

MARKETING CENTRAL ARIZONA GRAPES

1974 SEASON

FEDERAL-STATE MARKET NEWS SERVICE

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

**Arizona Fruit and Vegetable
Standardization Service
Bureau of Market News**

1. The first part of the document is a list of names.

2. The second part is a list of dates.

3. The third part is a list of locations.

4. The fourth part is a list of events.

5. The fifth part is a list of activities.

6. The sixth part is a list of people.

7. The seventh part is a list of places.

8. The eighth part is a list of things.

9. The ninth part is a list of people.

F O R E W O R D

This publication presents a brief synopsis of information pertinent to the marketing of the 1974 grape crop in Central Arizona. Since this summary was prepared near the end of the shipping season, it should be understood that some of the figures are not complete and subject to revision.

Preparation of this summary was by George M. Mason of the Federal-State Market News office in Phoenix, assisted by Tom Cooper, Yuma, Arizona and Jack Kloth, El Centro, California. Other sources of information include: The Arizona Fruit and Vegetable Standardization Service under the supervision of Mr. Loren J. Pike, Southern Pacific and Santa Fe Railroads, and the Phoenix weather bureau 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
2720 West Weldon Avenue
Phoenix, AZ 85017

U.S.D.A., Agricultural Marketing Service
Fruit and Vegetable Division,
Market News Branch
2503 South Bldg.
Washington, D.C. 20250



TABLE OF CONTENTS

TABLE NO.	NARRATIVE REVIEW	PAGE NO.
	Central Arizona Grapes for the 1974 Season	7- 8
	I. ACREAGE, YIELD AND PRODUCTION	
1.	Central and Western Arizona (all varieties)	9
2.	Central and Western Arizona by varieties	10
3.	Arizona and Coachella Valley total package count by varieties for the past three years	10
	II. SHIPPING POINT PRICES	
4.	Central Arizona	11
5.	Coachella Valley	11
	III. MOVEMENT	
6.	Rail and truck shipments by days	12
7.	Daily packages by varieties - Coachella Valley	13
8.	Daily packages by varieties - Central Arizona	14
9.	Daily packages by varieties - Western Arizona	15
10.	1973 unloads in 41 U. S. Cities and 5 Canadian Cities	16
	IV. TERMINAL PRICES	
11.	Wholesale prices in Major Terminals by days	17-19
12.	Auction Sales	20
13.	Average prices and total packages by varieties for all auction sales for the past three years	20
	V. WEATHER	
14.	Minimum and maximum daily temperatures, precipitation at Phoenix Sky Harbor Airport for May, June and July 1974	21
15.	Average monthly temperatures at Phoenix Sky Harbor Airport for the past six years	21



CENTRAL ARIZONA GRAPES - 1974 SEASON

The 1974 grape season in Central Arizona was considered a financial success for all. The season was almost ten days earlier than the previous season. 22 lb lugs of Thompson Seedless generally ranged from \$ 8.50-9.00 and Cardinals mostly \$ 7.00-8.00. The higher FOB return and increased yields greatly enhance this grape season.

The bearing acreage in Central Arizona was down 614 acres on the four major varieties. Thompson Seedless at 1,536 acres reflected the largest drop of 422 acres. This was followed by Cardinals reported at 352 acres, decreasing 180 acres. Perlettes and Exotics were down 63 and 69 acres respectfully. Western Arizona Cardinal acreage was down 33 acres, while other varieties remained unchanged.

Listed below are the weekly price range (Cardinals, Thompson Seedless and Exotics in 22 lb lugs) and the number of rail cars and trucks shipped by weeks for the 1974 season in Central Arizona:

<u>WEEK ENDING</u>		<u>SHIPMENTS (All Varieties)</u>			<u>WEEKLY PRICE RANGE</u>		
		Rail	Truck	Total	TSdls	Cards	Exotics
June	8	1	1	2	-	-	-
	15	15	28	43	-	-	-
	22	1	30	31	-	8.00	-
	29	10	127	137	9.00	8.00	9.00-10.00
July	6	27	149	176	8.50-9.00	7.00-9.00	9.00-10.00
	13	20	105	125	8.50-9.00	7.00-8.00	9.00-10.00
	20	1	53	54	-	-	-
	27	-	15	15	-	-	-
Aug	3	-	2	2	-	-	-

Interstate shipments for Central Arizona totaled 585 including 75 by rail and 510 carlot equivalents by truck as compared to 253 cars and 347 truck for the 1973 season. Movement for Western Arizona was 31 rail and 204 truck as compared to 61 rail and 141 truck for last season. The carlot equivalent factor was based on 1250 lugs. Lugs used in the 1974 season were generally 22 pounds net weight.

