

TEXAS COOPERATIVE EXTENSION

STATEWIDE WATERMELON TRIALS 2004



CONDUCTED IN COOPERATION WITH

THE TEXAS AGRICULTURAL EXPERIMENT STATION

AND

THE DEPARTMENT OF HORTICULTURAL SCIENCES

TEXAS A&M UNIVERSITY

COLLEGE STATION

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Participating Seed Companies

<u>Seed Source</u>	<u>Entries</u>	<u>Type</u>
1. Abbott and Cobb 4120 Pecan St. McAllen, TX 78501 Ph. (956) 682-0174	ACX 2800	D
	Summer Flavor 800	D
	Summer Flavor 830	D
	Summer Sweet #5244	T
	Super Seedless #7167	T
	Super Seedless #7177	T
	Super Seedless #7187	T
2. D. Palmer Seed 8269 S. Highway 95 Yuma, AZ 85365 Ph. (928) 341-8494	Buddy	D
	Plantation Pride	D
	Waddie	D
	WD 02-29	D
	Butterball	T
	Summertime	T
	Sweet Eat'n	T
3. Hazera Seeds 745 Balboa St. Grover Beach, CA 93433 Ph. (805) 473-3452	5003	T
	Dillon (5005)	T
	Sagi (6033)	T
4. Petoseed/Seminis P.O. Box 486 Donna, TX 78537 Ph. (956) 464-3966	Royal Sweet	D
	Majestic	T
	Olympia	T
	PX 11052889	T
5. Rogers/Syngenta 2101 Ranger Hwy Weatherford, TX 76088 Ph. (956) 343-4274	Jamboree	D
	RWT 8145	T
	RWT 8160	T
	RWT 8161	T
	Sweet Delight (8096)	T
	Tri-X 313	T
	Tri-X Carousel	T
Tri-X Palomar	T	

6. Shamrock Seeds, Inc. 1513-A, San Patricia Ave Pharr, TX 78577 Ph. (956) 781-6643	Campeche Cha Cha Cha	D T
7. Sugar Creek Seeds P.O. Box 508 Hinton, OK 73047 Ph. (405) 542-3920	Sugar Shack Sugar Time Summerville	T T T
8. Valley Star Seed 1875 Templeton Road Templeton, CA 93465 Ph. (805) 610-0825	Afternoon Delight Dulce Tiempo	T T
9. Willhite Seed, Inc. P.O. Box 23 Pooleville, TX 76487-00213 Ph. 800-828-1840	Ole WX 257 WX 260 WX 263 WX 265 WX 29 Sweet Slice	D D D D D T T

D = Diploid (seeded fruit)

T = Triploid (seedless fruit)

Generalized Trial Protocol

- Design:** Randomized complete block
Minimum of 3 replicates / entry
Minimum of 5 plants / rep / entry
5-10' in-row spacing between entries within a row
- Establishment:** Transplants
- Culture:** Drip irrigation
Black plastic mulch
Windbreaks
2.5' – 3' in-row plant spacing depending upon available 6'- 8' wide raised beds depending upon available equipment
- Fertilizer:** Application rates based on soil test or growers practice where appropriate
- Plot Layout:** Alternating beds of triploids and diploids
Or
Random mix of triploids and diploids planted in a serpentine fashion through out the field at the desecration of the cooperator
- Control Varieties:** Diploid = Royal Sweet, Summer Flavor 800
Triploid = Tri X 313, Summer Sweet 5244
- Harvest:** One or more harvest depending upon labor availability at each location
- Fruit Graded:** According to size:
> 30 lbs / fruit
25-30 lbs/ fruit
20-25 lbs/ fruit
15-20 lbs / fruit
10-15 lbs / fruit (triploids only)
Culls = undersized or blemished fruit
- Minimum Data:** Number and weight / fruit grade
Disease and insect problems if any
Predominant cull class
- Photo Credits:** Eric Cox, Dr. Larry Stein, and Dr. Juan Anciso
- Data Compilation:** Criselda Orozco

Comments and Cultural Practices Specific to Each Location

Weslaco:

- Transplanted-** February 16, 2004 (Average plant population of 2,613 plants/A).
- Harvested (three times)-** May 19, 27; June 3, 2004
- Fertilization-** Fertilized with 4-10-10 at 58.5 gal/A (wt. 10.71 lbs/gal) plus 10.5 gal/A N-32 (wt. 11.05 lbs/gal) on January 14. (Rate of actual N-P-K in lbs per acre of 62-63-63).
- Irrigation-** Transplanted plants into test plots and irrigated Feb 16. Drip applied Feb. 20; March 2 (injected Admire at 16 fl oz./ac.), and March 9.
- Pest control-** Drenched transplants in flats with Quadris at 0.2 lb a.i./A on Feb. 16 prior to transplanting. Pristine (BAS 516) at 10 oz/A for gummy stem blight in a 12" band, Feb. 19. Ridomil Gold-Bravo at 2 lbs/A, March 24. Sandea (halsulfuron methyl 75%) at $\frac{3}{4}$ oz broadcast/A, March 26 for broadleaf weeds. Gavel 75 DF at 2 lbs/A March 29. Acrobat 50 WP at 6 oz/A (170 gm/A) for downey mildew and Procure 50 WS at 6 oz/A (170 gm/A) for powdery mildew on April 13. Ridomil Gold-Bravo at 2 lbs/A on April 27. Gavel 75 DF at 2 lbs/A on May 4.
- Study Comments:** Excellent yields. Severe downy mildew began after the first harvest.

