

Evaluation of Specialty Melon Cultivars for Southern Ohio, 2007

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This cultivar trial evaluated five specialty melon cultivars for their suitability in southern Ohio.

Methods

Seeds were planted April 23 in the greenhouse. Seedlings were transplanted to the field on June 7 using a waterwheel transplanter onto raised beds covered with black plastic mulch with trickle irrigation. Plot rows were 6 feet apart. The experimental design was a randomized complete block with three replications. One hundred units of N, P, and K were applied before forming beds and laying plastic mulch. A standard commercial fungicide and insecticide program was followed, following OSU Bulletin #672.

Results

There was a slight difference in the number of fruit per acre between 'Wrangler' and 'Diva' and 'Goddess.' 'Wrangler' produced an average of 16,825 fruit per acre, 'Diva' produced an average of 8,333 fruit per acre, and 'Goddess' produced the fewest fruit per acre, 1,522.

There was *no effect* of variety on pounds per acre of melon production.

Variety	Mean Weight (lbs.)	s.e.m.
Diva	9.0	0.0
Strike	5.9	0.6
Goddess	5.7	0.3
Sensation	5.0	0.3
Wrangler	4.0	0.2