNAMENTAL CORN EVALUATION**Brad Bergefurd, Extension Agent, Horticulture****Bob Prechueur, Extension Specialist, Horticulture****Thomas Harker, Research Assistant, Horticulture****Ohio State University Extension Enterprise Center****1864 Shyville Road, Piketon, Ohio 45661-9749****(740) 289-3727**

This Ornamental Corn Cultivar Trial compared 13 cultivars using 3 replicates of each cultivar. Objectives were to evaluate potential ornamental corn cultivars for their suitability in Southern Ohio growing and marketing season.

Methods:

Planting: Cultivars were seeded to the field on June 3, 1999 at Hillsboro, Ohio.

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. P₂O₅ and 120 lbs. K₂O per according to soil test recommendations.

Weed Control: 3.5 pt/A Eradicane Extra 6.7 E pre plant incorporated on June 2, 1999. Hand hoed and cultivated as necessary.

Pest Management: None

Harvest: October 8, 1999

Results:

Despite the extreme dry contions Southern Ohio received this year overall quality of the ornamental corn was good. Yields from the replicated ornamental corn cultivars ranged from 10196 ears per acre to 3333 ears per acre. Indian Art 185 was the highest yielding cultivar with Wilda's Pride the lowest yielding cultivar in this years trial. Ear width ranged from Wilda's Pride had the largest ear width and Indian Art 185 the smallest. RBV 1003 had the longest ear length in this year's trial. RBV 1012 and Indian Art 101 had multiple marketable ears per stalk.

Table 1. Yields from the Ornamental Corn Cultivar Evaluation Trial, OSU Extension Enterprise Center, Hillsboro 1999.

Cultivar	Seed Source	Marketable Ears/Acre	Average Ear Width	Average Ear Length
Indian Art 185	RP	10196	1.30"	5.85"
War Bonnet	RBV	9412	1.70"	8.85"

Indian Art 104	RP	9216	1.75"	8.80"
RBV 1012	RBV	8431	1.70"	8.80"
Indian Art 101	RP	8039	1.70"	8.30"
RBV 1002	RBV	7843	1.60"	7.80"
RBV 1004	RBV	7451	1.75"	7.80"
RBV 1013	RBV	7451	1.60"	7.90"
RBV 1003	RBV	7059	1.85"	10.00"
RBV 1001	RBV	7059	1.80"	8.70"
RBV 1009	RBV	6471	1.65"	7.80"
American Way	SI	3529	2.05"	7.50"
Wilda's Pride	HM	3333	1.60"	8.10"
LSD	NA	4612.3	NA	NA