College Station:

- Transplanted-** April 9, 2004 (Average plant population of 1,633 plants/A).
- Harvested (three times)-** July 9, 19; August 2, 2004
- Fertilization-** Weekly applications of fertilizer thru drip consisting of N-32 one week then 8-23-6 acid the next week, at a rate of 5 gal/A with enough water to wet the bed under the plastic mulch.
- Irrigation-** As needed
- Pest control-** One application of Admire thru drip when vine length was 18-24 inches at a rate of 2 oz./A. Two applications of fungicide sprayed with one at the vining stage and the other about 10 days prior to first harvest.
- Study comments:** Triploids were seeded on March 12 and because of poor germination on some varieties some were reseeded on March 22. Diploids were seeded on March 15.

Crystal City:

Transplanted	April 15, 2004 (Average plant population of 2,613 plants/A).
Harvested (once-over)-	July 8, 2004
Fertilization-	500 lbs of 12-17-4 per acre preplant; inject 20 pounds through irrigation twice. (Rate of actual N-P-K in lbs per acre of 65-92-22).
Irrigation-	Drip; April 16; May 18 (20 units); June 1 (20) units
Pest Control-	One Cabrio for disease and one aphid spray.
<i>Study Comments:</i>	Most of the culls were simply small, immature fruit. Most of the foliage was lost to downy mildew and then anthracnose moved in. All the rain did not allow for spray applications. Yields were excellent considering all the rain and fruit quality was also fair. The vines which had no leaves obviously had the poorest quality. We did a taste test, but did not include the data due to vast differences in fruit quality.

Lubbock:

Transplanted-	May 14, 2004 (Average plant population of 2,178 plants/A).
Harvested (once-over)-	August 5, 2004 (only 1 harvest due to heavy powdery mildew infestation)
Fertilization-	80 lbs N preplant (anhydrous) plus 20 lbs N (ammonium nitrate) mixed in slurry and applied through drip lines mid-season. No other nutrients applied. (Rate of actual N-P-K in lbs per acre of 100-0-0).
Irrigation-	Every 2-3 days with drip irrigation. Season was cool and moist.
<i>Study Comments:</i>	Had planned to harvest more than once, but powdery mildew infections were heavy this year due to humid conditions. Used sunflower wind breaks between replications. Watermelons were transplanted 3' apart in center of 80" beds laid with black plastic mulch. There were 5 plants/plots used for this trial. Two beehives were used for pollination.

2004 Statewide Watermelon trial results-Average Yield

Entry	Total Mkt. Yield (lbs/A)	Marketable Yield / Location			
		College Station	Crystal City	Lubbock	Weslaco
Diploids					
WX-260	81,411	53,173	51,083	53,769	167,619
Summer Flavor 800	79,918	51,561	67,083	49,960	151,066
Royal Sweet	75,205	51,192	56,667	61,062	131,900
WX-265	70,669	49,996	62,083	56,817	113,779
ACX 2800	70,022	58,698	44,583	50,831	125,976
Ole	69,174	57,013	34,167	59,538	125,976
WD 02-29	67,433	56,100	52,917	45,715	114,998
Summer Flavor 830	66,583	38,472	80,417	61,715	85,726
Jamboree	63,422	65,476	27,917	52,790	107,506
WX-263	62,365	40,928	42,917	47,130	118,483
Buddy	61,247	45,073	17,500	70,205	112,211
WX-257	61,215	33,268	33,333	65,525	112,733
Plantation Pride	57,118	41,813	39,167	45,388	102,105
Waddie	52,412	37,334	33,333	40,708	98,271
Campeche	52,135	30,769	41,667	41,143	94,961
Triploids					
Tri-X 313	78,117	60,163	80,883	61,824	109,597
Tri-X Palomar	76,644	39,073	71,483	39,728	156,293
Sweet Delight 8096	76,084	49,466	70,000	43,211	141,657
Afternoon Delight	75,221	53,792	36,250	63,783	147,059
Super Seedless #7167	75,179	33,289	54,583	66,831	146,013
PX 11052889	74,938	48,846	59,167	71,511	120,233
Sweet Eat'n	74,552	45,396	77,500	36,790	138,521
Sweet Slice	73,868	49,769	49,583	57,252	138,869
Tri-X Carousel	72,109	45,600	72,283	54,858	115,695
Summertime	71,739	55,312	49,583	37,443	144,619
RWT 8160	71,613	51,729	45,833	58,559	130,332
WX-29	71,001	55,045	37,083	59,974	131,900
Super Seedless #7177	70,987	60,549	65,000	59,429	98,968
RWT 8145	69,142	33,123	60,000	59,212	124,233
5003	68,847	46,941	46,250	69,987	112,211
Majestic	67,591	51,265	34,583	56,273	128,241
Dulce Tiempo	65,790	48,573	44,583	68,246	101,756
Olympia	64,064	43,636	29,583	47,130	135,907
Butterball	63,338	53,052	14,583	47,892	137,824
Summer Sweet #5244	63,054	25,736	37,000	50,286	138,695
Sagi	61,940	42,954	36,250	87,185	81,370
Cha Cha Cha	60,332	32,165	44,583	63,348	101,233
5005 (Dillon)	60,177	35,353	44,167	52,463	108,725
Sugar Shack	59,825	60,299	72917	46,259	-----
RWT 8161	57,612	42,681	11,250	62,042	114,476
Super Seedless #7187	55,153	30,547	47,083	52,899	90,082
Summerville	50,086	79,873	27,500	42,885	-----
Sugar Time	40,524	60,295	49,583	46,695	-----

