

Crop Yields for Vegetables and Small Fruits Grown on Raised Beds with Plastic Mulch and Drip Irrigation

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Ed. Note: The following article was recently published in the "Vegetable and Small Fruit Gazette", May 2002, Volume 6, No. 5, Penn State University. It can be accessed at the following website: <http://hortweb.cas.psu.edu/extension/veg crops/newsletterlist.html>

Use of raised beds with plastic mulch and drip irrigation for the production of vegetable and small fruit crops will result in higher crop yields and quality compared to bare ground culture. Yield as determined by variety, production system, environment, soil type and location will vary; the reason why a range of marketable yields are presented in the table below.

Crop	Marketable Yield
Cantaloupe, eastern type	5,000 - 7,000 fruit/A or 10 to 15T/a
Cantaloupe, western type	12,000 - 16,000 fruit/A
Cucumber, slicing (32 lb bu)	1,000 - 1,400 bu/A or 16 to 22 T/A
Bell pepper (32 lb bu)	1,200 - 1,800 bu/A or 18 to 28 T/A
Tomato, fresh market (25 lb carton)	2,200 - 2,800 box/A or 32 to 40 T/A
Summer squash (24 lb 5/9 bushel)	600 - 1,000 bu/A or 8 to 12T/A
Watermelon	2,500 - 5,500 fruit/A or 10 to 12T/A
Acorn squash (20 lb carton)	800 - 1,000 carton/A or 8 to 10 T/A
Butternut squash (40 lb carton)	900 - 1,200 carton/A or 18 to 24 T/A
Eggplant (22 lb carton)	900 - 1,300 carton/A or 10 to 14 T/A
Sweet Spanish onions (40 lb carton)	1,000 -1,400 cartons/A or 22 to 28 T/A
Pumpkin	28 - 32 T/A
Early sweet corn	1,200 - 1,600 doz./A
Strawberry	15,000 - 20,000 lbs/A

Originally printed in Virginia Vegetable, Small Fruit and Specialty Crops – May 2002.