

EVALUATION OF CUCUMBER CULTIVARS FOR SOUTHERN OHIO, 2003

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This cultivar trial evaluated 3 cultivars for their suitability in southern Ohio.

METHODS:

Cucumber seeds were planted on raised beds covered with black plastic mulch at the Ohio State University South Centers (Piketon, OH) on July 16, 2003. Soils are a Doles silt loam (fine-silty, mixed, mesic, Aeric Fragiaqualfs). Double rows were planted with 3 seeds per hole (24" on center). Within two weeks plants were thinned to one per hole for six plants per plot. Varieties were randomized within each block and there were four reps of each variety. Weeds were controlled between the beds with glyphosate and cultivation. Standard commercial recommendations were followed for insect and disease control. Harvest began on August 20 and final harvest was September 18, 2003.

RESULTS:

Plant health and fruit remained good through the season with average fruit set and yield across cultivars. Total marketable yield ranged from 4672 to 5559 24-count cartons/acre.

<u>Cultivar</u>	<u>Small</u>	<u>Large</u>	<u>Total</u>	<u>Marketable</u>	<u>Average</u>
	<u>(24 count cartons)</u>			<u>Fruit per Acre</u>	<u>Fruit Weight</u>
Intimidator	1135	3537	4672	122500	0.83
SX 2387 CW	1308	3758	5066	128000	0.85
SX 2389 CW	892	4666	5559	137000	0.89

DISCUSSION

There was no statistically significant difference among varieties. New varieties that show promise for the growers will be evaluated as they are identified.