2004 Statewide Watermelon Trial results- Average % Fruit Harvested / Size Grade

Entry	% > 30 lbs	% 25-30 lbs	%20-25 lbs	% 15-20 lbs	% 10-15 lbs	% culls
Diploids						
WX-260	8	13	28	16	---	35
Summer Flavor 800	10	17	15	21	---	37
Royal Sweet	4	31	25	21	---	19
WX-265	3	12	26	33	---	26
ACX 2800	4	13	28	19	---	36
Ole	9	18	19	23	---	31
WD 02-29	2	8	32	29	---	29
Summer Flavor 830	10	8	21	26	---	35
Jamboree	5	18	21	26	---	30
WX-263	3	13	29	24	---	31
Buddy	10	20	25	14	---	31
WX-257	4	25	19	21	---	31
Plantation Pride	4	14	20	23	---	39
Waddie	8	7	21	23	---	41
Campeche	10	16	21	19	---	34
Triploids						
Tri-X 313	---	---	15	37	34	14
Tri-X Palomar	---	1	4	33	52	10
Sweet Delight 8096	---	2	11	43	34	10
Afternoon Delight	---	1	17	33	35	14
Super Seedless #7167	---	2	15	39	33	11
PX 11052889	1	6	9	38	33	13
Sweet Eat'n	---	--	17	32	39	12
Sweet Slice	---	1	14	33	34	18
Tri-X Carousel	1	---	12	40	36	11
Summertime	---	2	7	41	36	14
RWT 8160	1	5	15	39	28	12
WX-29	---	1	15	43	25	16
Super Seedless #7177	---	---	11	41	35	13
RWT 8145	---	1	29	34	18	18
5003	---	1	8	36	43	12
Majestic	---	1	11	36	36	16
Dulce Tiempo	---	---	5	28	53	14
Olympia	---	2	12	31	32	23
Butterball	---	1	4	24	48	23
Summer Sweet #5244	---	---	4	38	44	14
Sagi	---	2	10	41	28	19
Cha Cha Cha	---	1	11	26	42	20
5005 (Dillon)	---	1	19	34	31	15
Sugar Shack	---	2	2	26	55	15
RWT 8161	---	9	23	24	26	18
Super Seedless #7187	---	---	8	44	31	17
Summerville	---	---	1	21	46	32
Sugar Time	---	1	1	27	41	30

2004 Statewide Watermelon Trial results- College Station, TX

Entry	Total Mkt Yld (lbs/A)	Harvested fruit (% fruit size (lbs/fruit) grade)					
		> 30	25-30	20-25	15-20	10-15	%culls
Diploids							
Jamboree	65,476	12	17	10	38	---	23
ACX 2800	58,698	5	20	23	17	---	35
Ole	57,013	11	13	16	31	---	29
WD-02-29	56,100	3	10	31	31	---	25
WX 260	53,173	3	24	30	28	---	15
Summer Flavor 800	51,561	5	3	23	31	---	38
Royal Sweet	51,192	5	35	30	20	---	10
WX 265	49,996	---	18	30	40	---	12
Buddy	45,073	21	29	29	8	---	13
Plantation Pride	41,813	6	13	13	29	---	39
WX 263	40,928	---	19	37	19	---	25
Summer Flavor 830	38,472	3	3	3	32	---	59
Waddie	37,334	4	7	25	28	---	36
WX 257	33,268	10	10	28	33	---	19
Campeche	30,769	9	14	9	32	---	36
Triploids							
Summerville	79,873	---	1	4	34	41	20
Super Seedless #7177	60,549	---	---	12	40	36	12
Sugar Shack	60,299	---	4	2	41	38	15
Sugar Time	60,295	---	2	2	51	32	13
Tri-X 313	60,163	---	---	7	44	32	17
Summertime	55,312	---	4	9	42	34	11
WX 29	55,045	---	---	10	28	48	14
Afternoon Delight	53,792	---	4	18	24	47	7
Butterball	53,052	---	---	---	29	42	29
RWT 8160	51,729	3	8	20	31	38	---
Majestic	51,265	---	2	9	36	40	13
Sweet Slice	49,769	---	2	13	22	47	16
Sweet Delight 8096	49,466	---	5	7	41	44	3
PX 11052889	48,846	---	7	9	23	54	7
Dulce Tiempo	48,573	---	---	6	24	57	13
5003	46,941	---	5	2	31	55	7
Tri-X Carousel	45,600	3	---	13	39	37	8
Sweet Eat'n	45,396	---	---	7	40	40	13
Olympia	43,636	---	2	18	26	36	18
Sagi	42,954	---	5	10	22	39	24
RWT 8161	42,681	---	6	18	40	33	3
Tri-X Palomar	39,073	---	4	4	20	56	16
5005 (Dillon)	35,353	---	---	7	50	40	3
Super Seedless #7167	33,289	---	7	11	36	39	7
RWT 8145	33,123	---	4	32	32	24	8
Cha Cha Cha	32,165	---	---	13	27	40	20
Super Seedless #7187	30,547	---	---	7	41	45	7
Summer Sweet #5244	25,736	---	---	---	38	62	---

