

**1991 SEEDLESS WATERMELON TRIAL
(EXTENSION)
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Location: Research & Education Center, Georgetown

Objective: Evaluate seedless watermelon varieties under Delaware growing conditions.

Production Practices:

Plot Design:	1 row plots, non-replicated; planted on black mulch with trickle irrigation; 10 plants per variety; 3' spacing
Planting Date:	Greenhouse - April 5, 1991 Field - April 26, 1991
Population:	2420 plants/acre
Pollinator Variety:	Crimson Sweet
Fertilizer:	190 lbs/A N, 50 lbs/A P ₂ O ₅ , 180 lbs/A K ₂ O
Fungicide:	Bravo - 2 qts/A on a 7 day schedule
Harvest:	Dates: July 8, 11, 15, 18, 1991 The watermelons were picked as they would be picked commercially. Each watermelon was weighed and soluble solids were taken of each variety.

Results: See Table

Comments: Seventeen (17) varieties of seedless watermelons were evaluated. Laurel was the highest yielding variety in the trial at 6,534 lbs/A. This variety is round, resembles the seeded variety Crimson Sweet, and has good quality and color. Crimson Trio also resembles Crimson Sweet in appearance, yields well and has good color and quality. The oval shaped seedless watermelon Queen of Hearts has good size and shape, but resembles Jubilee in color. These 3 varieties have been recommended for planting on a trial basis as a result of 2 years of evaluation.

1991 SEEDLESS WATERMELONS

Variety	Total Melons	Melons/Acre	(lbs.)	(lbs.)	(lbs.)	% S.S.	Harvest Melons/Day			
			Avg. Wt.	Sm. Wt.	Lg. Wt.		7/8/91	7/11/91	7/15/91	7/18/91
1. Tiffany	23	5,566	15.93	9.75	21.75	11.0	5	7	5	6
2. S.S. 2532	20	4,840	16.61	8.50	25.00	11.0	4	4	4	8
3. NOVA	21	5,082	12.87	7.625	18.50	11.2	6	2	6	7
4. Scarlet Trio	19	4,598	15.24	7.125	22.00	10.0	4	2	7	6
5. Laurel	27	6,534	13.51	6.75	18.25	--	13	3	5	6
6. BB 119F1	17	4,114	13.02	7.25	16.50	11.4	9	4	2	2
7. SS 5344	22	5,324	13.91	9.50	22.00	10.0	9	4	3	6
8. SWM 8702	23	5,566	14.07	8.50	17.75	--	10	6	4	3
9. Crimson Trio	23	5,566	12.92	7.00	16.75	9.8	4	6	5	8
10. T.R. No1	19	4,598	12.11	7.75	17.125	10.6	5	1	5	8
11. BB120F1	24	5,808	15.10	11.00	19.375	10.2	5	4	6	9
12. SS 5244	17	4,114	16.49	11.50	20.875	9.2	5	3	2	7
13. NVH4256	22	5,324	15.09	9.75	19.875	11.6	7	2	4	9
14. TR NO.2	19	4,598	11.55	8.00	16.25	10.8	6	4	3	6
15. SS 5032	20	4,840	14.28	6.875	21.437	12.0	6	6	4	4
16. TR No.3	15	3,630	17.51	10.00	22.50	11.6	4	4	4	3
17. Queen of Hearts	18	4,356	13.10	8.875	18.125	11.6	4	4	4	6