The preliminary average yield per acre in Central and Western Arizona were both higher than the previous season.

Interstate movement for Central Arizona totaled 772,779 lugs compared to 771,766 lugs during the 1973 season. Western Arizona totaled 310,644 lugs which was an increase of 54,000 lugs over the previous season.

Listed below are the dates of the seasons start, peak days including the number of packages by variety for the past two years.

<u>VARIETY</u>	<u>START</u>		<u>PEAK DAY</u>	
	1974	1973	1974	1973
Robins	June 10	June 18	June 14 (3,928)	June 22 (2,656)
Perlettes	June 7	June 19	June 11 (11,662)	July 7 (7,317)
Cardinals	June 17	June 19	June 20 (5,455)	July 3 (8,980)
Thompson Sdls	June 21	June 29	July 1 (36,445)	July 18 (36,492)
Exotics	June 24	July 5	July 5 (10,860)	July 18 (9,040)

The peak day in 1974 for all varieties in Central Arizona totaled 49,192 lugs on July 5th. Western Arizona's biggest day was on June 28th with 18,682 lugs.

Interstate shipments by rail and truck for previous grape seasons were as follows:

<u>YEAR</u>	<u>RAIL</u>	<u>TRUCK</u>	<u>TOTAL</u>
1974	75	510	585
1973	253	347	600
1972	290	425	715
1971	336	431	767
1970	299	319	618
1969	532	329	861
1968	508	392	900
1967	529	427	956
1966	568	279	847
1965	602	246	848
1964	500	198	698
1963	564	242	806
1962	404	166	570

Table 1

9

CENTRAL & WESTERN ARIZONA BEARING GRAPE ACREAGE AT HARVEST TIME
LUGS SHIPPED INTERSTATE, AVERAGE LUGS PER
ACRE SHIPPED INTERSTATE
1968-1974 SEASONS

SEASON	ACRES	LUGS SHIPPED INTERSTATE	LUGS PER ACRE SHIPPED INTERSTATE
<u>C E N T R A L A R I Z O N A</u>			
1974	2,365	772,029	326
1973	3,079	751,766	244
1972	2,904	951,886	328
1971	2,990	1,038,035	350
1970	3,584	863,495	241
1969	3,983	1,144,065	287
1968	4,080	1,173,905	288
<u>W E S T E R N A R I Z O N A</u>			
1974	962	310,644	323
1973	995	256,434	258
1972	1,004	232,258	231
1971	1,004	251,765	251
1970	658	117,677	179
1969	800	106,967	124
1968	442	42,454	96

Source: Arizona Fruit & Vegetable Standardization Service.

Table 2

ARIZONA GRAPE BEARING ACREAGE AT HARVEST TIME
BY VARIETIES 1974, 1973 & 1972

<u>CENTRAL ARIZONA</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>
Thompson Sdls	1536	1958	1821
Cardinals	352	532	528
Perlettes	290	353	359
Exotics	172	221	181
Robins	15	15	15
TOTAL	2365	3079	2904
<u>WESTERN ARIZONA</u>			
Thompson Sdls	614	614	617
Cardinals	103	136	139
Perlettes	213	213	216
Exotics	32	32	32
TOTAL	962	995	1004
<u>TOTAL ARIZONA</u>			
Thompson Sdls	2150	2572	2438
Cardinals	455	668	667
Perlettes	503	566	575
Exotics	204	253	213
Robins	15	15	15
TOTAL	3327	4074	3908

Source: Arizona Fruit and Vegetable Standardization Service.