2004 Statewide Watermelon Trial results- Crystal City, TX

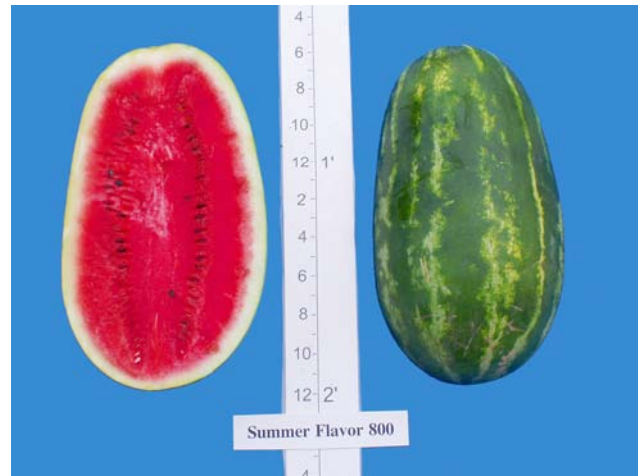
Entry	Total Mkt Yld (lbs/A)	Harvested fruit (% fruit size (lbs/fruit) grade)					
		> 30	25-30	20-25	15-20	10-15	%culls
Diploids							
Summer Flavor 830	80,417	2.2	4.6	21.0	21.6	---	50.6
Summer Flavor 800	67,083	11.1	6.0	6.0	2.4	---	74.5
WX 265	62,083	8.3	---	20.3	19.2	---	52.2
Royal Sweet	56,667	3.7	9.5	20.6	33.3	---	32.9
WD 02-29	52,917	---	---	11.8	22.0	---	66.2
WX 260	51,083	2.6	---	8.3	8.3	---	80.8
ACX 2800	44,583	1.8	---	8.4	16.8	---	73.0
WX 263	42,917	4.2	---	16.7	16.3	---	62.8
Campeche	41,667	---	12.5	20.8	4.2	---	62.5
Plantation Pride	39,167	---	3.3	---	12.7	---	84.0
Ole	34,167	2.4	10.7	8.9	14.3	---	63.7
Waddie	33,333	6.7	---	---	7.0	---	86.3
WX 257	33,333	---	22.9	---	12.2	---	64.9
Jamboree	27,917	---	8.3	4.2	8.3	---	79.2
Buddy	17,500	---	---	12.5	---	---	87.5
Triploids							
Tri-X 313	80,883	---	---	---	17.5	58.7	23.8
Sweet Eat'n	77,500	---	---	7.4	21.3	45.0	26.3
Sugar Shack	72,917	---	---	2.1	21.1	57.5	19.3
Tri-X Carousel	72,283	---	---	8.3	15.0	43.3	33.4
Tri-X Palomar	71,483	---	---	2.2	15.7	63.3	18.8
Sweet Delight 8096	70,000	---	3.3	16.7	14.4	43.3	22.3
Super Seedless #7177	65,000	---	---	8.3	15.1	48.1	28.5
RWT 8145	60,000	---	---	17.0	17.2	8.8	57.0
PX 11052889	59,167	2.1	---	2.1	8.3	48.3	39.2
Super Seedless #7167	54,583	---	---	13.9	31.5	25.0	29.6
Sweet Slice	49,583	---	---	---	3.5	42.2	54.3
Summertime	49,583	---	---	2.2	16.4	54.5	26.9
Super Seedless #7187	47,083	---	---	2.2	20.0	28.9	48.9
5003	46,250	---	---	5.6	2.6	54.1	37.7
RWT 8160	45,833	---	---	2.2	8.6	45.3	43.9
Dulce Tiempo	44,583	---	---	---	2.0	54.6	43.4
Cha Cha Cha	44,583	---	---	2.2	9.7	37.6	50.5
5005 (Dillon)	44,167	---	2.8	9.4	---	37.2	50.6
Summer Sweet #5244	37,500	---	---	---	24.4	28.9	46.7
WX 29	37,083	---	---	2.8	33.3	18.5	45.4
Sagi	36,250	---	---	---	22.6	31.0	46.4
Afternoon Delight	36,250	---	---	---	3.3	52.0	44.7
Majestic	34,583	---	---	15.6	3.3	41.1	40.0
Olympia	29,583	---	---	---	9.1	33.2	57.7
Summerville	27,500	---	---	---	7.7	21.7	70.6
Sugar Time	14,583	---	---	---	---	26.9	73.1
Butterball	14,583	---	---	---	---	42.5	57.5
RWT 8161	11,250	---	---	---	4.8	47.6	47.6

2004 Statewide Watermelon Trial results-Lubbock, TX

Entry	Total Mkt Yld (lbs/A)	Harvested fruit (% fruit size (lbs/fruit) grade)					
		> 30	25-30	20-25	15-20	10-15	%culls
Diploids							
Buddy	70,205	16	19	16	26	---	23
WX 257	65,525	6	10	26	35	---	23
Summer Flavor 830	61,715	21	7	27	14	---	31
Royal Sweet	61,062	7	13	20	27	---	33
Ole	59,538	24	19	19	8	---	30
WX 265	56,817	4	31	17	21	---	27
WX 260	53,769	25	8	17	4	---	46
Jamboree	52,790	8	28	24	20	---	20
ACX 2800	50,831	7	14	14	29	---	36
Summer Flavor 800	49,960	23	8	15	23	---	31
WX 263	47,130	8	16	23	15	---	38
WD 02-29	45,715	5	9	27	32	---	27
Plantation Pride	45,388	9	13	31	13	---	34
Campeche	41,143	8	17	17	21	---	37
Waddie	40,708	11	14	18	29	---	28
Triploids							
Sagi (6033)	87,185	---	4	13	44	31	8
PX 11052889	71,511	---	8	15	40	30	7
5003	69,987	---	---	18	21	59	2
Dulce Tiempo	68,246	---	---	7	36	55	2
Super Seedless #7167	66,831	---	---	2	41	50	7
Afternoon Delight	63,783	---	---	15	38	42	5
Cha Cha Cha	63,348	---	2	9	36	42	11
RWT 8161	62,042	---	5	27	24	22	22
Tri-X 313	61,824	---	---	9	30	47	14
WX 29	59,974	---	3	23	40	28	6
Super Seedless #7177	59,429	---	---	13	35	40	12
RWT 8145	59,212	---	---	14	51	27	8
RWT 8160	58,559	---	10	19	42	23	6
Sweet Slice	57,252	---	---	19	44	37	---
Majestic	56,273	---	3	14	28	44	11
Tri-X Carousel	54,858	---	---	16	29	52	3
Super Seedless #7187	52,899	---	---	8	43	35	14
Dillon (5005)	52,463	---	---	16	32	45	7
Summer Sweet 5244	50,286	---	---	5	18	66	11
Butterball	47,892	---	---	---	22	73	5
Olympia	47,130	---	---	9	26	47	18
Sugar Time	46,695	---	---	---	30	64	6
Sugar Shack	46,259	---	3	3	15	69	10
Sweet Delight 8096	43,211	---	---	10	40	37	13
Summerville	42,885	---	---	---	20	74	6
Tri-X Palomar	39,728	---	---	---	20	73	7
Summertime	37,443	---	4	---	44	33	19
Sweet Eat'n	36,790	---	---	4	23	63	10



