

UNIVERSITY OF DELAWARE



**MUSKMELON
VARIETY TRIAL RESULTS
2009**

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2009 University of Delaware Muskmelon Variety Trial

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Introduction

The 2009 Muskmelon Variety Trial included 22 varieties from four participating companies. The purpose of this trial is to evaluate Muskmelon varieties for yield, quality and maturity.

Materials and Methods

Location

Field 32A at the University of Delaware Research and Education Center Farm, Georgetown, DE.

Cultural Practices

Field was fertilized according to soil test results. Beds were shaped and black plastic mulch and trickle irrigation were laid on 7' centers.

There were 22 entries in the trial this year. Plants were originally seeded in the greenhouse on April 14, 2009 and transplanted to the field on May 12, 2009. However the entire field was replanted due to [damage caused by a lightning strike on May 31](#). The transplants for the replant were seeded in the greenhouse on June 9, 2009 and planted in the field on July 1, 2009. Field plots were one row (7 ft) wide and 30 ft. long. Plots were arranged in a randomized complete block design with three replications. In-row spacing was 2' or 15 plants per plot.

An application of Gramoxone 2 pt/A + Sandea 0.6 oz/A + Strategy 3 pt/A + Curbit 0.5 pt/A was made with a hooded sprayer on June 29, 2009, just before the field was replanted. Applications for disease and insect control were as follows: Bravo at 3 pt/A on 7-17, 7-25, 7-31, 8-7, 8-14, 8-22, 9-1, and 9-11; Previcur Flex at 1.2 pt/A on 8-14 and 9-1; Pristine at 18 oz/A on 7-25; Ranman at 2.75 oz/A on 7-31 and 8-22; Tanos at 8 oz/A on 8-7 and 9-11; Asana at 9.6 oz/A on 8-14; Oberon 8 oz/A on 9-11.

Harvest

Melons were harvested on ten dates: 8-17, 8-21, 8-24, 8-27, 9-1, 9-4, 9-8, 9-11, 9-14 and 9-18. The weight of each melon harvested was recorded individually. Five melons from each plot were cut and evaluated for soluble solids levels and the diameter and flesh thickness of the cut melon was measured. Soluble solids were measured using a hand-held refractometer and diameter and flesh thickness were measured with a metric ruler.

Results

Yields of each variety in lbs/A are reported in Table 1 and yields in melons/A are reported in Table 2. Yields were on the low side of average for most of the varieties in the trial, probably largely because of the (unintended) late transplant date. There were significant differences in yields among the varieties as measured in both lbs/A and melons/A. High yielding varieties in

terms of both lbs/A and melons/A included ‘Orange Sherbet’, ‘Halona’, ‘Minerva’, ‘Atlantis’, and ‘Strike’. The lowest yielding varieties in the trial were Riviera Sweet and Caribbean Gold. The yields of Riviera Sweet were substantially reduced because this variety was extremely prone to cracking. Caribbean Gold is a very late producing variety and its yields may have been more acceptable if planted earlier.

Table 3 lists the varieties according to average melon weight and gives the percentage of melons in each of seven weight classes: < 2 lbs, 2-4 lbs, 4-6 lbs, 6-8 lbs, 8-10 lbs, 10-12 lbs and >12 lbs. Chart 1 is a graphical representation of Table 3 and is useful for comparing varieties in terms of fruit weight variability. For example, 1136 had an average fruit weight of 9.0 lbs, but the largest number of melons of this variety was in the 6-8 lb class and 14% were over 12 lbs. Other varieties were much less variable in size. For example, Dacona had an average fruit weight of 4.9 and 64% of the melons it produced were in the 4-6 lb class.

Table 4 reports the percent of total melons harvested on each of ten harvest dates. Goddess was the earliest variety and was harvested beginning 47 days after transplanting (DAT). Other early varieties include Halona, Home Run, Riviera Sweet, and Athena. Most of the varieties had their peak harvests at 62 DAT. Jaipur, Diva, 1032 and Orange Sherbet began ripening melons later than the other varieties but still had peak harvests around 62 to 65 DAT. Caribbean Gold was much later than the other varieties and did not begin producing until 72 DAT.

Table 5 lists the varieties according to their soluble solid measurements. Soluble solids averages are based on a 15-melon sample (5 melons per replication). There were significant differences in soluble solids among the varieties. U.S. Fancy Grade muskmelons must have soluble solids measurement of 11% or higher and U.S. No. 1 Grade muskmelons must have soluble solids measurement of 9% or higher. The vast majority of the varieties in the trial had soluble solids measurements over 9%. However, only a few varieties consistently had soluble solids of 11% or above. Soluble solids were quite variable for some of the varieties and were probably negatively affected overall by the cool, cloudy and wet weather at the end of August and beginning of September.

Varieties are listed by melon diameter in Table 6 and by flesh thickness in Table 7. Varieties are listed according to seed cavity size as a % of diameter in Table 8.

Photographs of the varieties included in the trial are in Appendix A.

Acknowledgements

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Brian Hearn and the REC Farm Crew for help with field operations.

