

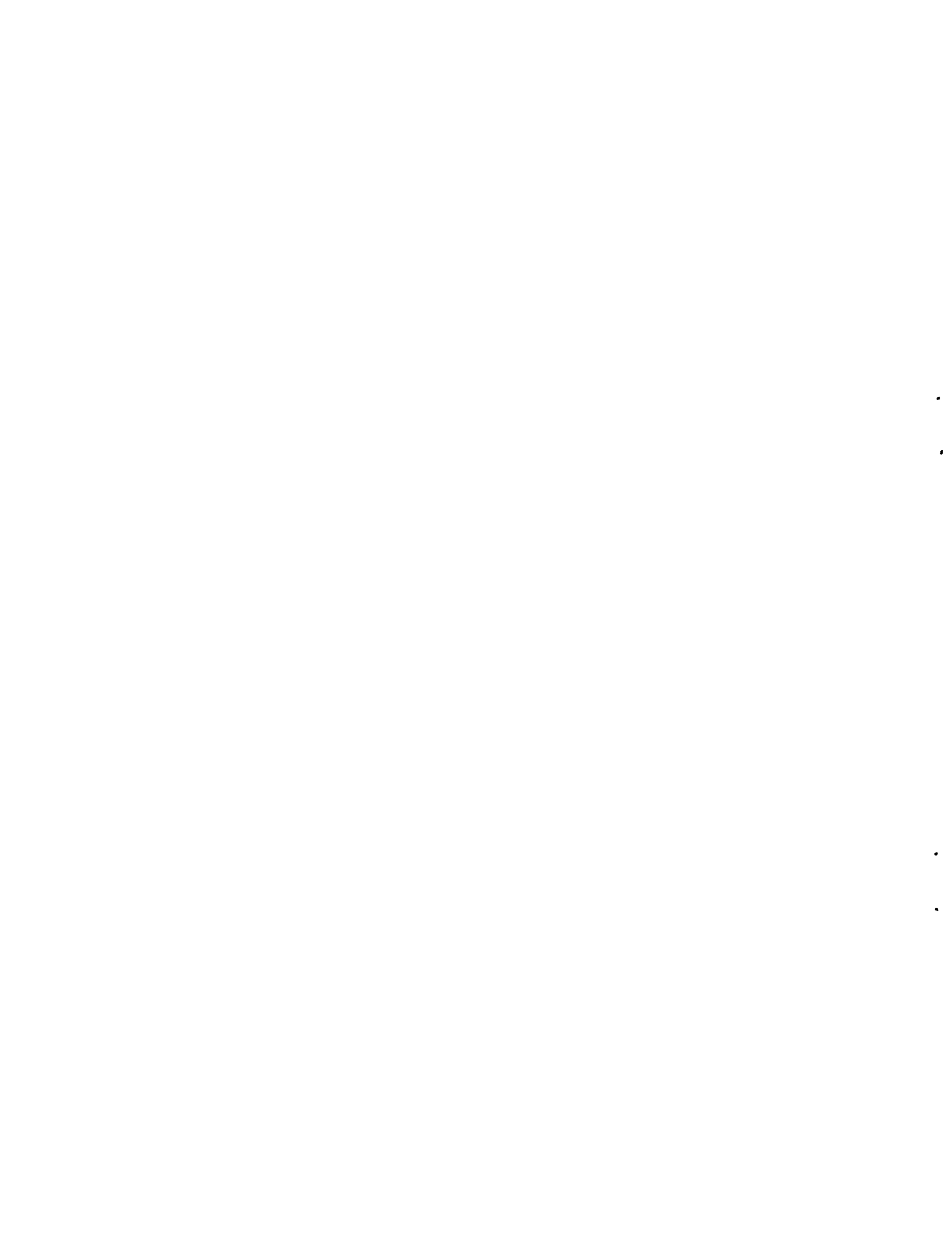
*Marketing Central & Western Arizona Grapes
1982 Season*



Federal-State Market News Service

*U. S. Department of Agriculture
Agricultural Marketing Service
Fruit & Vegetable Division*

*Arizona Vegetable Growers
Association*



F O R E W O R D

This publication presents a brief synopsis of information pertinent to the marketing of the 1932 grape crop in Central and Western Arizona. Some of this summary information is preliminary and subject to revision. Price adjustments, if made after shipment, are not shown in this summary. Prices shown are for stocks of generally good quality and condition.

Preparation of this summary was by M. J. Shine, Market Reporter, and Sonia Karnes of the Phoenix Federal-State Market News Office. Other sources of information include: Jack Kloth, In Charge, Federal-State Market News, El Centro, California; Kathleen A. Brubaker, In Charge, Market News, Nogales, Arizona; Arizona Fruit and Vegetable Standardization under the supervision of Mr. R. W. Knaack, Phoenix and Mr. Bob Lee, Inspector in Charge of the Yuma office; Pacific Fruit Express Company; Santa Fe and Southern Pacific Railroads and the NOAA weather service of the U. S. Department of Commerce.

We also wish to express our sincere appreciation to all grape growers, shippers and buyers for their fine cooperation and time, which made these reports possible.

Additional copies of this summary may be obtained from the following offices:

Federal-State Market News
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CENTRAL & WESTERN ARIZONA GRAPES - 1982 SEASON

HIGHLIGHTS: The season was late in starting. Yields were up slightly in Central Arizona, but sharply in Western Arizona. FOB average prices were generally below the 1981 season's.

