

2007 Ornamental Corn Germplasm Evaluation

Brad R. Bergesford, Dr. Shawn Wright
The Ohio State University South Centers
1864 Shyville Road, Piketon, Ohio 45661-9749
Phone: (740) 289-2071

This Ornamental Corn Germplasm trial compared 26 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 yield or ear length. Marketable ears per acre ranged from a low of 4444 (Red Sandstone) – 16111 (Underwood's) ears per acre. Average ear width ranged from 1.22" (Gorgeous Lady) – 1.88" (Rainbow Brave). Average ear length ranged from 7.77" (Cheyenne Pride) – 9.08" (Gorgeous Lady).

Table 1: Yield and Ear Comparisons Piketon, Ohio

Cultivar	Marketable Ears/acre	Ear Width (inches)	Ear Length (inches)	Seed Source
Early Chief	8333	1.6	8.4	Rainbow Valley
Cheyenne Pride	11666	1.6	7.7	Rainbow Valley
Apache Pride	13888	1.6	8.7	Rainbow Valley
Maidens Rainbow	12222	1.5	8.7	Rainbow Valley
Gorgeous Indian	11666	1.5	8.5	Rainbow Valley
Shimmering Sunset	11666	1.5	9.0	Rainbow Valley
Ultra Rays	16110	1.5	8.9	Rainbow Valley
Blazing Sun	12777	1.7	8.9	Rainbow Valley
Rainbow Brave	11666	1.8	8.1	Rainbow Valley
Blue Ice	8333	1.6	8.6	Rainbow Valley
Indian Sunrise	13333	1.7	8.8	Rainbow Valley
Cherokee Pride	13333	1.7	8.8	Rainbow Valley
6000 X	11666	1.7	8.7	Rainbow Valley

*The Cultivars in the charts are in random order.

Table 2: Yield and Ear Comparisons Piketon, Ohio

Cultivar	Marketable Ears/acre	Ear Width (inches)	Ear Length (inches)	Seed Source
Calico Pride	9999	1.7	8.9	Rainbow Valley
Holiday Festival	9444	1.6	8.9	Rainbow Valley
Autumn Reflections	12222	1.6	7.8	Rainbow Valley
RBV 1303	9999	1.6	8.4	Rainbow Valley
RBV 8000	9999	1.6	8.3	Rainbow Valley
Blue Daze	11666	1.7	8.6	Rainbow Valley
Red Sandstone	4444	1.6	7.8	Rainbow Valley
Golden Sweet 107	14999	1.6	8.6	Golden Sweet Hybrids
Underwood's	16111	1.5	8.2	Harris Seeds
Wilda's Pride	9444	1.6	8.3	Harris Seeds
Golden Sweet 108	11110	1.6	8.9	Golden Sweet Hybrids
Early Supreme Indian	12222	1.5	8.5	Golden Sweet Hybrids
Gorgeous Lady	11666	1.2	9.0	Golden Sweet Hybrids

*The Cultivars in the charts are in random order.