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Table 1. 2009 Muskmelon Variety Trial: Varieties by Yield in Lbs/A

Variety	Yield (lbs/A)	Average Melon Weight (lbs)	Submitting Company
Minerva	37489 a	7.8	check
Orange Sherbet	35290 ab	7.1	Seedway
Grand Slam	32432 abc	6.8	Siegers
1136	30588 abc	9.0	Siegers
Halona	30500 abc	4.9	check
1029	30300 abc	7.6	Siegers
Atlantis	29826 abcd	6.2	Siegers
Strike	29454 abcd	5.9	Seedway
Athena	28865 abcd	6.2	Syngenta
Superstar	28369 abcd	6.6	Harris Moran
Diva	27970 abcd	7.0	Harris Moran
Ariel	27627 abcd	6.2	Syngenta
Eclipse	27343 bcd	6.7	check
Aphrodite	26181 bcde	7.9	Syngenta
Jaipur	26132 bcde	5.8	check
Dacona	24797 cde	4.9	Siegers
1032	23558 cdef	5.9	Siegers
Home Run	23300 cdef	5.4	Siegers
Primo	20051 def	5.1	check
Goddess	16538 efg	4.7	check
Caribbean Gold	14465 fg	5.3	Siegers
Riviera Sweet	9422 g	2.8	Harris Moran
<i>p-value</i>	0.0002		
LSD	9986.7		

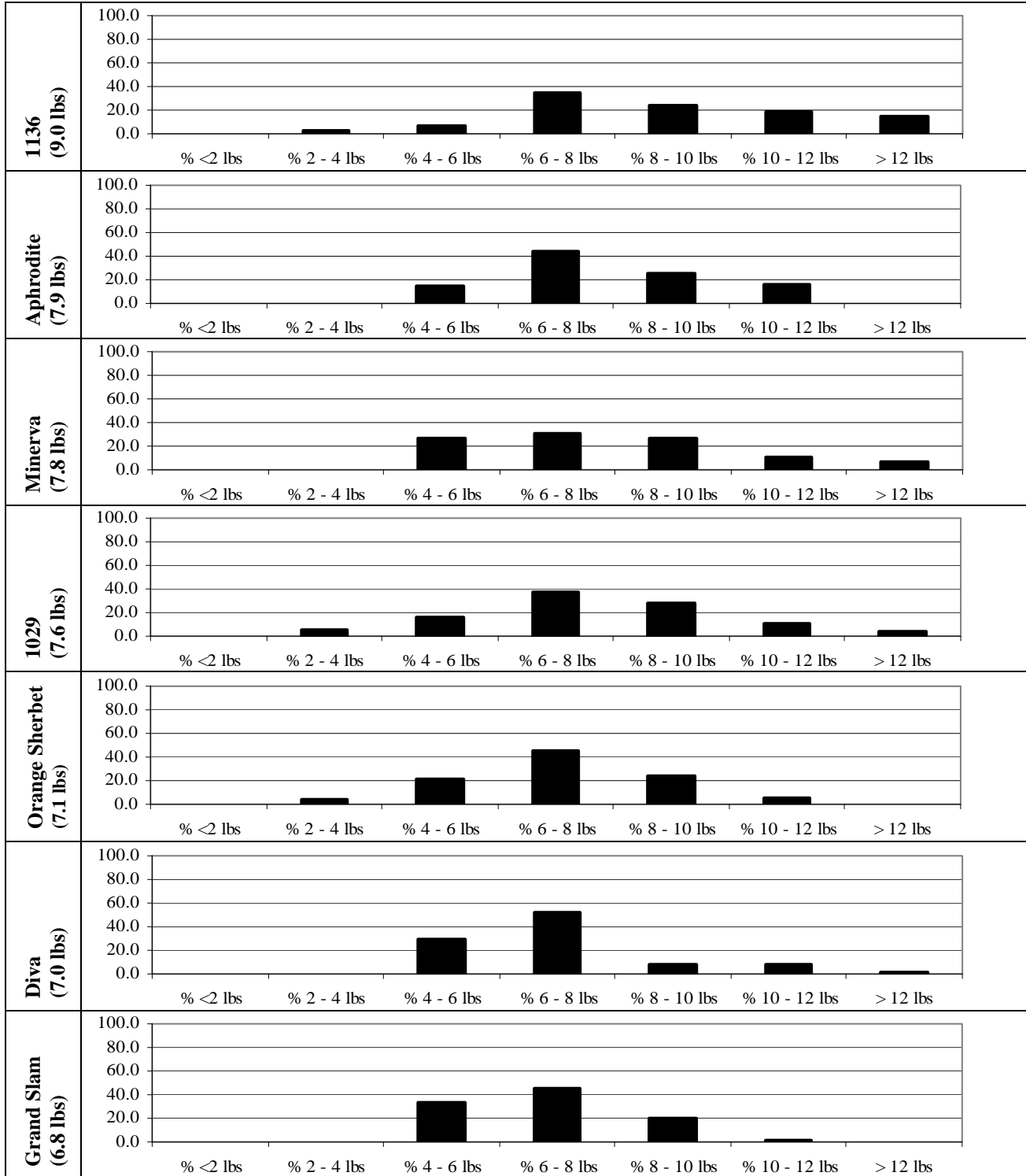
Table 2. 2009 Muskmelon Variety Trial: Varieties by Yield in Melons/A