ACREAGE: The bearing acreage from Central Arizona totaled 2,432, up 316 acres from 1981 and 327 over the previous 5 year average. Western Arizona was reported at 1,057 acres for 1982. This was a decrease of 71 acres from the two previous seasons and 51 acres below the previous 5 year average (see Table 1, page 7). The largest increase in Central Arizona again was Perlettes from 514 to 646 acres. Flame Seedless reported the next largest increase of 95 acres for its second year of production. Other increases reported were Thompson Seedless up 53 acres, Cardinals a plus 25 acres and Robins up 13 acres. A decrease of 10 acres of Exotics was noted. In Western Arizona Flame Seedless reported an increase of 30 acres, while all other varieties reflected a slight decrease. These figures were compiled by the Arizona Fruit and Vegetable Standardization.

MARKETING: Light movement of Perlettes started in Western Arizona on June 8th; 10 days later than a year ago. Central Arizona started 6 days later on June 14th, which was 12 days later than the previous season. The first official FOB was quoted at \$15.00-16.00 per lug on June 15th. This was \$7.00 per lug below the previous season. The market settled at the \$14.00-16.00 level, but closed on the 28th at \$12.00-14.00 per lug for the best quality. Interstate movement of Thompson Seedless from Central Arizona began on June 30th, 11 days later than June 1981. Western Arizona Thompson Seedless started on June 22nd, 10 days later than the previous season. Peak shipping day for Thompson Seedless was July 8th, for a combined total of 60,103 lugs for both districts. This was the same day as the Coachella Valley peak for Thompson Seedless and 7 days later than 1981 season. The first Arizona Thompson Seedless FOB market on June 29th was reported at \$14.00-15.00 per lug, which was unchanged from the 1981 opening price. The price level declined slightly on a daily basis, settling at \$11.00-12.00 per lug on July 7th. The FOB market price remained about unchanged, closing out on July 20th. The Cardinal market opened on June 24th at \$14.00 per lug. At the close of June, the price level declined to \$10.00-12.00 per lug. July 9th the market settled at the \$8.00-10.00 price range, which continued until the 19th. The market closed on July 20th at \$7.00-9.00 per lug. The Exotic FOB market opened at \$20.00 on June 29th; by July 19th the price level closed at \$14.00-16.00 per lug for the best quality. The first FOB Flame Seedless market ranged from \$13.00-16.00 per lug.

Listed below are the weekly shipments by rail and truck, and a weekly price range for Perlettes, Thompson Seedless, Cardinals and Exotics in 22 lb lugs for the 1982 season in Central and Western Arizona.

WEEK ENDING	SHIPMENTS (All varieties)				Perlettes	WEEKLY PRICE RANGE		
	Rail	Truck	Total			TSdls	Cards	Exotics
June	12	-	65	65	-	-	-	-
	19	3	158	161	15-16.00	-	-	-
	26	5	152	157	15-16.00	-	14.00	-
July	5	-	181	181	-	12-15.00	9-14.00	18-20.00
	10	4	304	308	-	11-13.00	8-11.00	16-18.00
	17	6	290	296	-	11-13.00	8-10.00	14-18.00
	24	2	93	95	-	11-12.00	7-10.00	14-16.00
	31	-	31	31				
August	7	-	18	18				
	14	-	5	5				
	21	-	1	1				

MOVEMENT AND PRODUCTION: According to the Arizona Fruit and Vegetable Standardization, totaled combined interstate movement was 1,339,549 lugs, up 225,938 from the 1981 season. Central Arizona total movement was 864,268 lugs, which was an increase of 139,521 over the previous season. A breakdown by variety was as follows: Thompson Seedless 560,483 lugs; Perlettes 228,775 lugs; Cardinals 26,746 lugs; Exotics 19,626 lugs; Flame Seedless 19,277 lugs; and 9,361 lugs of other varieties. The largest single increase was in Perlettes by 85,770 lugs, followed by Thompson Seedless with 32,418 lugs. Flame Seedless, in only its second year of production, advanced to 19,277 lugs from 3,727 lugs in the 1981 season. Western Arizona interstate volume totaled 475,281 lugs, which was an increase of 86,417 lugs from the previous season. Again, the primary varieties were Thompson Seedless 259,257 lugs, decreasing 13,939 lugs from 1981 and Perlettes 128,462 lugs, which was an increase of 62,404 lugs from the previous season.

The preliminary average yield per acre for all varieties, based on interstate movement in Central Arizona, was 355, up 12 lugs per acre from the 1981 season. Western Arizona was 450 lugs, up 105 from the 1981 season. (See Table 1, Page 7)

<u>VARIETY</u>	<u>START</u>		<u>PEAK DAY</u>	
	<u>1982</u>	<u>1981</u>	<u>1982</u>	<u>1981</u>
Robins	June 12	June 4	June 17 (1,920)	June 4 (1,307)
Perlettes	June 14	June 2	June 18 (30,380)	June 18 (13,957)
Cardinals	June 24	June 14	June 30 (2,216)	June 22 (2,530)
Thompson Sdls	June 30	June 19	July 8 (49,416)	July 1 (51,894)
Exotics	June 28	June 25	July 3 (1,230)	July 6 (1,970)
Flame Sdls	June 30	June 28	July 21 (1,790)	July 5 (540)

The peak day during the 1982 grape season was July 8th with 63,579 lugs from Central and Western Arizona. In Central Arizona the first day of 20,000 or more was June 18th, and the last day of 20,000 or better was July 19th. The last reported grape shipment was on August 16th.

PACKAGING: The major containers used were the standard 22 lb net weight lug and the 22 lb fiberboard container.

