

**1993 WATERMELON VARIETY TRIAL
(EXTENSION)
TRACY WOOTTEN AND ED KEE**

Location: Research & Education Center, Georgetown, DE

Objective: Evaluate new large, oblong, and blocky type watermelon varieties under Delaware conditions.

Production Practices:

Plot Design: 1 row plots, replicated, transplants in bare ground, 30 plants per variety, 3' x 8' spacing

Planting Dates: Greenhouse - April 29, 1993
Field - June 9, 1993

Population: 1815 plants/acre

Fertilizer: 1500 lbs of 10-10-10

Fungicide: Bravo - 2 pts/acre every 7 days

Harvest: Dates: August 5, 9, 17, 24, 1993
The watermelons were picked as they would be picked commercially. Each watermelon was weighed, and soluble solids were taken for each variety.

Comments:

Ten varieties of watermelons were evaluated. Starbrite was the highest yielder, noting that several of the highest yielding varieties were not significantly different than the leader. The variety Juliett had the highest average weight per melon. However, four other varieties were not significantly different from Juliett in average weight per melon. The 1992 growing season was a good one for watermelons in Delaware, and this was evident from the excellent color and appearance of the watermelons.

1993 WATERMELON VARIETY TRIAL

Variety	Co.	Yield		lbs				% S.S.	Harvest: Melons/Day			
		Total # Melons	# Melons/A	Avg. Wt.	Lg. Wt.	Sm. Wt.	CWT		8/5	8/9	8/17	8/24
Regency	1	29	1754.5 bc	23.33 ab	42.60	16.00	411.7 bc	10.2	3	2	16	8
SF610	2	26	1573.0 bc	21.96 ab	31.50	15.75	344.4 cd	10.3	0	0	11	15
Sangria	3	33	1996.5 bc	21.72 ab	39.00	13.63	438.5 abc	9.9	0	0	14	19
Royal Majesty	1	33	1996.5 bc	16.76 d	21.89	11.69	337.9 cd	10.0	1	1	17	14
Sultan	4	22	1331.0 c	18.67 cd	26.63	11.89	246.3 d	10.3	0	0	9	13
Fiesta	3	35	2117.5 ab	20.66 bc	33.44	6.13	431.2 abc	10.2	1	0	9	25
Royal Star	1	36	2178.0 ab	23.36 ab	34.75	11.63	507.4 ab	10.3	0	0	15	21
Juliatt	3	22	1331.0 c	23.81 a	29.50	17.69	316.2 cd	9.9	0	0	14	8
Starbrite	5	45	2722.5 a	20.92 bc	30.50	11.94	567.6 a	9.7	0	2	23	20
Allsweet	3	30	1815.0 bc	22.01 ab	33.38	14.50	402.0 bc	9.9	0	0	13	17
LSD .05			669.6	2.8	--	--	155.6	--				

Seed Companies:

- 1 - Petoseed
- 2 - Abbott & Cobb
- 3 - Rogers NK
- 4 - Harris Moran
- 5 - Asgrow