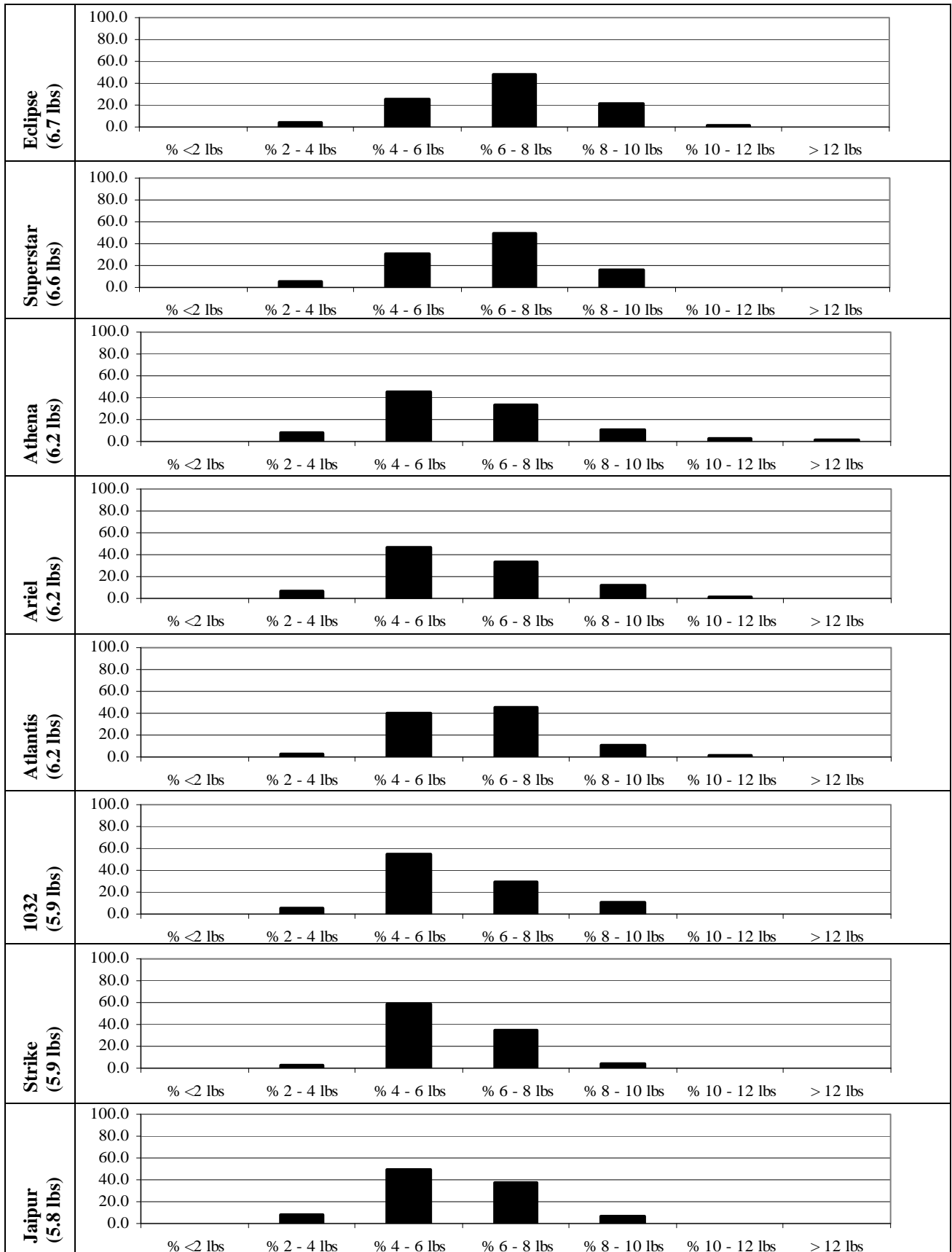
Variety	Yield (melons/A)	Average Melon Weight (lbs)	Submitting Company
Halona	6154 a	4.9	check
Dacona	4978 ab	4.9	Siegers
Strike	4978 ab	5.9	Seedway
Orange Sherbet	4909 ab	7.1	Seedway
Grand Slam	4771 abc	6.8	Siegers
Atlantis	4771 abc	6.2	Siegers
Minerva	4771 abc	7.8	check
Athena	4633 bcd	6.2	Syngenta
Jaipur	4494 bcde	5.8	check
Ariel	4425 bcde	6.2	Syngenta
Superstar	4356 bcde	6.6	Harris Moran
Home Run	4287 bcde	5.4	Siegers
Diva	4011 bcdef	7.0	Harris Moran
Eclipse	4011 bcdef	6.7	check
1032	3941 bcdef	5.9	Siegers
1029	3941 bcdef	7.6	Siegers
Primo	3941 bcdef	5.1	check
Goddess	3457 cdef	4.7	check
1136	3388 cdef	9.0	Siegers
Aphrodite	3319 def	7.9	Syngenta
Riviera Sweet	3181 ef	2.8	Harris Moran
Caribbean Gold	2697 f	5.3	Siegers
<i>p-value</i>	0.0057		
LSD	1386.5		

Table 3. 2009 Muskmelon Variety Trial: Varieties by Average Melon Weight

Variety	Mean Weight (lbs)	Percent of Melons in Each Size Class						
		< 2.00 lbs	2.00-4.00 lbs	4.01-6.00 lbs	6.01-8.00 lbs	8.01-10.00 lbs	10.01-12.00 lbs	>12.00 lbs
1136	9.0	0.0	2.0	6.1	34.7	24.5	18.4	14.3
Aphrodite	7.9	0.0	0.0	14.6	43.8	25.0	16.7	0.0
Minerva	7.8	0.0	0.0	26.1	30.4	26.1	10.1	7.2
1029	7.6	0.0	5.3	15.8	36.8	28.1	10.5	3.5
Orange Sherbet	7.1	0.0	4.2	21.1	45.1	23.9	5.6	0.0
Diva	7.0	0.0	0.0	29.3	51.7	8.6	8.6	1.7
Grand Slam	6.8	0.0	0.0	33.3	44.9	20.3	1.4	0.0
Eclipse	6.7	0.0	3.4	25.9	48.3	20.7	1.7	0.0
Superstar	6.6	0.0	4.8	30.2	49.2	15.9	0.0	0.0
Athena	6.2	0.0	7.5	44.8	32.8	10.4	3.0	1.5
Ariel	6.2	0.0	6.3	46.9	32.8	12.5	1.6	0.0
Atlantis	6.2	0.0	2.9	40.6	44.9	10.1	1.4	0.0
1032	5.9	0.0	5.3	54.4	29.8	10.5	0.0	0.0
Strike	5.9	0.0	2.8	58.3	34.7	4.2	0.0	0.0
Jaipur	5.8	0.0	7.7	49.2	36.9	6.2	0.0	0.0
Home Run	5.4	0.0	12.9	59.7	24.2	3.2	0.0	0.0
Caribbean Gold	5.3	0.0	5.1	71.8	23.1	0.0	0.0	0.0
Primo	5.1	0.0	21.1	54.4	21.1	3.5	0.0	0.0
Dacona	4.9	0.0	16.7	63.9	19.4	0.0	0.0	0.0
Halona	4.9	0.0	29.2	48.3	18.0	4.5	0.0	0.0
Goddess	4.7	2.0	38.0	40.0	12.0	4.0	2.0	2.0
Riviera Sweet	2.8	2.2	93.5	4.3	0.0	0.0	0.0	0.0