ACX 2800 (Abbott & Cobb)
Tot Mkt. yld = 70,022 lbs/A
%>30 lbs = 4
% 25-30 lbs = 13
% 20-25 lbs = 28
% 15-20 lbs = 19
% 10-15 lbs = 0
% culls = 36



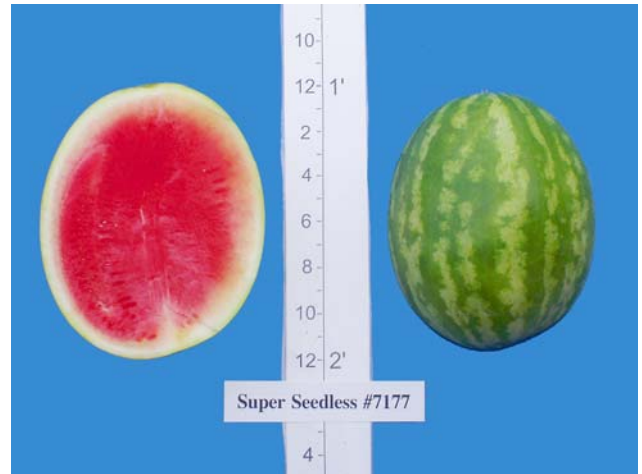
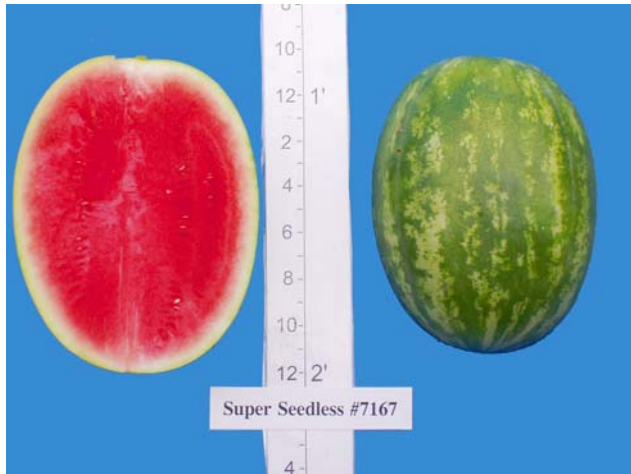
Summer Flavor 800 (Abbott & Cobb)
Tot Mkt. yld = 79,918 lbs/A
%> 30 lbs = 10
% 25-30 lbs = 17
% 20-25 lbs = 15
% 15-20 lbs = 21
% 10-15 lbs = 0
% culls = 37



Summer Flavor 830 (Abbott & Cobb)
Tot Mkt yld = 66,583 lbs/A
%> 30 lbs = 10
% 25-30 lbs = 8
% 20-25 lbs = 21
% 15-20 lbs = 26
% 10-15 lbs = 0
% culls = 35



Summer Sweet #5244 (Abbott & Cobb)
Tot Mkt yld = 63,054 lbs/A
%> 30 lbs = 0
% 25-30 lbs = 0
% 20-25 lbs = 4
% 15-20 lbs = 38
% 10-15 lbs = 44
% culls = 14



Super Seedless #7167 (Abbott & Cobb) Super Seedless #7177 (Abbott & Cobb)

Tot Mkt yld = 75,179 lbs/A

% > 30 lbs = 0

% 25-30 lbs = 2

% 20-25 lbs = 15

% 15-20 lbs = 39

% 10-15 lbs = 33

% culls = 11

Tot Mkt yld = 70,987 lbs/A

% > 30 lbs = 0

% 25-30 lbs = 0

% 20-25 lbs = 11

% 15-20 lbs = 41

% 10-15 lbs = 35

% culls = 13



Super Seedless #7187 (Abbott & Cobb)

Tot Mkt yld = 55,153 lbs/A

% > 30 lbs = 0

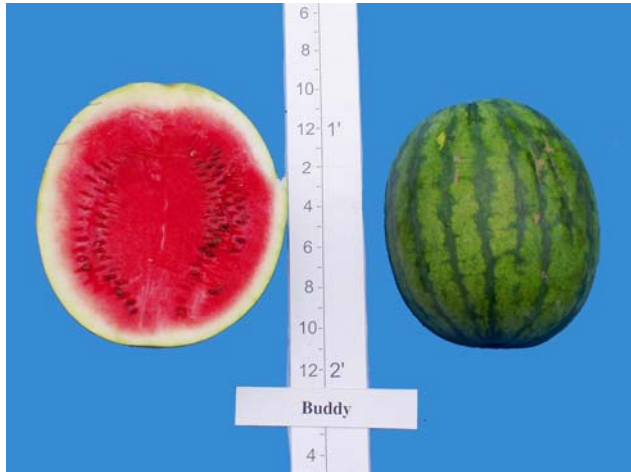
% 25-30 lbs = 0

% 20-25 lbs = 8

% 15-20 lbs = 44

% 10-15 lbs = 31

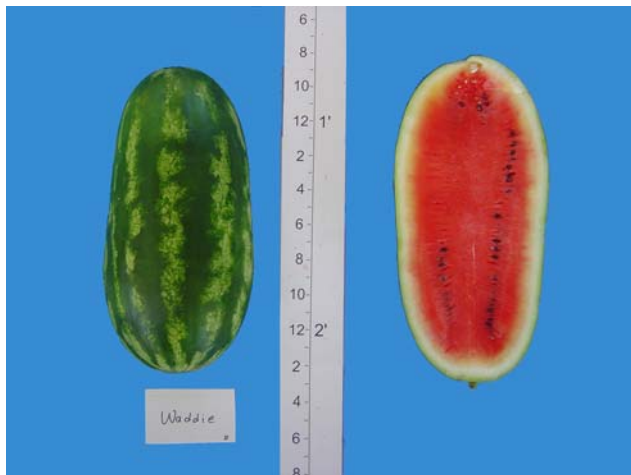
% culls = 17



Buddy (D. Palmer)
Tot Mkt yld = 61,247 lbs/A
%> 30 lbs = 10
% 25-30 lbs = 20
% 20-25 lbs = 25
% 15-20 lbs = 14
% 10-15 lbs = 0
% culls = 31



