

**1989 SPECIALTY MELON TRIAL
(EXTENSION)
TRACY WOOTTEN AND ED KEE**

Location: Bill O'Day, Seaford, DE

Objective: Evaluate unique types of cantaloupes, which have increased in popularity here on Delmarva.

Procedures:

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

Planting Date: Greenhouse - April 25, 1989
Field - May 19, 1989

Population: 2420 plants/acre

Fertilizer: 100 lbs. N,P/A
200 lbs. Potash/A
60 lbs. N through trickle irrigation

Fungicide: Bravo - 1 qt/A
7 day schedule; except 2 weeks when they were
sprayed twice.

Harvest: Began - July 18, 1989
Ended - August 8, 1989
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, Ananas, Gold King,
and other types of cantaloupes. The Honeydew
variety "Honeymoon" seemed very promising. It
had high yield and the highest sugar content in
the trial. The variety "Tenerife" is a good
canary variety. It has good size, yield, and
quality. "Marygold", a casaba variety, is a
smaller melon that is very prolific, (2nd in yield)
good quality, and taste.

1989 SPECIALITY MELON DATA

VARIETY	DATE OF 1ST PICK	DATE OF LAST PICK	PEAK PICK	TYPE
GOLD KING	7/18/89	7/28/89	7/24	CANARY
ACX89MOO2	7/18/89	7/28/89	7/24	HONEYDEW
AMUR	7/18/89	7/26/89	7/24	NETTED JAPANESE HONEYDEW
CONCORDE	7/18/89	8/4/89	7/21	NETTED CHARATAIS
HONEYMOON	7/18/89	7/26/89	7/24	HONEYDEW
MILA	7/18/89	7/26/89	7/21	NETTED EUROPEAN HONEYDEW
GALLICUM	7/18/89	7/26/89	7/21	MID- EASTERN GALLIA
HONEYSHAW	7/24/89	7/28/89	7/24	CRENSHAW
ACX89MOO1	7/18/89	7/26/89	7/24	YELLOW CANARY
SR52688	7/18/89	8/1/89	7/24	HONEYDEW
MARYGOLD	7/18/89	8/8/89	7/24	CASABA
TENERIFE	7/18/89	8/8/89	7/26	CANARY
HMX 5609	7/18/89	8/1/89	7/24	HONEYDEW
SUNRE 7035	7/18/89	8/8/89	7/24	CANARY
HMX 6598	7/24/89	8/4/89	7/26	ANANAS
ZIMA	7/18/89	8/1/89	7/26	PIEL de SAPOT ROCHET
HMX 7608	7/18/89	8/8/89	7/26	NETTED HONEYDEW
PSX 1087	7/18/89	8/4/89	7/26	GOLD KING

1989 SPECIALITY MELON DATA

VARIETY	TOTAL MELONS /PLOT	MELONS /ACRE	AVERAGE WEIGHT lbs.	LARGEST WEIGHT lbs.	SMALLEST WEIGHT lbs.	AVERAGE SOLUBLE SOLIDS
GOLD KING	15	3630	5.43	8.38	1.38	9.00
ACX89MOO2	22	5324	6.78	8.25	4.75	11.64
AMUR	39	9438	3.53	5.75	2.00	12.73
CONCORDE	26	6292	3.04	3.86	1.25	13.18
HONEYMOON	20	4840	5.89	7.63	4.13	15.40
MILA	12	2904	3.40	4.25	1.94	10.27
GALLICUM	16	3872	4.31	7.38	3.63	9.79
HONEYSHAW	17	4114	8.62	13.38	5.00	8.80
ACX89MOO1	18	4356	5.61	9.00	3.75	12.00
SR52688	16	3872	6.10	8.63	4.75	13.62
MARYGOLD	30	7260	3.38	4.75	2.31	12.33
TENERIFE	16	3872	7.29	9.38	4.13	10.13
HMX 5609	12	2904	8.76	12.00	6.63	12.55
SUNRE 7035	17	4114	6.56	8.75	4.31	12.00
HMX 6598	22	5324	6.09	9.13	2.50	10.88
ZIMA	17	4114	9.04	11.56	6.50	10.88
HMX 7608	24	5808	6.63	8.94	4.75	11.00
PSX 1087	16	3872	7.52	8.50	5.86	12.00

THE FOLLOWING HAD MARKETABLE MELONS AFTER THE LAST HARVEST:

PROJECTED :	TOTAL MELONS /PLOT	MELONS /ACRE
TENERIFE - 8 MELONS	24	5808
PSX 1087 - 7 MELONS	23	5566
ZIMA - 4 MELONS	21	5082
HMX 5609 - 4 MELONS	16	3872
ACX89MOO1 - 3 MELONS	21	5082

**1989 Specialty Melon Trial Data
Number of Melons Per Day**

	<u>7/18</u>	<u>7/21</u>	<u>7/24</u>	<u>7/26</u>	<u>7/28</u>	<u>8/1</u>	<u>8/4</u>	<u>8/8</u>	<u>TOTAL</u>
Mila	1	7	0	4	0	0	0	0	12
Amur	0	0	28	11	0	0	0	0	39
Honeymoon	1	0	13	6	0	0	0	0	20
ACX 89M002	1	0	18	2	1	0	0	0	22
ACX 89MOO1	1	0	9	8	0	0	0	0	18
HMX 7608	1	0	0	12	8	0	1	2	24
HMX 5609	1	0	7	1	1	2	0	0	12
HMX 6598	0	0	5	8	5	2	2	0	22
Gallicum	4	10	1	1	0	0	0	0	16
Gold King	4	0	10	0	1	0	0	0	15
PSX 1087	1	0	0	12	1	1	1	0	16
Concorde	2	19	4	0	0	0	1	0	26
Zima	1	0	0	10	4	2	0	0	17
Honeyshaw	0	0	9	6	2	0	0	0	17
Sunre 7035	1	0	4	3	7	1	0	1	17
Tenerife	1	0	0	5	4	2	1	3	16
SR 52688	1	0	14	0	0	1	0	0	16
Marygold	1	0	13	3	1	0	2	10	30