Chart 1. 2009 Muskmelon Variety Trial: Varieties by Average Melon Weight (lbs) and Size Class Distribution





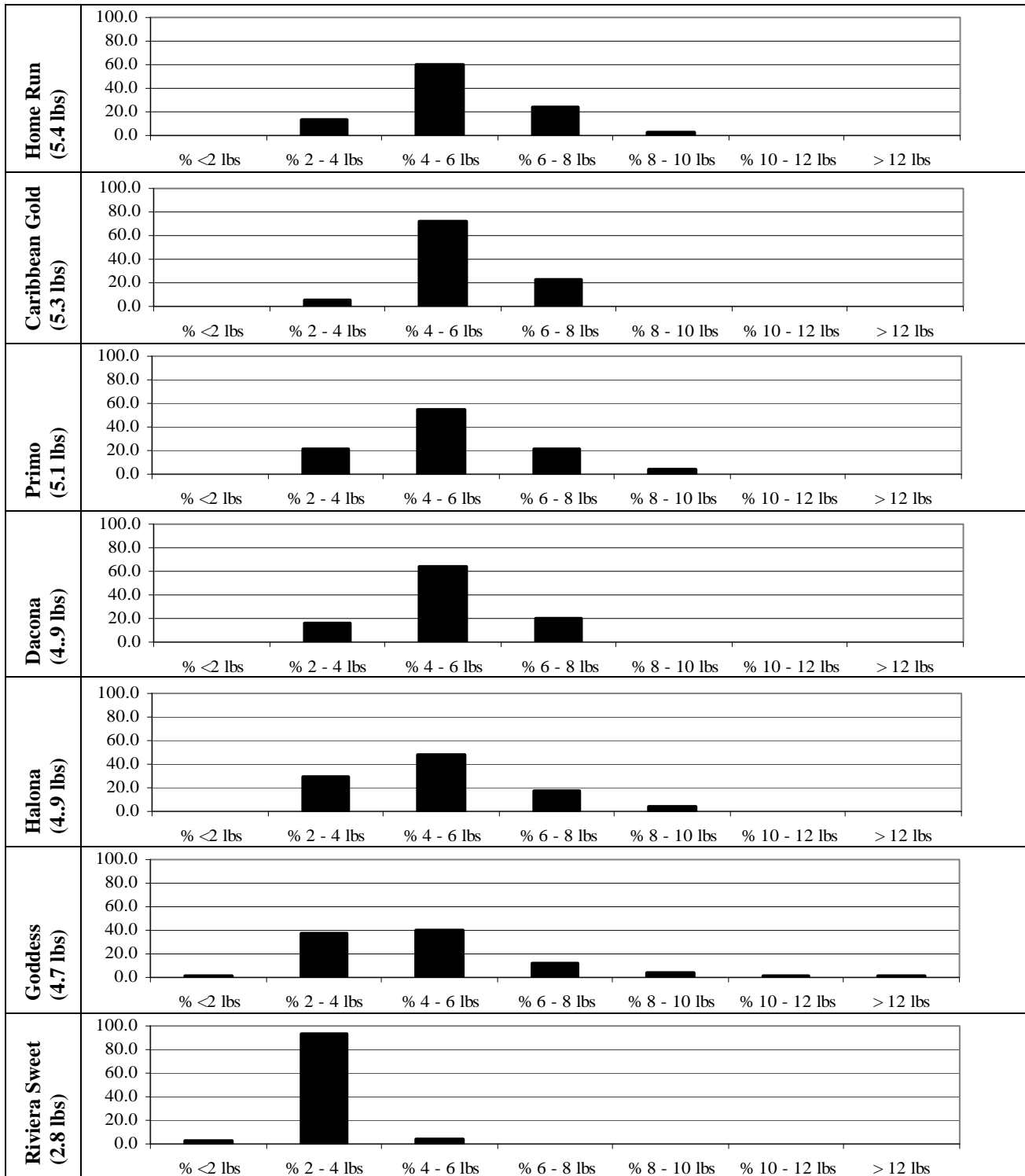


Table 4. 2009 Muskmelon Variety Trial: Percent of Total Melons Harvested on Each Harvest Date