Table 3

PACKAGES GRAPES SHIPPED BY VARIETIES CENTRAL AND WESTERN
ARIZONA AND COACHELLA DISTRICT 1974 & 1973 SEASONS

	<u>CENTRAL ARIZONA</u>		<u>WESTERN ARIZONA</u>		<u>COACHELLA VLY</u>	
	<u>1974</u>	<u>1973</u>	<u>1974</u>	<u>1973</u>	<u>1974</u>	<u>1973</u>
Robins	13,386	9,142	4	-	29,703	35,010
Perlettes	78,010	88,397	51,034	65,173	1,269,194	1,426,802
Cardinals	65,706	103,464	30,230	24,784	239,002	195,848
Thompson Sdls	540,691	500,208	206,992	161,067	1,291,566	1,144,154
Exotics	74,986	50,555	8,420	5,410	30,153	37,230
Beauty Sdls	-	-	-	-	41,013	51,113
Misc Varieties	-	-	-	-	27,737	19,871
TOTALS	772,779	751,766	296,676	256,434	2,928,368	2,910,028

Source: Arizona Fruit and Vegetable Standardization Service.

Source: Coachella Valley - Federal-State Market News office, El Centro, California.
Miscellaneous Varieties include Imperial Reds, Berenda Reds, Richard Blacks, Delights, Superior Seedless and Ribiers.
Coachella 1974 figures thru July 17, 1974.
Arizona 1974 figures thru July 30, 1974.

SHIPPING POINT PRICES CENTRAL ARIZONA GRAPES BY VARIETIES
AND DAYS JUNE 12 TO JULY 12
22 lb Lugs

Date	PERLETTES		CARDINALS		THOMPSON SEEDLESS		EXOTICS	
	Range	Mostly	Range	Mostly	Range	Mostly	Range	Mostly
June 12	9.00							
13	8.50							
14	8.50							
17	8.00-8.50		8.00					
18	8.00-8.50		8.00					
19	7.50		8.00					
20	7.50-8.00		8.00					
21	7.50-8.00		8.00		9.00			
24	7.50		8.00		9.00		9.00	
25			8.00		9.00		9.00-10.00	
26			8.00		9.00		9.00-10.00	
27			8.00		9.00		9.00-10.00	
28			8.00		9.00		9.00-10.00	
July 1			8.00-9.00		9.00		9.00-10.00	10.00
2			8.00-8.50		9.00		9.00-10.00	10.00
3			8.00-8.50		8.50-9.00	9.00	9.00-10.00	
5			7.00-8.00		8.50-9.00		9.00-10.00	
8			8.00		8.50-9.00	9.00	9.00-10.00	
9	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE	
10			8.00		9.00		9.00-10.00	9.00
11			7.50-8.00		9.00		9.00-10.00	9.00
12					8.50-9.00	9.00	9.00-10.00	9.00

Table 5

SHIPPING POINT PRICES COACHELLA VALLEY
CALIFORNIA GRAPES BY VARIETIES MAY 28 TO JULY 9
22 lb Lugs

Date	PERLETTES	CARDINALS	THOMPSON SEEDLESS	BEAUTY SEEDLESS	EXOTICS
	May 28	12.50-13.50	12.50-13.50		
29	12.50-13.00	12.50-13.00			
30	11.00-12.00	12.00-12.50			
31	10.00-11.00	12.00			
June 3	10.00	11.00-12.00			
4	9.00-10.00	11.00		12.00	
5	9.00	10.00-11.00		11.00-12.00	
6	9.00	10.00		11.00-12.00	
7	9.00	10.00		11.00-12.00	
10	9.00	9.00-10.00		10.00	
11	8.50-9.00			9.00-10.00	
12	8.50-9.00	8.00-9.00		9.00	
13	8.50-9.00	8.00-9.00		8.00-9.00	
14	8.00-8.50	8.00-8.50	10.00	8.00	
17	8.00	7.00-8.00	9.00	7.00-8.00	
18	8.00	7.00-8.00	9.00	7.00-8.00	
19	8.00	7.00-8.00	9.00	7.00-8.00	
20	8.00	7.00-8.00	9.00	7.00-8.00	
21		7.00-8.00	9.00	6.00-7.00	
24		7.00-8.00	9.00	6.00-7.00	10.00-11.00
25		7.00-8.00	9.00		10.00-11.00
26		7.00-8.00	9.00		10.00-11.00
27		7.00-8.00	9.00		10.00-11.00
28		7.00-8.00	9.00		10.00-11.00
July 1			9.00		10.00
2			9.00		10.00
3			8.50-9.00		10.00
5			8.50-9.00		10.00
8			8.00-9.00		
9			8.00-9.00		

