

2006 Ornamental Corn Germplasm Evaluation

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This Ornamental Corn Germplasm trial compared 10 cultivars using 3 replicates of each cultivar. Objectives were to rate and observe specific lines of ornamental corn for production and marketing characteristics.

Methods:

Seeds were planted May 18th at the OSU South Centers research and demonstration plots. Four rows of each cultivar were planted on 30 inch rows.

Results:

There was no significant effect of variety on ear length. Average ear length ranged from 8.0 to 8.8(inches). There was a slight difference by variety for production with Cheyenne Pride producing less ears (4510/acre) than Indian Sunrise which produced 8824 ears/acre. There was a slight difference in ear width by variety as shown in Table 1.

Table 1. t-Tests (LSD) for width (LSD=0.5) Means with the same letter are not significantly different.

t	Grouping		Mean	N	Treatment
	A		5.8	3	Autumn Plaids
B	A		5.5	3	Holiday Festival
B	A	C	5.3	3	Maidens Rainbow
B	A	C	5.3	3	Morning Glory
B	A	C	5.3	3	Indian Sunrise
B		C	5.2	3	Cherokee Pride
B		C	5.2	3	Autumn Reflections
		C	4.8	3	Calico Pride
		C	4.8	3	Cheyenne Pride
		C	4.8	3	Apache Pride