Plantation Pride (D. Palmer)
Tot Mkt yld = 57,118 lbs/A
%> 30 lbs = 4
% 25-30 lbs = 14
% 20-25 lbs = 20
% 15-20 lbs = 23
% 10-15 lbs = 0
% culls = 39



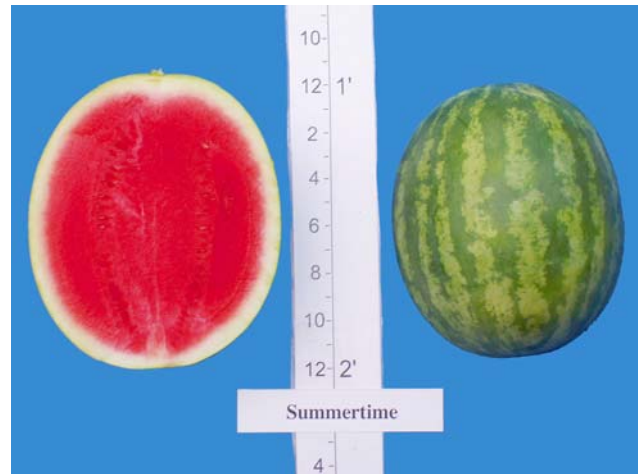
Waddie (D. Palmer)
Tot Mkt yld = 52,412 lbs/A
%> 30 lbs = 8
% 25-30 lbs = 7
% 20-25 lbs = 21
% 15-20 lbs = 23
% 10-15 lbs = 0
% culls = 41



WD 02-29 (D. Palmer)
Tot Mkt yld = 67,433 lbs/A
%> 30 lbs = 2
% 25-30 lbs = 8
% 20-25 lbs = 32
% 15-20 lbs = 29
% 10-15 lbs = 0
% culls = 29



Butterball (D. Palmer)
 Tot Mkt yld = 63,338 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 4
 % 15-20 lbs = 24
 % 10-15 lbs = 48
 % culls = 23



Summertime (D. Palmer)
 Tot Mkt yld = 71,739 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 2
 % 20-25 lbs = 7
 % 15-20 lbs = 41
 % 10-15 lbs = 36
 % culls = 14



Sweet Eat'n (D. Palmer)
 Tot Mkt yld = 74,552 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 0
 % 20-25 lbs = 17
 % 15-20 lbs = 32
 % 10-15 lbs = 39
 % culls = 12



5003 (Hazera)
Tot Mkt yld = 68,847 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 1
% 20-25 lbs = 8
% 15-20 lbs = 36
% 10-15 lbs = 43
% culls = 12



5005 (Dillon) (Hazera)
Tot Mkt yld = 60,177 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 1
% 20-25 lbs = 19
% 15-20 lbs = 34
% 10-15 lbs = 31
% culls = 15



Sagi (Hazera)
Tot Mkt yld = 61,940 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 2
% 20-25 lbs = 10
% 15-20 lbs = 41
% 10-15 lbs = 28
% culls = 19



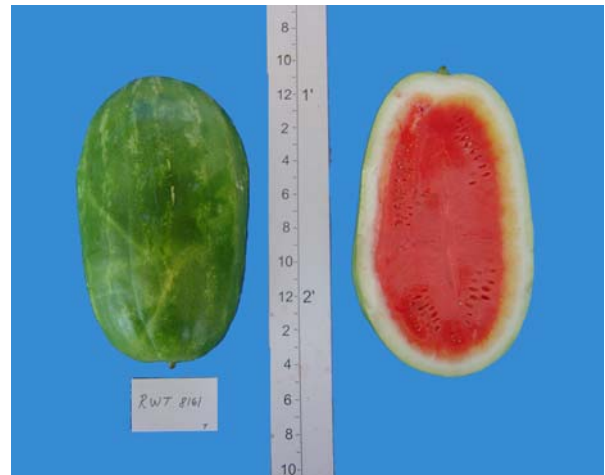
Jamboree (Rogers)
Tot Mkt yld = 63,422 lbs/A
% > 30 lbs = 5
% 25-30 lbs = 18
% 20-25 lbs = 21
% 15-20 lbs = 26
% 10-15 lbs = 0
% culls = 30



RWT 8145 (Rogers)
Tot Mkt yld = 69,142 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 1
% 20-25 lbs = 29
% 15-20 lbs = 34
% 10-15 lbs = 18
% culls = 18



RWT 8160 (Rogers)
Tot Mkt yld = 71,613 lbs/A
% > 30 lbs = 1
% 25-30 lbs = 5
% 20-25 lbs = 15
% 15-20 lbs = 39
% 10-15 lbs = 28
% culls = 12



RWT 8161 (Rogers)
Tot Mkt yld = 57,612 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 9
% 20-25 lbs = 23
% 15-20 lbs = 24
% 10-15 lbs = 26
% culls = 18