Table 6

RAIL & TRUCK SHIPMENTS OF GRAPES BY DISTRICTS AND DAYS MAY 24-JULY 14, 1974

DATE	CENTRAL ARIZONA			WESTERN ARIZONA			COACHELLA VLY			CENT CALIFORNIA			TOTAL U. S.		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
May 24															
25								2	2					2	2
26								4	4					4	4
27								-	-					-	-
28								10	10					10	10
29								17	17					17	17
30								33	33					33	33
31								41	41					41	41
June 1								2	38	40				2	38
2				-	1	1	3	56	59				3	57	60
3				-	-	-	-	-	-				1	-	1
4				-	3	5	9	45	54				9	45	54
5				-	1	3	11	62	73				21	46	67
6				-	3	4	11	64	75				13	63	76
7				-	4	4	15	95	110				11	67	78
8				-	4	4	4	16	20				15	99	114
9	1	1	2	-	-	-	-	-	-				5	21	26
10	3	3	6	-	-	-	-	-	-				3	-	3
11	4	5	9	-	4	4	9	68	77				10	75	85
12	3	5	8	1	5	6	18	83	101				23	93	116
13	3	1	4	1	2	3	12	53	65				16	60	76
14	1	9	10	1	3	4	7	81	88				11	86	97
15	-	5	5	1	5	6	15	78	93				17	90	107
16	-	1	1	1	5	6	11	32	43				12	42	54
17	-	4	4	-	-	-	-	-	-				-	1	1
18	1	5	6	-	4	4	9	52	61				9	56	65
19	-	3	3	3	9	12	7	37	44				8	46	54
20	-	7	7	3	5	8	7	54	61				10	66	76
21	-	8	8	1	11	12	3	49	52				7	61	68
22	-	2	2	1	7	8	-	72	72				1	91	92
23	-	5	5	1	1	2	1	42	43				2	51	53
24	-	10	10	-	1	1	3	-	3				3	6	9
25	-	17	17	3	8	11	3	68	71				4	85	89
26	1	22	23	3	10	13	1	60	61				4	85	89
27	2	24	26	-	13	14	1	67	68				2	99	101
28	3	24	27	2	12	14	1	81	82				3	118	121
29	4	25	29	2	3	5	3	74	75				3	110	116
30	3	15	18	2	5	7	-	62	65				6	90	97
July 1	3	17	20	-	6	6	2	64	66				5	20	25
2	5	19	24	-	10	11	9	65	74		2	2	5	89	94
3	5	28	33	1	10	10	2	60	62		2	2	15	96	111
4	3	15	18	-	6	6	4	40	44		2	7	9	105	114
5	5	30	35	-	6	6	3	45	48		-	9	7	62	69
6	3	25	28	1	6	7	6	40	46		-	9	8	90	98
7	4	8	12	-	-	-	-	-	-		-	9	10	80	90
8	4	20	24	1	2	3	1	68	69		-	-	4	8	12
9	4	24	28	1	2	3	1	36	37		10	10	6	100	106
10	3	12	15	-	5	5	-	39	39		3	16	9	78	87
11	2	10	12	-	-	-	-	37	38		2	10	5	66	71
12	2	20	22	-	3	3	1	16	16		1	18	4	65	69
13	1	11	12	-	5	5	-	11	11		-	16	2	55	57
14	-	2	2	-	5	5	-	-	-		3	13	4	40	44
Total	74	442	516	31	195	226	215	2160	2375	11	114	125	331	2911	3242

MOVEMENT GRAPES FROM COACHELLA VALLEY BY DAYS AND VARIETIES 1974 SEASON

DATE		Perlettes	Cardinals	Bty Sdls	Robins	Th. Sdls	Exotics	*Other Varieties	TOTAL