Variety	Percent of Total Melons Harvested on Each Harvest Date									
	17-Aug	21-Aug	24-Aug	27-Aug	1-Sep	4-Sep	8-Sep	11-Sep	14-Sep	18-Sep
	47*	51	54	57	62	65	69	72	75	79
Goddess	62.0	16.0	12.0	4.0			6.0			
Halona	16.9	10.1	22.5	10.1	18.0	7.9	4.5	9.0	1.1	
Home Run		22.6	14.5	22.6	21.0	11.3	1.6	3.2	3.2	
Riviera Sweet		21.7	2.2	6.5	10.9	17.4	8.7	10.9	21.7	
Athena		13.4	13.4	10.4	37.3	16.4	3.0	3.0		3.0
Strike		8.3	11.1	11.1	40.3	18.1	8.3	2.8		
1029		5.3	12.3	15.8	36.8	24.6	5.3			
1136		4.1	10.2	2.0	28.6	30.6	14.3	6.1	4.1	
Primo		1.8	19.3	10.5	56.1	8.8			3.5	
Superstar		1.6	11.1	44.4	38.1	4.8				
Ariel		1.6	9.4	6.3	53.1	25.0	4.7			
Aphrodite			14.6	12.5	31.3	29.2	10.4	2.1		
Grand Slam			11.6	13.0	49.3	21.7	4.3			
Minerva			11.6	5.8	10.1	23.2	34.8	8.7	5.8	
Dacona			5.6	4.2	18.0	23.6	30.6	5.6	12.5	
Eclipse			1.7	17.2	36.2	22.4	15.5	5.2	1.7	
Atlantis			1.4	8.7	43.5	33.3	8.7	1.4	2.9	
Jaipur				6.2	18.5	33.8	18.5	4.6	18.5	
Diva				1.7	13.8	29.3	36.2	13.8	5.2	
1032					38.6	40.4	15.8	5.3		
Orange Sherbet					35.2	47.9	14.1	2.8		
Caribbean Gold								28.2	48.7	23.1

*Days After Transplanting

Table 5. 2009 Muskmelon Variety Trial: Varieties by Soluble Solid Content

Variety	% Soluble Solids
Riviera Sweet	14.4 a
Caribbean Gold	13.3 b
Goddess	11.3 c
Minerva	11.2 cd
1032	10.7 cde
Grand Slam	10.6 cdef
Athena	10.6 cdef
Orange Sherbet	10.6 cdef
Aphrodite	10.5 cdefg
Primo	10.4 cdefg
Jaipur	10.4 cdefg
Dacona	10.3 defg
Halona	10.1 efgh
Eclipse	10.1 efghi
Atlantis	9.8 efghi
Home Run	9.7 fghi
1136	9.7 fghi
Strike	9.6 ghi
Ariel	9.2 hi
Diva	9.1 i
1029	8.0 j
Superstar	7.4 j
p-value	<0.0001
LSD	0.99

Table 6. 2009 Muskmelon Variety Trial: Varieties by Melon Diameter in Centimeters

Variety	Melon Diameter (cm)
1136	18.8 a
Aphrodite	18.5 ab
Minerva	18.3 abc
Eclipse	17.5 bcd
Superstar	17.3 cd
Orange Sherbet	17.3 de
Grand Slam	17.0 de
Ariel	17.0 de
Diva	16.9 de
1029	16.6 def
1032	16.6 def
Atlantis	16.3 efg
Jaipur	15.8 fgh
Caribbean Gold	15.4 ghi
Dacona	15.3 ghi
Primo	15.2 hi
Athena	15.1 hij
Halona	14.8 hij
Home Run	14.5 ijk
Strike	14.2 jk
Goddess	13.6 k
Riviera Sweet	12.0 l
p-value	<0.0001
LSD	1.0179

Table 7. 2009 Muskmelon Variety Trial: Varieties by Flesh Thickness in Centimeters

Variety	Flesh Thickness (cm)
Grand Slam	5.1 a
1136	5.0 ab
1032	4.9 abc
Eclipse	4.9 abc
Aphrodite	4.8 abcd
Orange Sherbet	4.8 abcd
Atlantis	4.7 abcde
Superstar	4.7 abcde
Ariel	4.6 bcde
Caribbean Gold	4.6 bcde
Jaipur	4.5 cde
Primo	4.5 cde
Diva	4.5 cde
Minerva	4.5 cde
1029	4.5 cde
Dacona	4.4 def
Halona	4.3 efg
Strike	3.9 fgh
Home Run	3.9 gh
Athena	3.9 gh
Goddess	3.7 hi
Riviera Sweet	3.2 i
p-value	<0.0001
LSD	0.4834

Table 8. 2009 Muskmelon Variety Trial: Varieties by Cavity Size as a Percent of Diameter

Variety	Cavity Size as a % of Diameter
Minerva	51 a
Athena	49 ab
Aphrodite	48 ab
Riviera Sweet	47 abc
Diva	47 abcd
Home Run	47 abcd
1136	47 abcd
Goddess	46 abcd
1029	46 abcd
Superstar	46 abcd
Ariel	46 bcde
Strike	45 bcdef
Eclipse	45 bcdef
Orange Sherbet	44 bcdefg
Dacona	43 cdefg
Jaipur	43 cdefg
Halona	42 cdefg
Atlantis	42 defg
1032	41 efg
Caribbean Gold	41 fg
Primo	40 fg
Grand Slam	40 g
p-value	<0.0001
LSD	4.9396

APPENDIX A:

Photographs of Varieties in the 2009 Muskmelon Variety Trial

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*



1136

Yield

30,588 lbs/A (4)

3,388 melons/A (19)

Mean Weight: 9.0 lbs (1)

Soluble Solids: 9.7% (16)

First Harvest: 51 DAT

Siegers



Aphrodite

Yield

26,181 lbs/A (14)

3,319 melons/A (20)

Mean Weight: 7.9 lbs (2)

Soluble Solids: 10.5% (9)

