EVALUATION OF WATERMELON CULTIVARS FOR SOUTHERN OHIO, 2008

Brad R. Bergefurd, Dr. Shawn Wright, Thom Harker,
Wayne Lewis, Al Welch, Lynn Miller
The Ohio State University South Centers
1864 Shyville Road, Piketon, Ohio 45661-9749
Phone: (740) 289-2071

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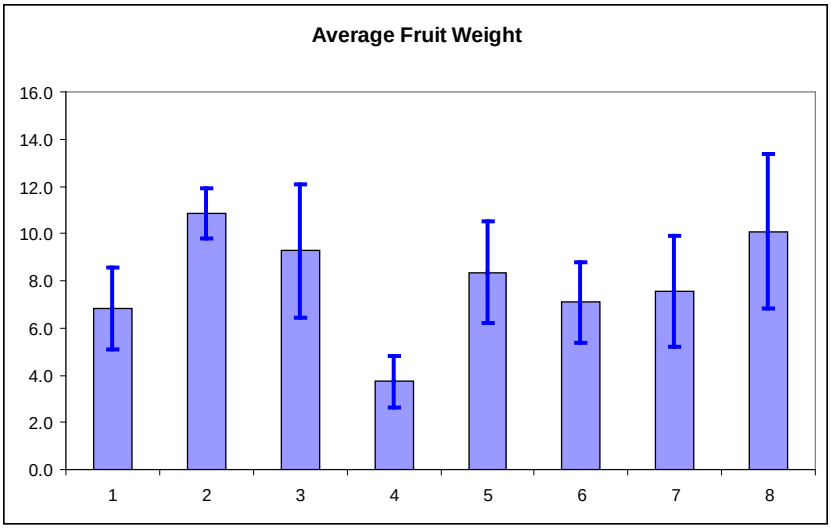
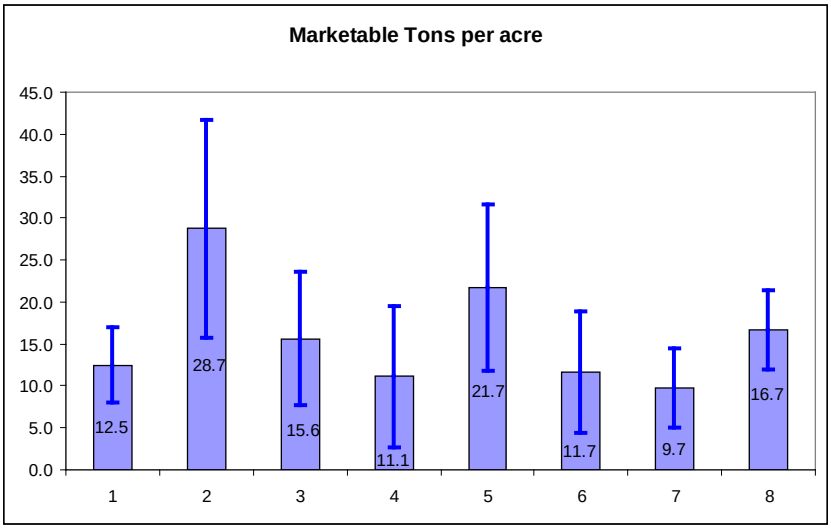
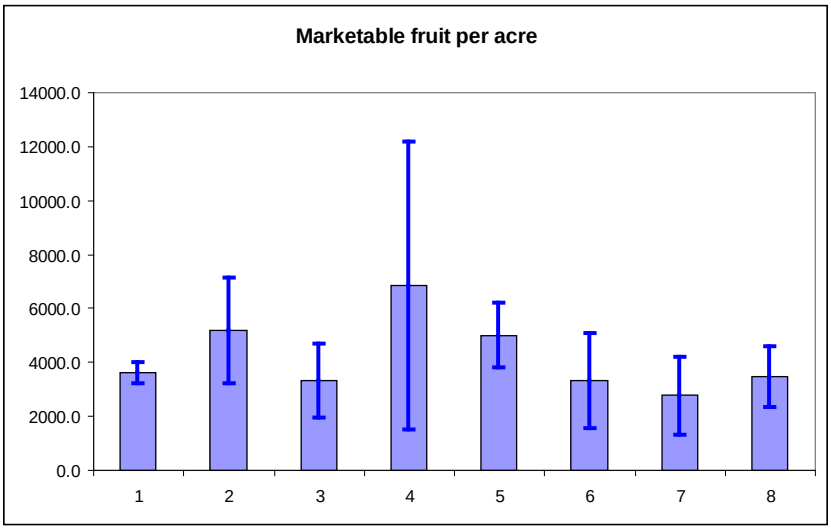
METHODS:
Seeds were planted July 3rd in the greenhouse. Seedlings were transplanted to the field on July 29th using a waterwheel transplanter onto raised beds covered with black plastic mulch with trickle irrigation. Plots rows were 6 foot apart. Experimental design was randomized complete block with 4replications. 100 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:
8 varieties were tested including HMX 4915, Crunchy Red, Tri X Brand 313, SP-4, Melody, AX 3022, Harmony and Lantha. There was no statistical difference among average fruit weight or marketable tons per acre. Planting of this trial was delayed to observe performance for a late season harvest window.

Treatment Number	Cultivar
1	HMX 4915
2	Crunchy Red
3	Tri X Brand 313
4	SP-4
5	Melody
6	AX 3022
7	Harmony
8	Lantha


Average Fruit Weight
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1
2
3
4
5
6
7
8


Marketable Tons per acre
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
12.5
28.7
15.6
11.1
21.7
11.7
9.7
16.7
1
2
3
4
5
6
7
8


Marketable fruit per acre
14000.0
12000.0
10000.0
8000.0
6000.0
4000.0
2000.0
0.0
1
2
3
4
5
6
7
8