COACHELLA VALLEY---LUGS									

May	22	326						60	386
	23	542	25					252	819
	24	1262	-		630			200	2092
	25	2381	-		2468			-	4849
	26	-	-		-			-	-
	27	9800	980		2270			16	13066
	28	20035	162		1565			-	21762
	29	34596	2560		2515			1580	41251
	30	44101	3395		3850			880	52226
	31	45613	2276		750			780	49419
June	1	64836	4305		4261			510	73912
	2	-	-		-			-	-
	3	59529	3367	338	4019			486	67739
	4	57827	5081	590	1895			180	65573
	5	81088	6626	357	2615			900	91586
	6	78561	12887	436	1900			300	94084
	7	123268	12205	791	180			595	137039
	8	23201	1438	218	-			-	24857
	9	-	-	-	-			-	-
	10	82149	11464	2181	785			-	96579
	11	108395	10062	1833	-			5940	126230
	12	69335	8995	2329	-			-	80659
	13	86704	18790	3533	-	662		-	107689
	14	95625	13447	4084	-	500		2595	116251
	15	36224	9850	4929	-	2457		-	53460
	16	-	-	-	-	-		-	-
	17	49342	9561	997	-	15773		900	76573
	18	23472	9946	2287	-	18702		-	54407
	19	32156	11403	2468	-	30125		384	76536
	20	7661	7241	1420	-	46877	400	-	63599
	21	12357	16493	3323	-	53673	1711	2055	89612
	22	2798	9407	2291	-	39298	2365	1040	57199
	23	-	-	-	-	-	-	-	-
	24	2333	6919	2604	-	67397	3154	5770	88177
	25	1734	4722	1189	-	66867	2144	-	76656
	26	2845	4497	1632	-	62042	1881	29	72926
	27	3005	9019	575	-	85582	3597	1085	102863
	28	920	6359	230	-	83317	3407	-	94233
	29	865	3372	158	-	74587	2035	-	91017
	30	-	-	-	-	-	-	-	-
July	1	672	2016	85	-	77446	2357	-	82576
	2	516	3300	-	-	86115	2697	140	92768
	3	278	2721	135	-	72933	805	-	76872
	4	992	782	-	-	27093	1258	-	30125
	5	757	180	-	-	58888	628	-	60453
	6	156	1231	-	-	55100	439	-	56926
	7	-	-	-	-	-	-	-	-
	8	390	698	-	-	83600	315	855	85858
	9	-	30	-	-	46212	547	-	46789
	10	547	433	-	-	47717	135	-	48832
	11	-	629	-	-	46429	278	205	47541
	12	-	128	-	-	20386	-	-	20514
	13	-	-	-	-	13073	-	-	13073
	14	-	-	-	-	-	-	-	-

TOTAL		1269194	239002	41013	29703	1282851	30153	27737	2919653

Source: Daily wires from Federal-State Market News Service, El Centro, California.
 *Berenda Reds, Imperial Reds, Superior Seedless, Richard Blacks, Delights, and Ribiers.

All figures are preliminary and subject to correction. Total to date thru July 14 include some corrections not shown in daily figures.

PACKAGE MOVEMENT OF CENTRAL ARIZONA GRAPES BY DAYS AND VARIETIES 1974 SEASON

DATE	ROBINS	PERLETTES	CARDINALS	EXOTICS	TH. SDLS	TOTAL
June 7		360				360
8		3180				3180
9		4860				4860
10	1780	2940				4720
11	3443	11662				15105
12		10540				10540
13		6021	123			6144
14	3928	8405	1000			13333
15	1848	4106	160			6114
16		564	1308			1872
17	2387	2475				4862
18		7390	731			8121
19		1714	2215			3929
20		3684	5455			9139
21		3910	3612		1782	9304
22		1236	330		760	2326
23		2705	1990		1181	5876
24		162	980	560	10980	12682
25		145	1050	740	19252	21187
26		1339	1485	3553	23026	29403
27		612	2640	1243	25832	30327
28			3570	969	25033	29572
29			2062	2896	25923	30881
30			1315	4351	12834	18500
July 1			3723	4231	36445	44399
2			2846	1467	25424	29737
3			4331	7284	34706	46321
4			2740	3058	15166	20964
5			2531	10860	35801	49192
6			2256	2940	29848	35044
7			623	2310	15213	18146
8			1860	4470	24924	31254
9			4482	9151	26727	40360
10			1174	1999	17768	20941
11			3035	1244	13446	17725
12			2031	1835	25144	29010
13			1025	2005	12500	15530
14			300	100	2215	2615
TOTAL	13386	78010	62983	67266	461930	683575

Source: Arizona Fruit and Vegetable Standardization Service.
Lug count thru July 14.