First Harvest: 54 DAT

Syngenta



Minerva

Yield

37,489 lbs/A (1)

4,771 melons/A (5)

Mean Weight: 7.8 lbs (3)




Soluble Solids: 11.2% (4)

First Harvest: 54 DAT

check




*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

	<p>1029</p> <p>Yield 30,300 lbs/A (6) 3,941 melons/A (16)</p> <p>Mean Weight: 7.6 lbs (4) Soluble Solids: 8.0% (21) First Harvest: 51 DAT</p> <p>Siegers</p>
	<p>Orange Sherbet</p> <p>Yield 35,290 lbs/A (2) 4,909 melons/A (4)</p> <p>Mean Weight: 7.1 lbs (5) Soluble Solids: 10.6% (6) First Harvest: 62 DAT</p> <p>Seedway</p>
	<p>Diva</p> <p>Yield 27,970 lbs/A (11) 4,011 melons/A (13)</p> <p>Mean Weight: 7.0 lbs (6) Soluble Solids: 9.1% (20) First Harvest: 57 DAT</p> <p>Harris Moran</p>

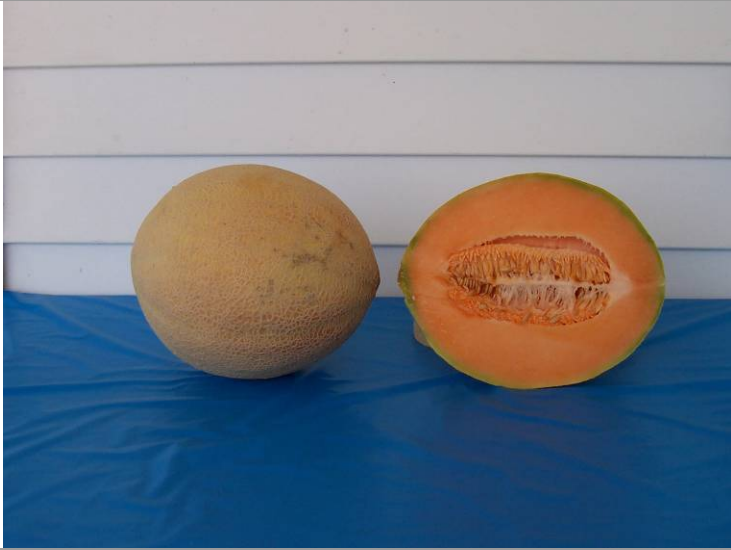


*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

 A photograph of a whole Grand Slam muskmelon on the left and a halved one on the right, showing the orange flesh and seeds. The melon is resting on a blue surface against a white background.	<p>Grand Slam</p> <p>Yield 32,432 lbs/A (3) 4,771 melons/A (5)</p> <p>Mean Weight: 6.8 lbs (7) Soluble Solids: 10.6% (6) First Harvest: 54 DAT</p>
 A photograph of a whole Eclipse muskmelon on the left and a halved one on the right, showing the orange flesh and seeds. The melon is resting on a blue surface against a white background.	<p>Siegers</p> <p>Eclipse</p> <p>Yield 27,343 lbs/A (13) 4,011 melons/A (13)</p> <p>Mean Weight: 6.7 lbs (8) Soluble Solids: 10.1% (13) First Harvest: 54 DAT</p>
 A photograph of a whole Superstar muskmelon on the left and a halved one on the right, showing the orange flesh and seeds. The melon is resting on a blue surface against a white background.	<p>check</p> <p>Superstar</p> <p>Yield 28,369 lbs/A (10) 4,356 melons/A (11)</p> <p>Mean Weight: 6.6 lbs (9) Soluble Solids: 7.4% (22) First Harvest: 51 DAT</p> <p>Harris Moran</p>


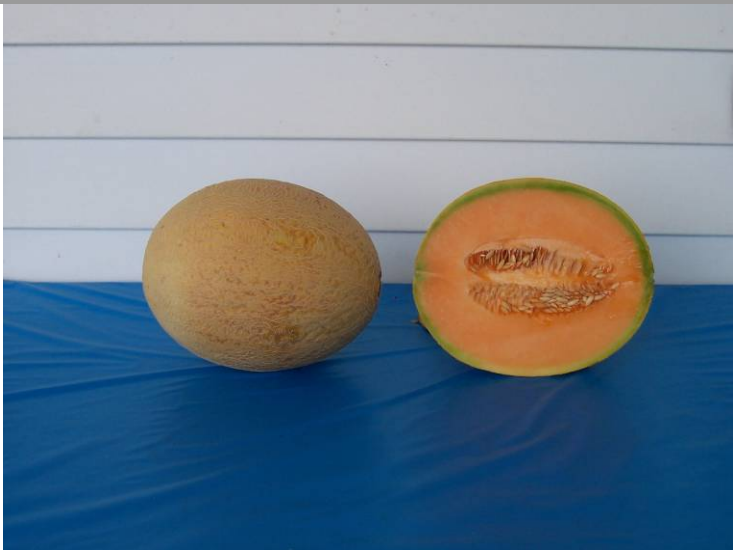

*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

	<p>Athena</p> <p>Yield 28,865 lbs/A (9) 4,633 melons/A (8)</p> <p>Mean Weight: 6.2 lbs (10) Soluble Solids: 10.6% (6) First Harvest: 51 DAT</p>
	<p>Syngenta</p> <p>Ariel</p> <p>Yield 27,627 lbs/A (12) 4,425 melons/A (10)</p> <p>Mean Weight: 6.2 lbs (10) Soluble Solids: 9.2% (19) First Harvest: 51 DAT</p>
	<p>Syngenta</p> <p>Atlantis</p> <p>Yield 29,826 lbs/A (7) 4,771 melons/A (5)</p> <p>Mean Weight: 6.2 lbs (10) Soluble Solids: 9.8% (15) First Harvest: 54 DAT</p> <p>Siegers</p>