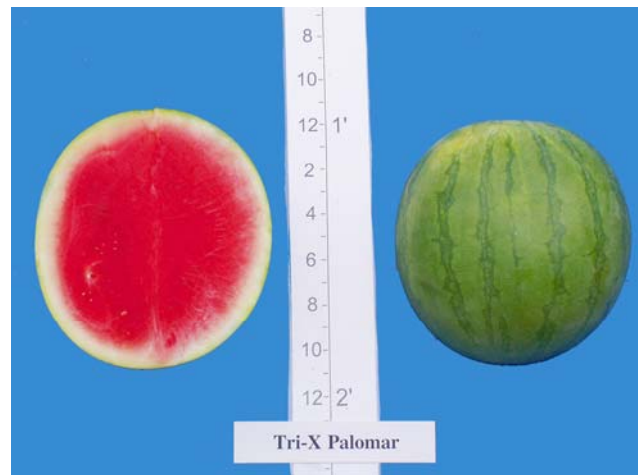
Sweet Delight 8096 (Rogers)
 Tot Mkt yld = 76,084 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 2
 % 20-25 lbs = 11
 % 15-20 lbs = 43
 % 10-15 lbs = 34
 % culls = 10



Tri-X 313 (Rogers)
 Tot Mkt yld = 78,117 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 0
 % 20-25 lbs = 15
 % 15-20 lbs = 37
 % 10-15 lbs = 34
 % culls = 14



Tri-X Carousel (Rogers)
 Tot Mkt yld = 72,109 lbs/A
 % > 30 lbs = 1
 % 25-30 lbs = 0
 % 20-25 lbs = 12
 % 15-20 lbs = 40
 % 10-15 lbs = 36
 % culls = 11



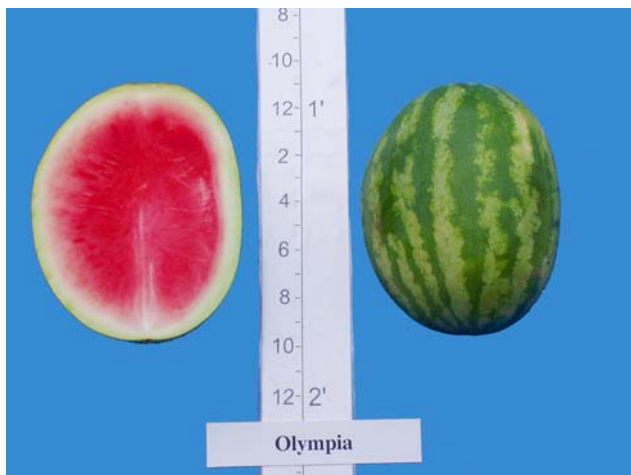
Tri-X Palomar (Rogers)
 Tot Mkt yld = 76,644 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 4
 % 15-20 lbs = 33
 % 10-15 lbs = 52
 % culls = 10



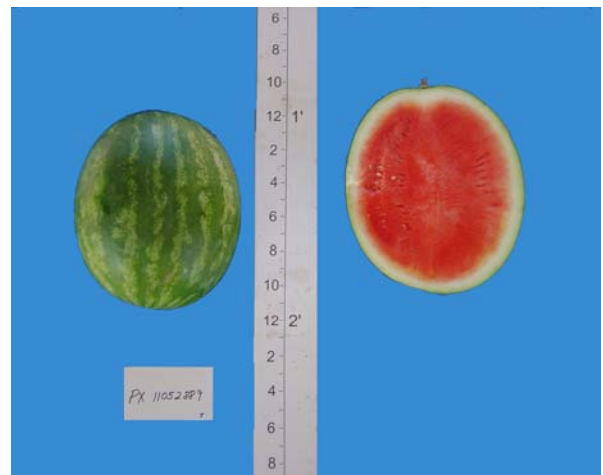
Royal Sweet (Seminis)
 Tot Mkt yld = 75,205 lbs/A
 %> 30 lbs = 4
 % 25-30 lbs = 31
 % 20-25 lbs = 25
 % 15-20 lbs = 21
 % 10-15 lbs = 0
 % culls = 19



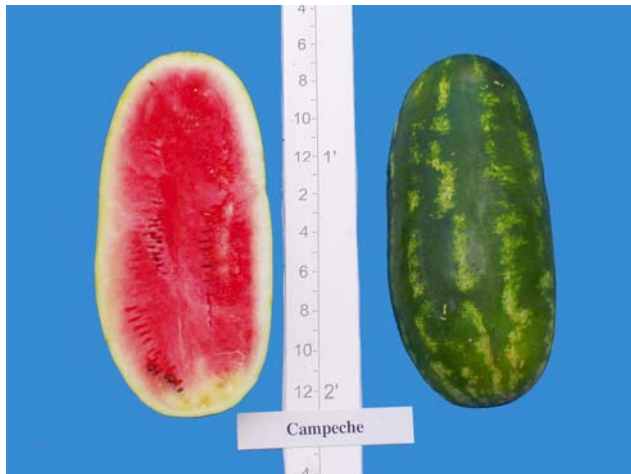
Majestic (Seminis)
 Tot Mkt yld = 67,591 lbs/A
 %> 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 11
 % 15-20 lbs = 36
 % 10-15 lbs = 36
 % culls = 16



Olympia (Seminis)
 Tot Mkt yld = 64,064 lbs/A
 %> 30 lbs = 0
 % 25-30 lbs = 2
 % 20-25 lbs = 12
 % 15-20 lbs = 31
 % 10-15 lbs = 32
 % culls = 23



PX 11052889 (Seminis)
 Tot Mkt yld = 74,938 lbs/A
 %> 30 lbs = 1
 % 25-30 lbs = 6
 % 20-25 lbs = 9
 % 15-20 lbs = 38
 % 10-15 lbs = 33
 % culls = 13