PACKAGE MOVEMENT OF WESTERN ARIZONA GRAPES BY DAYS AND VARIETIES
AND TOTAL DAILY PACKAGES FROM CENTRAL ARIZONA AND WESTERN ARIZONA FOR THE 1974 SEASON

DATE	PERLETTES	CARDINALS	TH. SDLS	EXOTIC	TOTAL	TOTAL CENT & WEST ARIZ
June 1	540				540	540
2	2395				2395	2395
3	350				350	350
4	4600	480			5080	5080
5	6190	378			6568	6568
6	3966	270			4236	4236
7	6875	70			6945	7305
8	6322	108			6430	9610
9	324	108			432	5292
10	5765	740			6505	11225
11	7024	1070			8094	23199
12	2243	2002			4245	14785
13	3554	2955			6509	12653
14	4200	475			4675	18008
15	4924	2504			7428	13542
16						1872
17	200	188			388	5250
18	1500	3705	3500		8705	16826
19	25	1025	9670		10720	14640
20		6100	7726		13826	22965
21	37	600	15914		16551	25855
22		557	8005		9362	11688
23		180	1464		1644	7520
24		2550	10249		12799	25481
25		860	12401	60	13321	34508
26		160	12821	36	13017	42420
27		560	16161	60	16781	47108
28		848	17564	270	18682	48254
29		75	3725	100	3900	34781
30		218	4276	1302	5796	24296
July 1			7132		7132	51531
2		267	14257	262	14786	44523
3		547	10615	938	12100	58421
4		11	6755	146	6912	27876
5			6390	1084	7474	56666
6			9553	45	9598	44642
7			150	15	165	18311
8		400	3650	300	4350	35604
9		126	2067	152	2345	42705
10		73	5890	15	5978	26919
11						17725
12			4165	50	4215	33225
13		20	4141	1856	6017	21547
14				400	400	3015
TOTAL	61034	30230	199041	7091	297396	980971

Source: Arizona Fruit and Vegetable Standardization Service.
Lug count thru July 14.