Interstate shipments by rail and truck for the past ten grape seasons were as follows:

<u>Year</u>	<u>CENTRAL ARIZONA</u>		<u>WESTERN ARIZONA</u>		<u>TOTAL ARIZONA</u>	
	<u>Rail</u>	<u>Truck</u>	<u>Rail</u>	<u>Truck</u>	<u>Rail</u>	<u>Truck</u>
1982	20*	835	-	463	20*	1298
1981	2*	713	-	378	2*	1091
1980	1*	632	-	488	1*	1120
1979	10	737	-	441	10	1178
1978**	1	913	8	348	9	1261
1977	10	500	-	251	10	751
1976	21	592	12	237	33	829
1975	76	490	40	226	116	716
1974	75	510	31	195	106	705
1973	253	347	61	134	314	661
1972	290	425	43	138	333	563

* Includes Rail-truck

** Effective January 1, 1978
 rail = 2636 - 22 lb lugs
 rail-truck = 1636 22 lb lugs
 truck = 1000 - 22 lb lugs

Table 1

CENTRAL & WESTERN ARIZONA BEARING GRAPE ACREAGE AT HARVEST TIME
LUGS SHIPPED INTERSTATE, AVERAGE LUGS PER
ACRE SHIPPED INTERSTATE
1973-1982 SEASONS

CENTRAL ARIZONA

SEASON	ACRES	LUGS SHIPPED INTERSTATE	LUGS PER ACRE SHIPPED INTERSTATE
1982	2,432	864,268	355
1981	2,116	724,747	343
1980	2,034	632,863	311
1979	2,020	750,113	371
1978	2,204	912,045	414
1977	2,154	634,048	294
1976	2,228	778,651	351
1975	2,247	707,688	315
1974	2,365	772,779	327
1973	3,079	751,766	244

WESTERN ARIZONA

SEASON	ACRES	LUGS SHIPPED INTERSTATE	LUGS PER ACRE SHIPPED INTERSTATE
1982	1,057	475,281	450
1981	1,128	388,864	345
1980	1,128	490,000	434
1979	1,099	441,321	402
1978	1,100	361,978	329
1977	1,086	323,126	298
1976	982	302,029	308
1975	982	354,129	361
1974	962	296,676	308
1973	995	256,434	258

Source: Arizona Fruit and Vegetable Standardization

Table 2

ARIZONA GRAPE BEARING ACREAGE AT HARVEST TIME
BY VARIETIES 1982, 1981 & 1980

<u>CENTRAL ARIZONA</u>	<u>1982</u>	<u>1981</u>	<u>1980</u>
Thompson Seedless	1431	1373	1378
Cardinals	145	120	100
Perlettes	646	514	444
Exotics	71	81	97
Robins	31	15	15
Flame Seedless	108	13	-
TOTAL	2432	2116	2034
<u>WESTERN ARIZONA</u>			
Thompson Seedless	673	718	718
Cardinals	98	112	112
Perlettes	227	248	248
Exotics	22	42	42
Beauty Seedless	7	8	8
Flame Seedless	30	-	-
TOTAL	1057	1128	1128
<u>TOTAL ARIZONA</u>			
Thompson Seedless	2104	2091	2096
Cardinals	243	232	212
Perlettes	873	762	692
Exotics	93	123	139
Robins	31	15	15
Beauty Seedless	7	8	8
Flame Seedless	138	13	-
TOTAL	3489	3244	3162

Source: Arizona Fruit & Vegetable Standardization

Table 3

PACKAGES GRAPES SHIPPED BY VARIETIES CENTRAL AND WESTERN
ARIZONA AND COACHELLA DISTRICTS 1982 & 1981 SEASONS

	<u>CENTRAL ARIZONA</u>		<u>WESTERN ARIZONA</u>		<u>COACHELLA VALLEY</u>	
	<u>1982</u>	<u>1981</u>	<u>1982</u>	<u>1981</u>	<u>1982</u>	<u>1981</u>
Robins	8,982	5,868	-	-	33,029	21,000
Perlettes	228,775	143,005	128,462	66,058	2,585,163	1,060,676
Cardinals	26,746	26,522	63,054	33,203	301,644	207,550
Thompson Seedless	560,483	528,065	259,257	273,196	2,375,286	1,412,989
Exotics	19,626	17,381	13,061	15,118	106,575	78,346
Beauty Seedless	379	179	3,514	1,289	53,919	27,284
Flame Seedless	19,277	3,727	7,933	-	457,215	136,959
Misc. Varieties	-	-	-	-	297,766	177,026
TOTALS	864,268	724,747	475,281	388,864	6,210,597	3,121,830

Source: Arizona Fruit and Vegetable Standardization

Coachella Valley - Federal-State Market News Office, El Centro, California
Miscellaneous varieties include Imperial Cardinals, Berenda Reds, Richard Blacks,
Superior Seedless, Italian Muscats and Fiesta Seedless.
Coachella 1982 figures through July 30, 1982
Arizona 1982 figures through August 16, 1982

Table 4

SHIPPING POINT FOB PRICE RANGES CENTRAL & WESTERN ARIZONA GRAPES
BY VARIETIES AND DAYS JUNE 15 TO JULY 20
22 LB LUGS

Date	PERLETTES	CARDINALS	THOMPSON SEEDLESS	EXOTICS	FLAME SEEDLESS
June 15	15.00-16.00				
16	15.00-16.00				
17	15.00-16.00				
18	15.00-16.00				
21	15.00-16.00				
22	14.00-16.00				
23	14.00-16.00	14.00			
24	14.00-15.00	14.00			
25	13.00-15.00	14.00			
28	12.00-14.00	12.00-14.00			
29	insufq	11.00-13.00	14.00-15.00	20.00	
30		10.00-12.00	13.00-14.00	18.00-20.00	
July 1		9.00-12.00	13.00-14.00	18.00	14.00-16.00
2		9.00-11.00	12.00-13.00	18.00	14.00-16.00
6		9.00-11.00	11.00-13.00	16.00-18.00	14.00-15.00
7		10.00	11.00-12.00	16.00	14.00-15.00
8		10.00	11.00-12.00	16.00	14.00
9		8.00-10.00	11.00-12.00	16.00	13.00-15.00
12		8.00-10.00	11.00-12.00	16.00-18.00	14.00-16.00
13		8.00-10.00	11.00-12.00	16.00-18.00	14.00-16.00
14		8.00-10.00	11.00-13.00	16.00-18.00	14.00-16.00
15		8.00-10.00	11.00-13.00	14.00-18.00	14.00-16.00
16		8.00-10.00	11.00-13.00	14.00-16.00	14.00-16.00
19		8.00-10.00	11.00-12.00	14.00-16.00	14.00-15.00
20	Last Report	7.00- 9.00	11.00-12.00	insufq	insufq