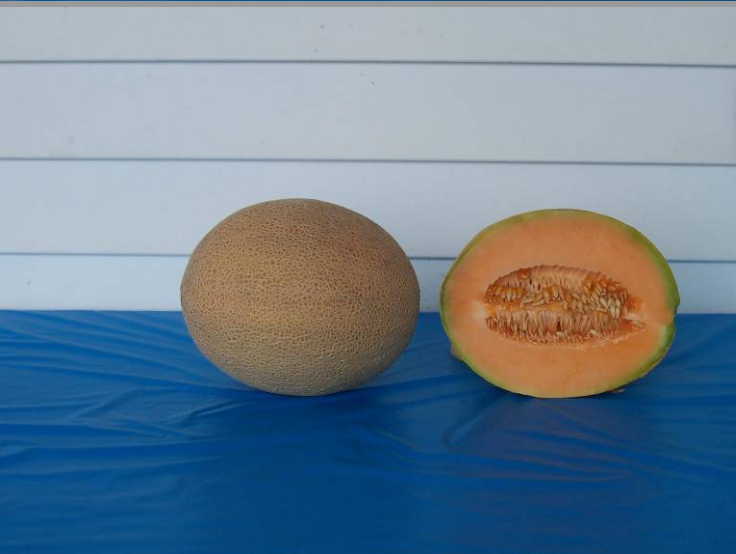
*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

	<p style="text-align: center;">1032</p> <p style="text-align: center;">Yield 23,558 lbs/A (17) 3,941 melons/A (15)</p> <p>Mean Weight: 5.9 lbs (13) Soluble Solids: 10.7% (5) First Harvest: 62 DAT</p> <p style="text-align: center;">Siegers</p>
	<p style="text-align: center;">Strike</p> <p style="text-align: center;">Yield 29,454 lbs/A (8) 4,978 melons/A (3)</p> <p>Mean Weight: 5.9 lbs (13) Soluble Solids: 9.6% (18) First Harvest: 51 DAT</p> <p style="text-align: center;">Seedway</p>
	<p style="text-align: center;">Jaipur</p> <p style="text-align: center;">Yield 26,132 lbs/A (15) 4,494 melons/A (9)</p> <p>Mean Weight: 5.8 lbs (15) Soluble Solids: 10.4% (10) First Harvest: 57 DAT</p> <p style="text-align: center;">check</p>

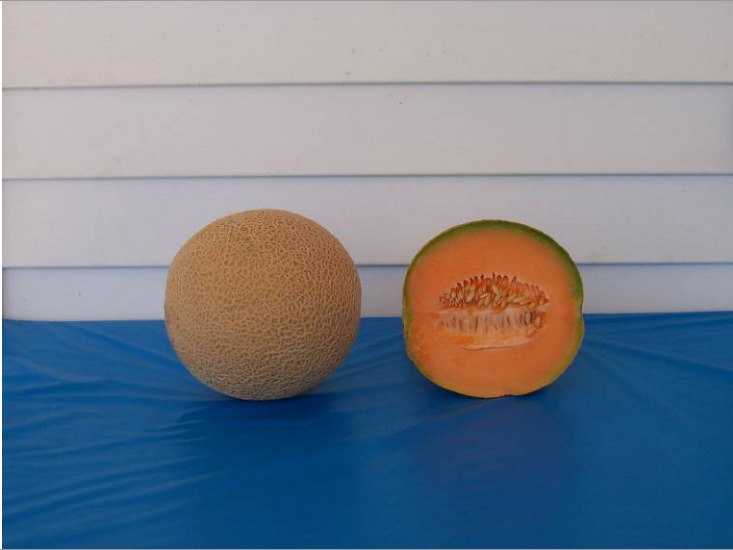


*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

	<p style="text-align: center;">Home Run</p> <p style="text-align: center;">Yield 23,300 lbs/A (18) 4,287 melons/A (12) Mean Weight: 5.4 lbs (16) Soluble Solids: 9.7% (16) First Harvest: 51 DAT</p> <p style="text-align: center;">Siegers</p>
	<p style="text-align: center;">Caribbean Gold</p> <p style="text-align: center;">Yield 14,465 lbs/A (21) 2,697 melons/A (22) Mean Weight: 5.3 lbs (17) Soluble Solids: 13.3% (2) First Harvest: 72 DAT</p> <p style="text-align: center;">Siegers</p>
	<p style="text-align: center;">Primo</p> <p style="text-align: center;">Yield 20,051 lbs/A (19) 3,941 melons/A (16) Mean Weight: 5.1 lbs (18) Soluble Solids: 10.4% (10) First Harvest: 51 DAT</p> <p style="text-align: center;">check</p>

*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*

	<p style="text-align: center;">Dacona</p> <p style="text-align: center;">Yield 24,797 lbs/A (16) 4,978 melons/A (2)</p> <p>Mean Weight: 4.9 lbs (19) Soluble Solids: 10.3% (12) First Harvest: 51 DAT</p>
	<p style="text-align: center;">Siegers</p> <p style="text-align: center;">Halona</p> <p style="text-align: center;">Yield 30,500 lbs/A (5) 6,154 melons/A (1)</p> <p>Mean Weight: 4.9 lbs (19) Soluble Solids: 10.1% (13) First Harvest: 47 DAT</p>
	<p style="text-align: center;">check</p> <p style="text-align: center;">Goddess</p> <p style="text-align: center;">Yield 16,538 lbs/A (20) 3,457 melons/A (18)</p> <p>Mean Weight: 4.7 lbs (21) Soluble Solids: 11.3% (3) First Harvest: 47 DAT</p> <p style="text-align: center;">check</p>

*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

Photos of Varieties in the 2009 Muskmelon Variety Trial Ordered from Largest to Smallest*



Riviera Sweet

Yield

9,422 lbs/A (22)

3,181 melons/A (21)

Mean Weight: 2.8 lbs (22)

Soluble Solids: 14.4 % (1)

First Harvest: 51 DAT

Harris Moran

*Numbers in parenthesis are the rank of the variety for this characteristic out of the 22 varieties.