Table 10

RAIL AND TRUCK UNLOADS OF GRAPES IN 41 U.S. CITIES AND 5 CANADIAN CITIES CALENDAR YEAR 1973

CITY	RAIL				TOTAL	TRUCK				TOTAL
	ARIZ	CAL	CHILE	OTH		ARIZ	CAL	CHILE	OTH	
Albany, N.Y.	1	41	-	-	42	2	52	6	3	63
Atlanta, Ga.	1	33	-	-	34	3	196	8	1	208
Baltimore, Md.	5	118	-	-	123	-	52	10	1	63
Birmingham, Ala.	-	5	-	-	5	4	109	6	-	119
Boston, Mass.	11	516	-	-	527	13	91	33	6	143
Buffalo, N.Y.	7	151	-	-	158	-	42	-	7	49
Chicago, Ill.	21	607	-	-	628	1	245	38	22	306
Cincinnati, Ohio	11	94	-	-	105	5	181	10	8	204
Cleveland, Ohio	5	194	-	-	199	4	182	15	7	208
Columbia, S.C.	-	10	-	-	10	-	104	3	2	109
Dallas, Texas	-	-	-	-	-	11	354	3	2	370
Denver, Colo.	-	-	-	-	-	6	206	4	9	225
Detroit, Mich.	10	303	-	-	313	3	337	22	8	370
Fort Worth, Texas	-	-	-	-	-	-	52	-	-	52
Houston, Texas	-	1	-	-	1	16	132	1	1	150
Indianapolis, Ind.	6	8	-	-	14	-	77	1	3	81
Kansas City, Mo.	1	6	-	-	7	-	197	1	1	199
Los Angeles, Calif.	-	-	-	-	-	5	1729	12	5	1751
Louisville, Ky.	-	6	-	-	6	1	110	2	3	116
Memphis, Tenn.	-	-	-	-	-	-	65	-	1	66
Miami, Fla.	9	62	-	-	71	-	211	9	2	222
Milwaukee, Wis.	2	27	-	-	29	-	53	1	7	61
Minneapolis, Minn.	12	64	-	-	76	5	200	-	6	211
Nashville, Tenn.	1	1	-	-	2	-	21	-	1	22
New Orleans, La.	6	27	-	-	33	1	163	3	1	168
New York, N.Y.	57	2189	451	2	2699	15	248	2	5	270
Oklahoma City, Okla.	-	-	-	-	-	2	69	2	2	75
Philadelphia, Pa.	7	511	-	-	518	4	131	25	7	167
Pittsburgh, Pa.	10	232	-	-	242	1	77	10	9	97
Portland, Oregon	-	14	-	-	14	-	188	-	4	192
Providence, R.I.	2	69	-	-	71	1	28	-	-	29
St. Louis, Mo.	6	45	-	-	51	1	208	-	4	213
Salt Lake City, Utah	-	1	-	-	1	-	108	-	-	108
San Antonio, Texas	-	8	-	-	8	1	94	-	-	95
San Francisco, Calif.	-	-	-	-	-	8	549	-	1	558
Seattle, Wash.	2	8	-	-	10	-	315	-	4	319
Washington, D.C.	3	62	-	-	65	1	155	2	5	163
TOTAL	196	5413	451	2	6062	114	7331	229	148	7822
Montreal, Que.	28	1263	-	21	1312	1	228	35	37	301
Ottawa, Ont.	-	82	-	-	82	-	72	5	18	95
Toronto, Ont.	24	2129	-	-	2153	5	508	68	20	601
Vancouver, B.C.	1	-	3	3	7	-	129	3	3	135
Winnipeg, Man.	-	3	-	4	7	-	147	-	18	165
TOTAL	53	3477	3	28	3561	6	1084	111	96	1297

Source: Fresh Fruit and Vegetable Unloads Totals for 41 cities U.S.D.A. 1973.

WHOLESALE PRICES FOR ARIZONA GRAPES IN MAJOR TERMINAL
MARKETS 1974 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	BALTIMORE	BOSTON	CHICAGO	CLEVELAND	DALLAS
June						
24			10.00-12.00*			
25			10.00-12.00			
26			9.00-11.00			
27			10.00-12.00			10.50
28			10.00-13.00	11.00		
July						
1		12.50	10.00-11.00*	11.50		
2		12.50	10.00-12.00*	11.50-12.00	10.50-11.00	10.00
3	11.00	12.50	11.00-12.00	12.00		10.00
5	11.00		10.00	11.25-11.50	10.00-10.50	10.00
8	11.00		10.00-12.00*	10.00-10.50	9.00-10.00	10.00
9	11.00		8.00*	10.00 "	6.50-7.00	
10	11.00	10.50-11.00	11.00-12.00	10.00	5.00-7.00	
11	11.00		10.00-11.00	10.00		9.50-9.75
12	11.00	12.00	9.50-10.50		11.00-11.25	
15	9.50-10.00	11.50	11.00-11.50	11.50		
DATE	KANSAS CITY	NEW YORK	PHILADELPHIA	SAN ANTONIO	ST. LOUIS	WASHINGTON
June						
24		12.00				
25		11.00-12.00				
26						11.75
27						
28				9.75-10.75		
July						
1	10.50-11.00	11.00-11.50	11.00	10.25-10.75	10.75	
2	10.50-11.00	11.50	11.00	10.25-10.75	10.50-11.00	
3		11.50-12.00	11.00*	10.25-10.75	10.50-10.75	12.00-12.50
5	10.00-10.50	12.00	11.00	10.25-10.75	10.25	12.00
8	10.00-10.50	11.00-11.50	10.50	10.25-10.75	8.50-9.00	12.00
9	8.50-9.00	11.50-12.00	10.50-10.75	10.25-10.75	8.50-9.00	
10	9.00-10.00	11.00		10.25-10.75	8.00-9.00	11.75-12.00
11		11.00-12.00	10.75	10.25-10.75	8.50-9.50	
12	10.50-11.00	10.50-11.50	10.75	9.00-10.00*	9.00-9.50	
15	10.50-11.00	11.00	10.00	9.00-10.00	10.50	

Table 11 (Continued)

WHOLESALE PRICES FOR ARIZONA GRAPES IN MAJOR TERMINAL MARKETS 1974 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.)

