

## EVALUATION OF PUMPKIN CULTIVARS FOR SOUTHERN OHIO, 2006

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This cultivar trial evaluated 9 cultivars for their suitability in southern Ohio.

### METHODS:

Seeds were planted June 15<sup>th</sup>. Plots Rows were 5 foot apart. Experimental design was randomized complete block with 3 replications. The field is located in southern Ohio, at the Ohio State University South Centers research and demonstration plots 100 units of N were applied prior to planting. A standard commercial fungicide and insecticide program following OSU Bulletin #672, The Vegetable Production Guide, was followed, on a 7-10 day schedule.

### RESULTS:

There was no effective of variety on pounds/acre or number of green fruit/acre. Mean number of green fruit/acre was 441. Mean pounds of green fruit/acre = 6052. There was a slight significant difference in average weight between Dependable (mean = 25.8) and 18 Karat Gold (mean = 8.7). All other varieties were intermediate between Dependable and 18 Karat Gold and were not different from each other. There was no effect of variety on orange fruit/acre (mean = 2194 orange fruit/acre). There was a slight significant effect variety on orange pounds/acre (Table 1).

Table 1. t-Tests for pounds of orange fruit per acre (Least Significant Difference = 16849\*).

t-Grouping	Mean	Variety
A	43782	Gold Medalion
A	42640	Dependable
A	38253	Magic Lantern
B	33332	20 Karat Gold
B	32295	Gold Challenger
B	28942	Gold Medal
B	27493	Gladiator
B	18306	18 Karat Gold

\*Means with the same letter are not significantly different