APPENDIX B:
Weather Summary for the 2009 Muskmelon Variety Trial
July 1st (transplanting) – September 18th (final harvest)

**Appendix B: Weather Summary for the 2009 Muskmelon Variety Trial
July 1st (transplanting) – September 18th (final harvest)**

DAT	Date	Max Temp °F	Min Temp °F	Rainfall (in.)
0	1-Jul-09	86.7	66.2	0.33
1	2-Jul-09	81.8	67.0	0.04
2	3-Jul-09	79.0	62.4	0.12
3	4-Jul-09	81.7	63.4	0.00
4	5-Jul-09	75.6	64.9	0.00
5	6-Jul-09	83.1	63.5	0.00
6	7-Jul-09	84.5	62.7	0.00
7	8-Jul-09	80.0	60.6	0.00
8	9-Jul-09	75.8	57.3	0.00
9	10-Jul-09	77.1	55.1	0.00
10	11-Jul-09	81.0	55.9	0.00
11	12-Jul-09	88.1	70.0	0.00
12	13-Jul-09	83.1	65.6	0.00
13	14-Jul-09	81.6	61.3	0.00
14	15-Jul-09	84.3	56.7	0.00
15	16-Jul-09	90.1	67.5	0.00
16	17-Jul-09	87.9	72.3	0.00
17	18-Jul-09	83.2	64.3	0.00
18	19-Jul-09	83.8	60.6	0.00
19	20-Jul-09	81.2	62.3	0.00
20	21-Jul-09	82.6	69.0	0.29
21	22-Jul-09	86.0	66.1	0.01
22	23-Jul-09	78.4	69.2	0.21
23	24-Jul-09	84.2	67.3	0.11
24	25-Jul-09	88.6	65.6	0.03
25	26-Jul-09	90.3	70.6	0.05
26	27-Jul-09	84.3	68.8	0.47
27	28-Jul-09	88.7	68.1	0.00
28	29-Jul-09	88.7	73.5	0.22
29	30-Jul-09	86.0	74.4	0.01
30	31-Jul-09	88.1	70.6	0.50
31	1-Aug-09	84.7	66.4	0.01
32	2-Aug-09	85.0	69.8	0.35
33	3-Aug-09	86.4	70.1	0.01
34	4-Aug-09	85.7	68.3	0.00
35	5-Aug-09	86.3	72.7	0.00
36	6-Aug-09	74.2	65.7	0.67
37	7-Aug-09	80.8	61.4	0.01
38	8-Aug-09	85.6	62.0	0.00
39	9-Aug-09	90.1	70.5	0.00
40	10-Aug-09	91.7	69.7	0.00
41	11-Aug-09	88.9	72.2	0.06
42	12-Aug-09	85.3	71.9	0.04
43	13-Aug-09	81.2	70.0	0.14
44	14-Aug-09	82.6	65.4	0.00
45	15-Aug-09	67.2	64.4	0.00
46	16-Aug-09	88.9	61.2	0.00

DAT	Date	Max Temp °F	Min Temp °F	Rainfall (in.)
47	17-Aug-09	90.9	64.5	0.00
48	18-Aug-09	90.5	67.6	0.01
49	19-Aug-09	88.9	73.8	0.02
50	20-Aug-09	89.2	70.9	0.00
51	21-Aug-09	91.2	77.4	0.00
52	22-Aug-09	84.6	71.0	2.17
53	23-Aug-09	86.2	70.8	0.42
54	24-Aug-09	85.1	68.2	0.64
55	25-Aug-09	87.4	64.5	0.00
56	26-Aug-09	88.3	68.4	0.00
57	27-Aug-09	84.4	69.7	0.00
58	28-Aug-09	85.5	70.1	0.98
59	29-Aug-09	86.5	70.8	0.05
60	30-Aug-09	83.8	67.9	1.06
61	31-Aug-09	70.5	59.6	0.00
62	1-Sep-09	74.0	55.0	0.00
63	2-Sep-09	74.5	54.0	0.00
64	3-Sep-09	73.6	58.2	0.00
65	4-Sep-09	80.2	64.2	0.00
66	5-Sep-09	84.1	58.9	0.00
67	6-Sep-09	80.7	55.9	0.00
68	7-Sep-09	76.1	67.3	0.00
69	8-Sep-09	71.6	62.9	0.02
70	9-Sep-09	70.4	62.2	0.12
71	10-Sep-09	68.3	61.1	0.93
72	11-Sep-09	64.1	59.7	1.90
73	12-Sep-09	69.6	61.5	0.00
74	13-Sep-09	78.6	59.8	0.00
75	14-Sep-09	80.7	56.5	0.00
76	15-Sep-09	82.4	63.3	0.00
77	16-Sep-09	75.9	66.2	0.00
78	17-Sep-09	70.0	56.0	0.00
79	18-Sep-09	74.5	53.1	0.00