Table 5

WEST MEXICO FOB SHIPPING POINT PRICE RANGES MOGALES, AZ
GRAPES BY VARIETIES JUNE 2 TO JULY 8
22 LB LUGS

Date	PERLETTES	CARDINALS	THOMPSON SEEDLESS	FLAME SEEDLESS
June 2	16.00			
3	14.00-16.00			
4	14.00			
7	insufq			
8	14.00			
9	14.00			
10	15.00			
11	15.00			
14	insufq			
15	15.00-16.00			18.00-20.00
16	15.00-16.00			16.00-18.00
17	15.00-16.00			16.00-18.00
18	15.00			16.00-18.00
21	insufq			insufq
22	insufq	12.00-14.00	16.00	14.00-16.00
23		12.00	15.00-16.00	13.00-14.00
24		12.00	15.00-16.00	13.00-14.00
25		10.00-12.00	14.00-16.00	13.00-14.00
28		10.00-12.00	14.00	14.00-15.00
29		10.00	12.00-14.00	insufq
30		8.00-10.00	12.00	
July 1		8.00-10.00	12.00	
2		8.00-10.00	10.00-12.00	
6		8.00-10.00	10.00-12.00	
7		8.00-10.00	10.00-12.00	
8	Last Report	8.00-10.00	10.00-12.00	

insufq = insufficient to quote

Table 6

SHIPPING POINT FOB PRICE RANGES COACHELLA VALLEY
CALIFORNIA GRAPES BY VARIETIES JUNE 1 TO JULY 16
22 LB LUGS

Date	PERLETTES	CARDINALS	THOMPSON SEEDLESS	BEAUTY SEEDLESS	EXOTICS	FLAME SEEDLESS
June 1	18.00					
2	16.00-18.00					
3	16.00					
4	16.00	16.00-18.00				
7	14.00	16.00-18.00				25.00
8	14.00	16.00-18.00				25.00
9	14.00-15.00	16.00-18.00				22.00-25.00
10	14.00-15.00	16.00				22.00-25.00
11	14.00-15.00	16.00				21.00-24.00
14	15.00-16.00	15.00-16.00		20.00-22.00		18.00-22.00
15	15.00-16.00	15.00-16.00		20.00-22.00		18.00-22.00
16	15.00-16.00	15.00-16.00		20.00-22.00		18.00-22.00
17	15.00-16.00	15.00-16.00		20.00-22.00		18.00-21.00
18	15.00-16.00	15.00-16.00		20.00-22.00		18.00-20.00
21	15.00-16.00	14.00-16.00		20.00-22.00		16.00-18.00
22	15.00-16.00	14.00-16.00		18.00-21.00		16.00-18.00
23	14.00-16.00	14.00-15.00		18.00-20.00		16.00-18.00
24	14.00-15.00	13.00-15.00		18.00-20.00		16.00-18.00
25	14.00-15.00	13.00-15.00		18.00-20.00	20.00-22.00	16.00-18.00
28	insufq	12.00	15.00-16.00	insufq	20.00	15.00-16.00
29		10.00-12.00	14.00-15.00		18.00-20.00	14.00-16.00
30		10.00-12.00	13.00-14.00		18.00-20.00	14.00-16.00
July 1		9.00-12.00	13.00-14.00		18.00-20.00	14.00-16.00
2		9.00-12.00	13.00-14.00		18.00-20.00	14.00-16.00
6		9.00-10.00	12.00-13.00		18.00-20.00	14.00-16.00
7		9.00-10.00	12.00-13.00		18.00-20.00	15.00-16.00
8		9.00-10.00	12.00-13.00		18.00-20.00	15.00-18.00
9		9.00-10.00	12.00-13.00		18.00-20.00	15.00-18.00
12		9.00-10.00	12.00-13.00		16.00-18.00	insufq
13		8.00-10.00	12.00-13.00		16.00-18.00	
14		8.00-10.00	12.00-13.00		15.00-18.00	
15		insufq	12.00-13.00		insufq	
16	Last Report		12.00-13.00			

