

EVALUATION OF SUMMER SQUASH CULTIVARS FOR SOUTHERN OHIO – II. Piketon 2003

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Eight varieties of green zucchini, one golden zucchini, two yellow squash, a Mediterranean squash and a scallop squash were evaluated at the OSU South Centers.

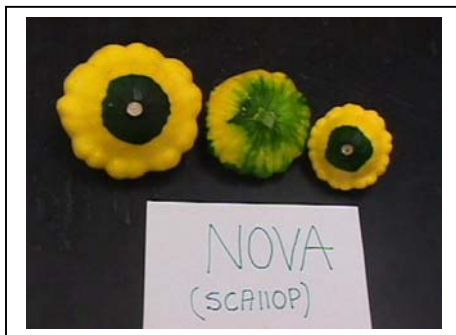
Methods

Squash seeds were planted on raised beds covered with black plastic mulch at the Ohio State University South Centers (Piketon, OH) on June 25, 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.

Results

This trial looked at yield of 8 different varieties of green zucchini squash and also had several other types of summer squash included for information only. Pictures and descriptions of the varieties are presented. Mean fruit weight was calculated and mean marketable fruit (lbs and boxes = ½ bushel carton) per acre were calculated. Harvest began August 14 and continued until September 3rd.

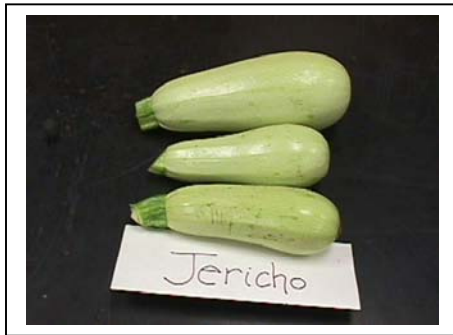
Scallop



Nova -A scallop-type summer squash having bicolor fruits. Fruits are intensely yellow and green, being completely green under some environmental conditions. Fruits have a long, narrow peduncle, small blossom scar, and long shelf life. As they had a deep-scallop shape they are ideal for stuffing. Plants are very small and recommended for high-density planting.

Mean marketable fruit (lbs) per acre was 24500, mean fruit weight was .10 lb and mean total boxes per acre was 480. Seed from Hazerra.

Mediterranean



Jericho - Excellent for stuffing, very uniform regular fruit, open plant,

Mean marketable fruit (lbs) per acre was 86000, mean fruit weight was .68 lb and mean total boxes per acre was 2802. Seed from Hazerra.

Yellow Squash



Fortune - Early-maturing, straightneck hybrid. Precocious gene allows for early harvest of bright yellow fruit for baby vegetable markets.

Mean marketable fruit (lbs) per acre was 86500, mean fruit weight was .36 lb and mean total boxes per acre was 1941. Seed from Rogers.



Precious II - Straightneck. New updated version Precious precocious yellow hybrid straightneck. Masks streaks in fruit which may be caused by virus. Attractive, marketable, bright yellow fruits on open plants.

Mean marketable fruit (lbs) per acre was 87000, mean fruit weight was .36 lb and mean total boxes per acre was 2042. Seed from Abbott & Cobb.

Yellow Zucchini



Goldie - High yield, a very compact plant, recommended for high density planting, easy harvest.

Mean marketable fruit (lbs) per acre was 44500, mean fruit weight was .42 lb and mean total boxes per acre was 2042. Seed from Hazera.

Zucchini



Barket - Recommended for high density planting, easy harvest. Small plant, very open, almost spineless. Shiny dark green fruit.

Mean marketable fruit (lbs) per acre was 27500, mean fruit weight was .29 lb and mean total boxes per acre was 532. Seed from Hazera.

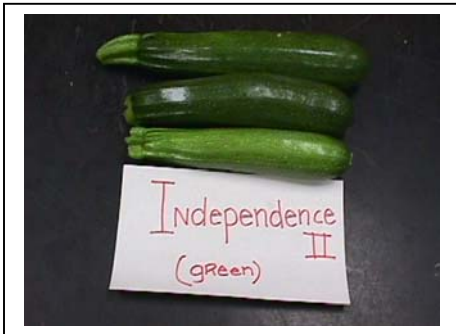


Cashflow – Slightly tapered, medium green fruit on a large, vigorous plant.

Mean marketable fruit (lbs) per acre was 96500, mean fruit weight was .53 lb and mean total boxes per acre was 2488. Seed from Rogers.



Dividend – Open upright very vigorous plant. Medium bush. Mean marketable fruit (lbs) per acre was 72000, mean fruit weight was .49 lb and mean total boxes per acre was 1709. Seed from Rogers.



Independence II – Hybrid with some virus resistance.

Mean marketable fruit (lbs) per acre was 53000, mean fruit weight was .50 lb and mean total boxes per acre was 1290. Seed from Rispens Seeds.



Payroll - Open.Upright. Reduced spines. Shows some powdery mildew tolerance.

Mean marketable fruit (lbs) per acre was 58500, mean fruit weight was .54 lb and mean total boxes per acre was 1528. Seed from Rogers.



Spineless Beauty - Open. Medium vigorous.
Spineless leaves & petioles

Mean marketable fruit (lbs) per acre was 67000, mean fruit weight was .33 lb and mean total boxes per acre was 1438. Seed from Rogers.

Agriset 843 – Open bush with reduced spines. Dark green, high gloss.

Mean marketable fruit (lbs) per acre was 52000, mean fruit weight was .58 lb and mean total boxes per acre was 1423. Seed from Rispens Seeds.

Revenue -A hybrid zucchini squash with multiple virus tolerance. For warmer, main season conditions.

Mean marketable fruit (lbs) per acre was 25500, mean fruit weight was .24 lb and mean total boxes per acre was 600. Seed from Rogers.

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