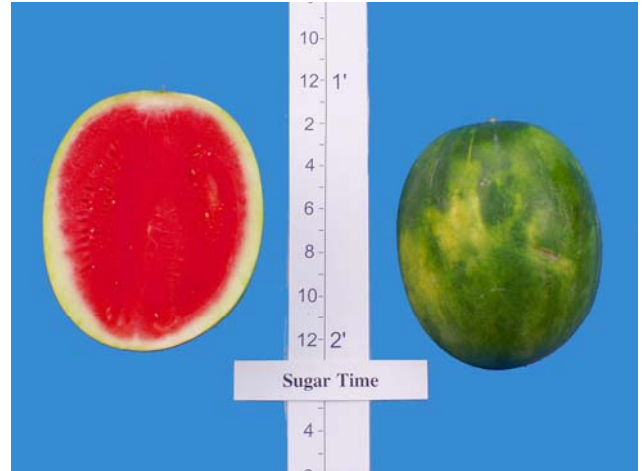
Campeche (Shamrock)
 Tot Mkt yld = 52,135 lbs/A
 % > 30 lbs = 10
 % 25-30 lbs = 16
 % 20-25 lbs = 21
 % 15-20 lbs = 19
 % 10-15 lbs = 0
 % culls = 34



Cha Cha Cha (Shamrock)
 Tot Mkt yld = 60,332 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 11
 % 15-20 lbs = 26
 % 10-15 lbs = 42
 % culls = 20



Sugar Shack (Sugar Creek)
 Tot Mkt yld = 59,825 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 2
 % 20-25 lbs = 2
 % 15-20 lbs = 26
 % 10-15 lbs = 55
 % culls = 15



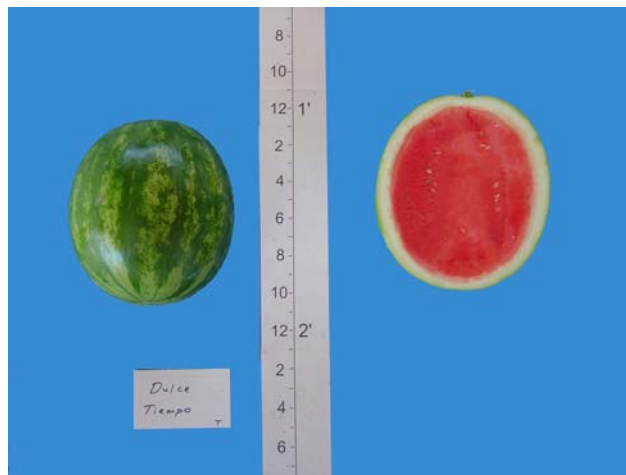
Sugar Time (Sugar Creek)
 Tot Mkt yld = 40,524 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 1
 % 15-20 lbs = 27
 % 10-15 lbs = 41
 % culls = 30



Summerville (Sugar Creek)
 Tot Mkt. yld = 50,086 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 0
 % 20-25 lbs = 1
 % 15-20 lbs = 21
 % 10-15 lbs = 46
 % culls = 32



Afternoon Delight (Valley Star)
 Tot Mkt. yld = 75,221 lbs/A
 % > 30 lbs = 0
 % 25-30 lbs = 1
 % 20-25 lbs = 17
 % 15-20 lbs = 33
 % 10-15 lbs = 35
 % culls = 14



Dulce Tiempo (Valley Star)
 Tot Mkt. yld = 65,790 lbs/A
 % > 30% lbs = 0
 % 25-30 lbs = 0
 % 20-25 lbs = 5
 % 15-20 lbs = 28
 % 10-15 lbs = 53
 % Culls lbs = 14



Ole (Willhite)
Tot Mkt yld = 69,174 lbs/A
%> 30 lbs = 9
% 25-30 lbs = 18
% 20-25 lbs = 19
% 15-20 lbs = 23
% 10-15 lbs = 0
% culls = 31



WX 257 (Willhite)
Tot Mkt yld = 61,215 lbs/A
%> 30 lbs = 4
% 25-30 lbs = 25
% 20-25 lbs = 19
% 15-20 lbs = 21
% 10-15 lbs = 0
% culls = 31



WX 260 (Willhite)
Tot Mkt yld = 81,411 lbs/A
%> 30 lbs = 8
% 25-30 lbs = 13
% 20-25 lbs = 28
% 15-20 lbs = 16
% 10-15 lbs = 0
% culls = 35



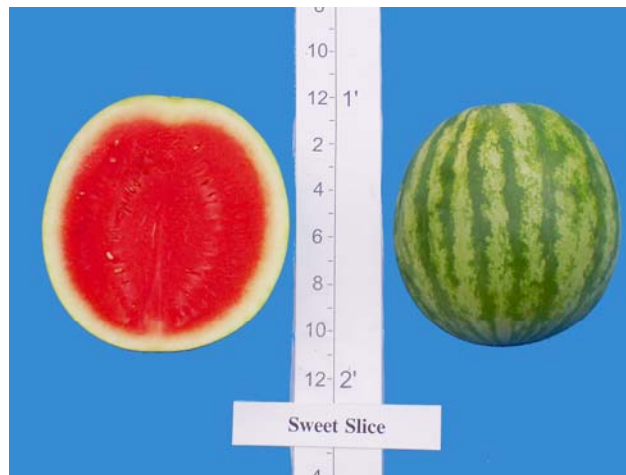
WX 263 (Willhite)
Tot Mkt yld = 62,365 lbs/A
%> 30 lbs = 3
% 25-30 lbs = 13
% 20-25 lbs = 29
% 15-20 lbs = 24
% 10-15 lbs = 0
% culls = 31



WX 265 (Willhite)
Tot Mkt yld = 70,669 lbs/A
% > 30 lbs = 3
% 25-30 lbs = 12
% 20-25 lbs = 26
% 15-20 lbs = 33
% 10-15 lbs = 0
Culls = 26



WX 29 (Willhite)
Tot Mkt yld = 71,001 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 1
% 20-25 lbs = 15
% 15-20 lbs = 43
% 10-15 lbs = 25
% Culls = 16



Sweet Slice (Willhite)
Tot Mkt yld = 73,868 lbs/A
% > 30 lbs = 0
% 25-30 lbs = 1
% 20-25 lbs = 14
% 15-20 lbs = 33
% 10-15 lbs = 34
% Culls = 18