insufq = supplies insufficient to quote

Table 7

RAIL & TRUCK SHIPMENTS OF GRAPES BY DISTRICTS AND DAYS MAY 21-JULY 31, 1982
IN 10,000 LB UNITS

DATE	CENTRAL ARIZONA		WESTERN ARIZONA		COACHELLA VLY			CENT CALIFORNIA			TOTAL U. S.			WEST MEXICO	
	Rail	Truck	Total	Truck	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck		Total
MAY 21 THRU															
JUNE 7	-					37	1645	1682				37	1645	1682	508
8				17	17	4	447	451				4	464	468	94
9				27	27	7	439	446				7	466	473	140
10				29	29	43	403	446				43	432	475	116
11				35	35	47	341	388				47	376	423	112
12		3	3	32	32	29	-	29				29	35	64	103
13		-	-	21	21	4	-	4				4	21	25	56
14		8	8	33	33	-	480	480				-	521	521	21
15		14	14	22	22	-	493	498				-	534	534	86
16	4	20	24	22	22	8	497	505				12	539	551	100
17		42	42	17	17	11	459	470				11	518	529	108
18	4	64	68	21	21	26	389	415				30	474	504	109
19	4	50	54	11	11	29	-	29				33	61	94	87
20		11	11	1	1	4	-	4				4	12	16	44
21		44	44	8	8	-	395	395				-	447	447	53
22	7	24	31	12	12	8	378	386				15	414	429	115
23	11	27	38	15	15	4	323	327				15	365	380	144
24		32	32	20	20	4	301	305				4	353	357	134
25		50	50	20	20	15	256	271				15	326	341	128
26		49	49	22	22	-	-	-				-	71	71	113
27		13	13	1	1	4	-	4				4	14	18	71
28		14	14	26	26	-	381	381				-	421	421	48
29		18	18	32	32	7	408	415				7	458	465	116
30		15	15	31	31	21	425	446				21	471	492	147
JULY															
1		28	28	29	29	33	392	425				33	449	779	142
2		47	47	44	44	53	211	264				53	302	355	106
3		53	53	48	48	75	-	75				75	202	176	87
4	4	1	5	17	17	36	-	36				40	18	58	37
5		21	21	16	16	4	-	4				4	37	41	21
6		79	79	42	42	4	461	465				4	582	586	55
7	4	81	85	40	40	25	447	472				29	568	597	16
8	4	112	116	25	25	26	483	509				30	620	650	12
9		75	75	51	51	51	315	366				51	441	492	42
10	6	76	82	33	33	54	-	54				60	109	169	28
11		29	29	-	-	29	-	29				29	29	58	22
12		86	86	26	26	-	435	435			18	18	565	565	30
13	4	87	91	42	42	14	388	402			31	31	548	566	29
14	4	97	101	36	36	30	366	396			4	38	42	537	575
15	11	59	70	49	49	18	278	296			11	79	90	465	505
16		54	54	14	14	44	190	234			7	106	113	364	415
17	4	73	77	17	17	33	89	122			11	83	94	262	310
18	7	4	11	7	7	22	-	22			7	8	15	19	55
19	4	43	47	9	9	8	133	141			-	128	128	313	325
20		30	30	2	2	18	95	113			7	213	220	340	365
21		41	41	5	5	18	55	73			33	387	420	51	488
22		22	22	10	10	19	23	42			33	319	352	52	374
23		15	15	5	5	14	14	28			18	347	365	32	361
24		9	9			11	-	11			43	289	332	54	298
25	4	6	10								7	43	50	11	49
26		10	10				3	3			6	350	356	6	363
27		16	16	5	5		8	8			18	351	369	18	380
TOTAL	86	1752	1838	1047	1047	951	12851	13802	205	2790	2995	1242	18440	19682	3561

NOTE: Rail shipments also include rail-truck....Total rail-truck for all districts, 1224 units

Rail = 50,000 lbs; Rail-truck = 33,000 lbs.

Table 8

PACKAGE MOVEMENT OF CENTRAL ARIZONA GRAPES BY DAYS AND VARIETIES 1982 SEASON

Date	Th. Sdls	Perlettes	Exotics	Cardinals	Robins	Bty. Sdls	Total
June 12					960		960
13					120		120
14		3,060			720		3,780
15		5,001			1,380		6,381
16		9,492			1,020		10,512
17		17,184			1,920		19,104
18		30,380			300		30,680
19		22,478			1,680		24,158
20		4,860			-		4,860
21		19,500			720		20,220
22		14,371			-		14,371
23		16,860			-	379	17,239
24		13,710		805	-		14,515
25		22,590		-	-		22,590
26		21,001		1,014	162		22,177
27		5,730		180			5,910
28		6,187	120	149			6,456
29		7,756	300	70		Flame Sdls	8,126
30	2,340	1,710	360	2,216		15	6,641
July 1	4,500	4,270	265	1,090		85	10,210
2	19,460	1,225	180	150		420	21,435
3	19,092	1,230	2,700	360		420	23,802
4	1,680	-	240	240		-	2,160
5	9,450	-	-	-		-	9,450
6	33,556	-	695	1,530		210	35,991
7	34,530	180	1,620	2,024		156	38,510
8	49,416	-	600	1,165		1,149	52,330
9	30,644	-	495	3,135		-	34,274
10	31,788	-	660	1,800		165	34,413
11	9,201	-	1,020	1,710		1,449	13,380
12	37,430	-	360	976		120	38,886
13	38,829	-	260	1,313		780	41,182
14	42,428	-	1,260	460		1,380	45,528
15	30,270	-	543	330		480	31,623
16	20,172	-	624	1,890		1,707	24,393
17	31,554	-	1,360	360		1,618	34,892
18	4,590	-	210	60		360	5,220
19	19,888	-	420	345		620	21,273
20	12,630	-	483	120		210	13,443
21	15,035	-	862	1,917		1,790	19,604
22	9,810	-	180	-		120	10,110
23	5,808	-	360	120		734	7,022
24	5,250	-	90	-		450	5,790
25	1,620	-	-	977		-	2,597
26	4,140	-	180	-		-	4,320
27	6,255	-	330	240		492	7,317
28	2,340	-	990	-		-	3,330
29	3,240	-	360	-		540	4,140
30	2,040	-	180	-		-	2,220
31	2,700	-	-	-		2	2,702
Aug 1	1,620	-	540	-		360	2,520
2	-	-	-	-		-	-
3	810	-	-	-		810	1,620
4-16	16,367	-	779	-		2,635	19,781
TOTAL	560,483	228,775	19,626	26,746	8,982	Btys 379 Flames 19,277	864,268

Source: Arizona Fruit & Vegetable Standardization - Lug count through August 16th.

