

**1990 SPECIALTY MELON TRIAL
(EXTENSION)
TRACY WOOTTEN AND ED KEE**

Location: Research & Education Center, Georgetown

Objective: To evaluate unique types of cantaloupes, which have increased in popularity here on Delmarva

Production Practices: Plot Design: 1 row plots, non-replicated; planted on black plastic mulch with trickle irrigation; 10 plants per variety; 3' spacing

Planting Date: Greenhouse - May 4, 1990
Field - May 31, 1990

Population: 2420 plants/acre

Fertilizer: 1071 lbs. 14-7-14/A

Fungicide: Dithane - 3 lbs/A on a 7 day schedule.

Harvest: Began - July 24, 1990
Ended - August 24, 1990
Melons were picked as they would be picked commercially. Each melon was weighed and soluble solids were taken of each variety.

Results: See Table

Comments: This trial compared Canary, Honeydew, Ananas, Galia, and other types of cantaloupes. Honeydew varieties "Honey Brew" and "Honey Cream" had good yield, quality, high percentage soluble solids, and averaged 10 lbs/melons. "Tania" and "Concorde" are Charantais type cantaloupes that are smaller in size, but have good color, sugar content, and yield. The variety "Miami" is a good green flesh type cantaloupe. It is a good yielder and had the highest sugar content in the trial. "Mila" (Galia type) "Antalya" (F1 Hybrid, orange flesh) and "Galia" (F1 Hybrid, green flesh) were good quality melons and yielders.

1990 SPECIALTY MELON TRIAL RESULTS

Tracy W. _____ and Ed Kee
Cooperative Extension

| <u>Variety</u> | <u>Type</u> | <u>Total Melons/A</u> | <u>Date of 1st Pick</u> | <u>Date of Last Pick</u> | <u>Peak Pick</u> | <u>Average Wt./lbs</u> | <u>Largest Wt./lbs</u> | <u>Smallest Wt./lbs</u> | <u>Average % Soluble Solids</u> | <u>Source</u> |
|----------------|----------------------|---------------------------|-----------------------------|------------------------------|----------------------|----------------------------|----------------------------|-----------------------------|-------------------------------------|---------------|
| ACR 90M020 | Netted, Salmon flesh | 4356 | 7-24-90 | 8-20-90 | 7-24-90 | 4.95 | 7.69 | 1.63 | 10.8 | Abbott & Cobb |
| ACX 90M021 | Galia | 4114 | 7-30-90 | 8-6-90 | 7-31-90 | 3.45 | 4.81 | 2.13 | 11.7 | Abbott & Cobb |
| Amur | Japanese Green flesh | 2904 | 7-27-90 | 8-20-90 | 8-20-90 | 3.75 | 4.63 | 2.69 | 12.3 | Agway |
| Antalya | F1 Hybrid | 5304 | 7-27-90 | 8-20-90 | 7-31-90 | 3.69 | 6.44 | 2.13 | 12.7 | Bakker Bros. |
| Barada | Ananas | 2178 | 8-9-90 | 8-24-90 | 8-13-90 | 5.37 | 7.38 | 2.50 | 9.3 | Asgrow |
| Concorde | Charantais | 4356 | 7-30-90 | 8-20-90 | 8-3-90 | 2.42 | 3.50 | 1.50 | 14.8 | Asgrow |
| Dorado | Hybrid Canary | 1694 | 7-30-90 | 8-13-90 | 8-13-90 | 2.79 | 3.25 | 2.00 | 14.4 | Petoseed |
| Galia | F1 Hybrid | 4114 | 7-31-90 | 8-24-90 | 8-6-90 | 4.62 | 7.75 | 1.75 | 10.1 | Bakker Bros. |
| HMX 5609 | Hybrid Honeydew | 4598 | 8-6-90 | 8-24-90 | 8-13-90 | 6.58 | 8.31 | 4.50 | 14.6 | Harris Moran |
| HMX 6598 | Hybrid Ananas | 4356 | 7-30-90 | 8-24-90 | 8-6-90 | 4.14 | 8.75 | 2.1875 | 11.7 | Harris Moran |
| HMX 7603 | Hybrid Honeydew | 5566 | 8-6-90 | 8-24-90 | 8-24-90 | 6.07 | 7.81 | 3.38 | 15.0 | Harris Moran |
| HMX 9603 | Hybrid Galia | 3872 | 7-30-90 | 8-24-90 | 8-6-90 | 4.46 | 6.69 | 2.13 | 11.1 | Harris Moran |
| Honey Brew | Honeydew | 3872 | 8-6-90 | 8-24-90 | 8-24-90 | 7.13 | 10.25 | 4.63 | 15.2 | Sakata |
| Honey Cream | Hybrid Honeydew | 3146 | 8-9-90 | 8-24-90 | 8-24-90 | 7.03 | 10.44 | 3.94 | 14.8 | Petoseed |
| HY-3 | Canary | 1452 | 8-13-90 | 8-24-90 | 8-13-90 | 7.03 | 9.31 | 3.69 | 8.8 | Sakata |
| Legend | Saticoy | 4114 | 7-30-90 | 8-9-90 | 8-6-90 | 5.39 | 8.00 | 2.56 | 10.5 | Asgrow |
| Miami | Green flesh | 4840 | 8-6-90 | 8-20-90 | 8-13-90 | 3.60 | 7.00 | 1.44 | 15.7 | Johnny's Seed |
| Mila | Galia | 4114 | 7-24-90 | 8-24-90 | 7-31-90 | 4.26 | 9.63 | 1.88 | 11.2 | Agway |
| Nun 7006 | LSL Cantaloupe | 2904 | 8-6-90 | 8-24-90 | 8-13-90 | 4.93 | 7.07 | 3.13 | 13.4 | Canner's Seed |
| Panchito | Charantais | 3630 | 7-31-90 | 8-9-90 | 8-6-90 | 3.02 | 4.25 | 1.75 | 12.5 | Johnny's Seed |
| Pandor | Jaune Canari | 1452 | 8-9-90 | 8-9-90 | 8-9-90 | 6.58 | 8.31 | 3.31 | 12.5 | Canner's Seed |
| PER 88122 | Hybrid Galia | 4356 | 7-27-90 | 8-24-90 | 7-31-90 | 2.80 | 5.75 | 1.31 | 11.0 | Petoseed |
| SME 8501 | Crenshaw | 1815 | 8-6-90 | 8-24-90 | 8-9-90 | 8.02 | 10.50 | 5.94 | 14.3 | Sakata |
| Tania | Charantais | 4356 | 8-6-90 | 8-24-90 | 8-9-90 | 4.40 | 6.81 | 2.63 | 12.8 | Asgrow |
| Tenerife | Hybrid Juan Canary | 968 | 8-6-90 | 8-9-90 | 8-6-90 | 7.06 | 10.19 | 2.56 | -0- | Harris Moran |
| Volga | Japanese Green flesh | 1452 | 8-20-90 | 8-24-90 | 8-20-90 | 2.42 | 3.88 | 1.50 | 12.15 | Sakata |
| Zima | Piel de Sapo | 3146 | 8-6-90 | 8-24-90 | 8-9-90 | 5.82 | 7.88 | 2.00 | 11.1 | Asgrow |

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