

# 2005 Ornamental Corn Germplasm Evaluation

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This Ornamental Corn Germplasm trial compared 26 cultivars using 3 replicates of each cultivar. Objectives were to rate and observe specific lines of ornamental corns for production and marketing characteristics.

## Methods:

Seeds were planted May 26<sup>th</sup> at OSU Western Branch and June 13<sup>th</sup> at the OSU South Centers research and demonstration plots, located at Southern State Community College in Hillsboro. Four rows of each cultivar were planted on 30 inch rows.

## Results:

Some cultivars in this year's trial that look promising include RBV 1002SL, RBV 1303, RBV 1009N, RBV 1005SL. Many of the cultivars yielded multiple ears per plant. Ear length ranged from 7 inches to 8.80 inches long. There was a wide range of color schemes in this year's trial some of the colors included reds, purples, blues, browns, and yellows. There were several attractive color schemes in this year's trials. Most of the cultivars this year had very good tip fill, generally filled out to the end of the ears.

## Hillsboro

<u>Cultivar</u>	<b>Marketable</b>	<b>Average</b>	
	<u>Ears/acre</u>	<u>Ear Length inches</u>	<u>Ear Width inches</u>
RBV 1002 SL	7408	7.0	1.6
RBV 1303	7037	7.8	1.8
RBV 1009 N	6667	8.5	1.8
RBV 1005 SL	6297	7.7	1.7
RBV 1002 N	5926	7.7	1.7
RBV 1402 BL	5556	8.8	1.8
RBV Exp SL 1303	5185	7.4	1.8
RBV 1009 SL	5185	7.7	1.9
RBV Exp OL 1013	5185	7.8	1.8
Exp SL Zimm	5185	7.7	2.2
RBV HALLOWEEN RED	4815	8.1	1.7
RBV 333 X	4074	8.1	1.7
RBV 1402 B	4074	7.5	1.8
RBV STROBELIGHTS	4074	7.8	1.7
Exp 1303 AW	3704	8.2	1.9
ILL. BLUE	3704	7.4	2.0
RBV 1004	3703	8.1	1.8
RBV 1303 R	2592	7.7	2.0
RBV Kalija	2592	7.8	1.8

## Western Branch

**Marketable**

**Average**

<u>Cultivar</u>	<u>Ears/acre</u>	<u>Ear Length inches</u>	<u>Ear Width inches</u>
Exp SL-Zimm	16667	7.9	2.0
RBV 1005 SL	16000	7.3	1.6
RBV EXP OL 1013	13333	7.9	1.7
RBV Exp OL 1303	12667	8.2	1.8
RBV STOBELIGHTS	12667	7.8	1.7
RBV 1009	12000	8.5	1.8
RBV 1402 BL	12000	8.4	1.6
RBV 1303	11333	8.2	1.5
RBV 1303 R	11333	7.7	1.5
RBV 1302 R	11333	7.1	1.7
ILL. BLUE	10667	7.3	1.9
RBV 777X	10667	7.8	1.6
Exp 1303 AW	10000	8.3	1.8
RBV Exp XLT SLT	10000	8.1	1.7
RBV 1022 PH	8667	9.0	1.6
RBV Exp SL 1303	8667	8.2	1.8
RBV HALLOWEEN RED	8667	8.2	1.7
RBV 1002 N	8000	8.1	1.8
RBV 1002 SL	8000	8.2	1.9
RBV Kalija	7333	8.4	1.9
RBV 1004	6667	8.3	1.7
RBV 1402 B	6000	8.3	1.8
RBV 1009 N	6000	7.8	1.7
RBV 1009 SL	6000	8.4	1.8
RBV 333 X	5333	8.9	1.8
RBV 1005 N	4667	8.3	1.6