Table 9

PACKAGE MOVEMENT OF WESTERN ARIZONA GRAPES BY DAYS AND VARIETIES
AND TOTAL DAILY PACKAGES FROM CENTRAL AND WESTERN ARIZONA FOR THE 1982 SEASON

Date	Th. Sdls	Perlettes	Exotics	Cardinals	Bty. Sdls	Flm. Sdls	Total	Total Cent & West Arizona
June 8		7,680					7,680	7,680
9		12,072					12,072	12,072
10		13,284					13,284	13,284
11		15,690					15,690	15,690
12		14,325			396		14,721	15,681
13		9,492					9,492	9,612
14		14,226		132	66	66	14,490	18,270
15		8,772		132	594	680	10,178	16,559
16		6,366		2,502	264	726	9,858	20,370
17		5,557		198	462	1,320	7,537	26,641
18		6,488		1,122	1,056	990	9,656	40,336
19		1,848		1,625	214	792	4,479	28,637
20		132		66		66	264	5,124
21		1,848		990	198	726	3,762	23,982
22	1,080	650		3,366	264		5,360	19,731
23	1,320	1,056		3,894		528	6,798	24,037
24	3,606	2,178		3,234		132	9,150	23,665
25	5,910	132		2,046		396	8,484	31,074
26	6,858		141	3,432			10,431	32,608
27	132		33	66		72	303	6,213
28	9,582	858		1,280			11,720	18,176
29	13,008	528		858		198	14,592	22,718
30	9,840	330		3,000		462	13,632	20,273
July 1	10,848	264		2,046		66	13,224	23,434
2	15,372	1,188		3,366		185	20,111	41,546
3	21,210		264	396		66	21,936	45,738
4	7,662						7,662	9,822
5	6,732						6,732	16,182
6	11,928	1,454	3,300	2,112		198	18,992	54,983
7	13,494		2,468	2,244		198	18,404	56,914
8	10,692		95	396		66	11,249	63,579
9	19,410		1,626	1,980			23,016	57,290
10	12,297	856	444	627			14,224	48,637
11	264			330			594	13,974
12	11,490		126				11,616	50,502
13	13,398		588	5,082			19,068	60,250
14	10,820		1,644	2,530			14,994	60,522
15	16,096	1,188	1,156	4,119			22,559	54,182
16	4,659			1,860			6,519	30,912
17	5,643		120	2,706			8,469	43,361
18	2,970			326			3,296	8,516
19	2,376			1,782			4,158	25,431
20	792			264			1,056	14,499
21	1,320		1,056				2,376	21,980
22	2,442			2,087			4,529	14,639
23	2,244						2,244	9,266
24	198						198	5,988
25								2,597
26								4,320
27	1,716						1,716	9,033
28	1,848						1,848	5,178
29				858			858	4,998
30								2,220
July 31-Aug 16								26,623
TOTAL	259,257	128,462	13,061	63,054	3,514	7,933	475,281	1,339,549

Source: Arizona Fruit & Vegetable Standardization - Lug count through August 16th.

Table 10

PACKAGE MOVEMENT OF COACHELLA VALLEY GRAPES BY DAYS AND VARIETIES
1982 SEASON

Date	Perlettes	Cardinals	Bty Sdls	Sup Sdls	Th Sdls	Exotics	Flm Sdls	**Other Varieties	Total
MAY 24									
THRU 31	125,924	3,996		4,600			1,059	3,315	138,894
June 1	82,278	3,381		679			1,412	2,017	89,767
2	96,022	3,700		757			1,410	1,910	103,799
3	109,913	4,791		472			751	2,998	118,925
4	116,402	5,596	93	-			2,506	3,080	127,677
5	-	-	-	-			-	-	-
6	-	-	-	-			-	-	-
7	155,278	9,042	1,649	-			9,523	5,173	180,665
8	171,080	10,749	2,157	-			14,806	5,795	204,587
9	176,822	11,022	1,284	-			8,261	5,025	202,414
10	167,903	14,568	5,681	-			5,764	4,939	198,855
11	171,548	12,923	2,687	-			7,766	5,036	199,960
12	-	-	-	-			-	-	-
13	-	-	-	-			-	-	-
14	179,864	14,359	2,605	-			17,128	4,203	218,159
15	177,073	14,206	3,167	-			26,505	5,581	226,532
16	185,659*	16,979	2,861	-		988	17,065	5,492	229,044
17	156,695	17,465	7,230	3,570		1,119	20,587	4,826	211,492
18	139,424	17,181	7,073	4,268		1,146	25,595	4,525	199,212
19	-	-	-	-			-	-	-
20	-	-	-	-			-	-	-
21	115,992	15,759	5,274	5,413	2,440	1,421	29,646	3,502	179,447
22	86,738	19,989	4,253	13,079	4,751	3,387	36,064	5,253	173,514
23	63,195	16,054	4,301	11,115	12,332	2,354	35,888	3,180	148,419
24	53,851	15,850	2,291	12,137	26,808	1,961	22,761	2,574	138,233
25	27,575	11,079	1,212	16,711	31,508	6,187	28,217	1,426	123,915
26	-	-	-	-			-	-	-
27	-	-	-	-			-	-	-
28	7,242	14,752	41	25,630	98,262	8,699	18,528	-	173,154
29	5,984	13,013	60	24,060	116,910	3,510	23,135	229	186,901
30	3,957	5,171	-	25,675	135,923	7,045	20,351	2,369	200,491
July 1	3,099	3,224	-	30,703	121,788	9,223	20,340	1,655	190,032
2	2,065	3,291	-	24,343	110,410	7,415	9,915	-	157,439
3	-	-	-	-			-	-	-
4	-	-	-	-			-	-	-
5	-	-	-	-			-	-	-
6	1,626	2,058	-	10,217	176,878	11,441	7,752	942	210,914
7	832	5,079	-	10,943	175,176	10,440	7,222	942	210,634
8	923	2,305	-	12,274	194,427	9,823	8,636	64	228,452
9	163	2,870	-	5,520	176,546	6,016	7,521	-	198,636
10	-	-	-	-			-	-	-
11	-	-	-	-			-	-	-
12	36	3,676	-	-	187,369	3,520	2,991	-	197,592
13	-	3,123	-	-	171,300	4,938	3,127	-	182,488
14	-	3,116	-	-	167,437	3,659	2,960	1,031	178,203
15	-	519	-	-	127,706	294	3,736	1,547	133,802
16	-	758	-	-	98,503	-	5,131	-	104,392
17	-	-	-	-	62,487	-	273	-	62,760
18	-	-	-	-	-	-	-	-	-
19	-	-	-	-	63,726	332	843	-	64,901
20	-	-	-	-	48,265	104	753	-	49,122
21	-	-	-	-	26,785	817	472	-	28,074
22-30	-	-	-	-	37,549	736	815	-	39,100
TOTAL	2,585,163	301,644	53,919	242,166	2,375,286	106,575	457,215	88,629	6,210,597

Source: Daily wires from Federal-State Market News Service, El Centro, CA. *Largest single day on record.

**Imperial Cardinals = 4,608, Berenda Reds = 40,231, Richard Blacks = 6,201, Robins = 33,029, Italian Muscats = 2,578, Fiesta Sdls = 1,982. All figures are preliminary and subject to correction.

Table 11

DAILY MAXIMUM & MINIMUM TEMPERATURES AND PRECIPITATION
MAY, JUNE & JULY 1982, PHOENIX SKY HARBOR AIRPORT

Date	<u>M A Y</u>			<u>J U N E</u>			<u>J U L Y</u>		
	Max	Min	Prec	Max	Min	Prec	Max	Min	Prec
1	96	73	.06	97	72	-	100	73	-
2	95	71	T	100	70	-	104	76	-
3	97	69	T	97	69	-	105	74	-
4	83	64	.38	100	68	-	104	77	-
5	80	62	.03	95	73	-	98	79	-
6	89	61	-	97	66	-	94	74	.18
7	95	63	-	99	69	-	93	74	.01
8	97	67	-	98	70	-	101	78	-
9	86	66	-	100	68	-	105	82	-
10	81	61	-	102	72	-	109	80	-
11	82	60	T	104	72	-	112	78	-
12	81	57	.03	105	72	-	113	82	-
13	90	59	-	102	73	-	111	83	-
14	93	62	-	97	73	-	113	85	-
15	92	66	-	101	72	-	110	89	T
16	96	65	-	105	76	-	108	89	-
17	99	70	-	107	82	-	106	82	.01
18	101	72	-	101	74	-	106	85	-
19	95	69	-	103	77	-	109	87	T
20	97	69	-	104	75	-	109	88	-
21	100	68	-	103	76	-	108	89	-
22	98	70	-	104	74	-	102	79	.08
23	101	67	-	103	73	-	110	85	.01
24	102	70	-	103	75	-	108	85	T
25	100	74	-	105	77	-	100	83	T
26	101	75	T	108	76	-	103	80	.04
27	91	71	-	110	79	-	101	80	T
28	93	68	-	103	78	-	106	86	-
29	97	71	-	108	80	-	103	89	T
30	94	71	-	102	84	T	107	86	T
31	100	69	-				107	84	.10
Average	93.6	67.1	.50	102.3	73.8	T	105.3	82.0	.43
	80.4			88.1			93.7		

Table 12

AVERAGE MONTHLY TEMPERATURES AT SKY HARBOR AIRPORT
PHOENIX, ARIZONA FEBRUARY TO JULY
1977-1982

	<u>1982</u>	<u>1981</u>	<u>1980</u>	<u>1979</u>	<u>1978</u>	<u>1977</u>
February	60.1	61.4	60.6	55.7	58.7	61.7
March	62.4	63.8	60.7	60.4	65.1	60.8
April	72.5	76.0	69.8	70.1	69.2	73.5
May	80.4	80.5	76.0	78.1	78.5	75.7
June	88.1	93.4	88.9	89.5	90.9	91.4
July	93.7	95.2	95.6	93.8	94.6	95.0

Source: U. S. Dept. of Commerce, Environmental Data Service

Table 13

WHOLESALE PRICES FOR ARIZONA & MEXICO GRAPES IN MAJOR TERMINAL
MARKETS 1982 SEASON, BY DAYS

PER LETTES

DATE	ATLANTA	BOSTON	CHICAGO	DALLAS	NEW YORK	PHILADELPHIA
June 4	22.00-24.00*	18.00-24.00*	23.00*		22.00-25.00*	
7		18.00-20.00*	18.00-19.00*	18.00*	18.00-22.00*	
8		18.00-19.00*	18.00-19.00*		18.00-22.00*	19.00-20.00*
9	17.00-20.00*	18.00-19.00*	18.00-18.50*		16.00-18.00*	18.00-19.00*
10	17.00-19.00*	17.00-19.00*	18.00-18.50*		17.00-18.00*	18.00-19.00*
11	17.00-19.00*	18.00-19.00*		14.00*	17.00-18.00*	18.00-18.50*
14	17.00-19.00*	20.00-22.00*		14.00*	16.00-18.00*	18.00-19.00*
15	17.00-19.00*	21.00-22.00*	18.00-19.00*	14.00*	17.00-19.00*	20.00-22.00*
16	17.00-19.00*	22.00	18.00-19.00*	14.00*	17.00-19.00*	19.00-20.00*
17	17.00-19.00*	21.00-22.00*	19.00*	16.50-18.00*	20.00*	19.00-21.00*
18	17.00-19.00*	24.00-26.00	19.00*	16.50-18.00*		
21	17.00-19.00*	20.00-22.00*				18.00*
22	17.00-19.00*	21.00-22.00	18.00*	14.00*	17.75-19.00	18.00*
23		20.00-21.00	18.00*		18.00-20.00*	18.00-20.00*
24	17.00-19.00*	19.00-20.00	19.00		20.00-22.00	17.00-18.00
25	17.00-19.00*	19.00-22.00	19.00	18.00	18.00-19.00	17.00-18.00
28	16.00-17.00*	19.00	18.00-18.50	18.00	17.00-19.00	
29	16.00-17.00*	16.00-19.00*	18.00-18.50	17.50	14.00-15.00	17.00
30	16.00-17.00*	18.00-19.00	17.00*	17.50		17.00
July 1	16.00-17.00*	9.00-12.00*	15.00	16.50		13.00-16.00
2	16.00-17.00*		14.00	16.50		

CARDINALS

DATE	ATLANTA	BOSTON	CINCINNATI	DALLAS	DETROIT	PHILADELPHIA
June 21		19.00-21.00*	18.00*		19.50	19.00*
22	17.50-19.50*	18.00-20.00*	18.00*		19.50	19.00*
23		18.00-20.00*	18.00*		19.00	16.00*
24	17.50-19.50*		18.00*		19.50	16.00*
25	17.50-19.50*		18.00*	15.00*		16.00*
28	16.00-17.00*	18.00-19.00		14.50*	16.50*	16.00*
29		14.00-18.00*	18.50*	14.50*	16.50*	14.00*
30	16.00-17.00*	19.00*	17.00*	13.50*	12.00*	14.00*
July 1	16.00-17.00*		17.00*	14.50*	16.50	
2	16.00-17.00*	15.00-16.00*	16.00-17.00*		16.50	12.00*
6	16.00-17.00*			13.00*	14.00	12.00*
7	16.00-17.00*	18.00	14.00*	10.00*	14.50	
8	16.00-17.00*		13.00*	10.00*	13.50-14.00*	
9	12.50-13.50*		13.00*			
12	12.50-13.00*	13.50	13.00*	10.00*	16.00*	
13		13.50*		10.00*	12.50	
14	12.50-13.00*	10.00-12.00*	13.00*	10.00		
15	12.50-13.00*	10.00-11.00*	13.00*	10.00*	13.00*	13.00*
16	12.50-13.00*	8.00-11.00*	13.00*		18.00	13.00*
19	12.50-13.00*	10.00-12.00*	14.00*	9.00*	9.50-10.00*	12.00*
20	12.50-13.00*	10.00-12.00*	14.00*	9.00*		

* Mexico prices

In foregoing tables showing wholesale prices by varieties by days, information obtained from daily market wires. Complete information for these days may be secured by writing direct to the Market News Service in the cities listed.

Table 13 (continued)

WHOLESALE PRICES FOR ARIZONA & MEXICO GRAPES IN MAJOR TERMINAL
MARKETS 1982 SEASON, BY DAYS

(Prices shown are of good merchantable quality and condition. Prices followed by (+) are either small or medium size; fair, ordinary, poor quality or condition, and holdovers)

T H O M P S O N S E E D L E S S

DATE	ATLANTA	BOSTON	CHICAGO	CINCINNATI	DALLAS
June 21					
22					21.00*
23		22.00*			21.00*
24		22.00*			21.00*
25		18.00-19.00*			
28				17.50-18.50*	18.00-18.50*
29		17.00-20.00*	17.50-18.50*	20.50*	18.00-18.50*
30		17.00-20.00*	13.50-14.00*	19.00*	17.50-18.50*
July 1	16.50-17.00*	16.00-20.00*	13.50-14.00	19.00*	11.00-12.00*
2	16.50-17.00*	17.00-18.00*		19.00*	
6	16.50-17.00*		13.50-14.00		12.00*
7		18.00	13.50-14.00	17.00*	12.00*
8	16.50-17.00*	13.00-14.00	11.00-12.00	15.00-16.00*	12.00*
9	15.50-16.00*	16.00-17.00*	15.00	15.00-16.00*	12.00
12		12.00-13.00	14.00	15.50-16.00	12.00
13	14.00-15.50*	12.00-13.00*	14.00	16.00	12.00
14	14.00-15.50*	18.00		16.00	12.00
15	14.00-15.50*	19.00	15.00	16.00	12.00
16	14.00-15.50*	19.00-20.00	15.00	16.00	12.00
19	14.00-15.50*	15.00-16.00*	11.00*	16.00-17.00	14.00-16.00
20	14.00-15.50*	14.00-16.00*	11.00*	16.00-17.00	14.00-16.00
DATE	DENVER	DETROIT	NEW ORLEANS	NEW YORK	PHILADELPHIA
June 21				25.00	
22				22.00-23.00*	
23		23.00*		22.00-23.00*	15.00-16.00*
24		23.00*		22.00-23.00*	15.00-16.00*
25					
28		21.00-22.00*	20.50-23.00		16.00-18.00*
29	19.00-20.50*	22.50*		18.00-19.00*	20.00-22.00
30	19.00-20.25*	22.00*	20.50-23.00	18.00-19.00	20.00-22.00
July 1	18.50-20.25*		20.50-23.00	18.00-19.00*	
2			19.00-20.00	17.00-18.00*	10.00-14.00*
6	15.50-16.00*		19.00-20.00	13.00-15.00*	12.00-13.00*
7	15.50-16.00*		17.00-17.50	17.00-18.00	
8	15.50-16.00*		17.00-17.50		17.00-18.00*
9	15.50-16.00*	16.00*	17.00-17.50		
12	15.50-16.00*	16.50*			
13	15.50-16.00*	16.50			15.00
14	15.50-16.00*	16.50			13.00*
15	15.50-16.00*	16.00			
16	15.50-16.00*	16.00			
19				18.00	13.00-15.00*
20	16.00-18.00*				

*Mexico prices