C A R D I N A L S

DATE	ATLANTA	BALTIMORE	BOSTON	CHICAGO	CLEVELAND	DALLAS
July 6	15.00					
7	15.00					
10	14.00					
11	14.00					
12	14.00					
13	14.00					
14	14.00					
17						
18	9.00-10.00		10.00			9.75-10.00
19	9.00-10.00		10.00			9.75-10.00
20	9.00-10.00		10.00-10.50			9.75-10.00
21	9.00-10.00		10.00-10.50			9.75-10.00
24	9.00-10.00		8.00-10.00			9.75-10.00
25	9.00-10.00		9.00-10.00			
26	9.00-10.00		8.50-10.00			
27	9.00-10.00		8.00-10.00		8.50-9.00	
28	9.00-10.00		8.00-9.00	10.00		
July 1		10.50	7.00-9.00			
2		10.50	7.00-9.00*	10.00	9.50-10.00	
3		10.50	7.00-9.00*	10.00		
5			8.50	10.00	10.80-11.50	
8				10.00	9.00-10.00	
9			7.00-8.00	10.00	7.50-8.50	
10				10.00	5.00-8.00	
11				10.00	8.50-8.75	
12		9.00-10.50				
15		9.00-10.50				

DATE	DENVER	LOUISVILLE	NEW YORK	PITTSBURGH	SAN ANTONIO	WASHINGTON
June 6						
7						
10						
11						
12						
13						
14						
17						
18			11.00			
19			11.00			
20						
21				10.00		
24				10.00		
25						
26						
27						
28				10.00		
July 1			8.00-8.75	10.50-12.50		
2						
3		10.00		12.00		
5		10.00				10.50-11.00
8	9.00-9.50	10.00-11.00		11.00	9.75	10.50-11.00
9	9.00-9.50	10.00-11.00		11.00	9.75	10.50-11.00
10	9.00-9.50	10.00			9.75	
11	9.00-9.50	10.00			9.75	10.50-11.00
12	9.00-9.50	10.00			9.75	
15	9.00-9.50				10.00-10.50	
					10.00-10.50	

WHOLESALE PRICES FOR ARIZONA GRAPES IN MAJOR TERMINAL
MARKETS 1974 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.)

P E R L E T T E S

DATE	ATLANTA	DALLAS	MINNEAPOLIS	NEW ORLEANS	NEW YORK
June					
7	12.50				
10	10.50				
11	10.50				
12	10.50				
13	10.50				
14	10.50				
17		9.25-9.50	11.25-12.50		
18	9.00-10.00	9.25-9.50			11.00-12.00
19	9.00-10.00	9.25-9.50	11.25-12.50	11.50	11.00
20	9.00-10.00	9.25-9.50		11.50	
21	9.00-10.00	9.25-9.50	11.25-12.50		11.50
24	9.00-10.00		10.75-11.50		11.50
25	9.00-10.00				
26	9.00-10.00		10.75-11.50		
27	9.00-10.00				
28	9.00-10.00		10.75-11.50		

E X O T I C S

DATE	BALTIMORE	CHICAGO	KANSAS CITY	PITTSBURGH	PHILADELPHIA
July					
1	11.50		12.00		
2	11.50	12.00	12.00	12.00-12.50	
3		12.00	12.00		
5		11.00	12.00	10.50	10.00
8		10.00	12.00	12.00	8.00-10.00*
9		10.00		12.00	9.00-10.00
10		10.00		12.00	9.00
11		10.00		12.00	10.00
12	11.00-11.50			12.00	10.00
15	11.00-11.50				10.00

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 12

AUCTION SALES: PACKAGES SOLD, PRICE RANGE AND AVERAGE PRICE, BY MARKET
ARIZONA GRAPES BY VARIETIES AND DAYS 1974 SEASON

DATE	Market	Pkgs	Price Range	Average	DATE	Market	Pkgs	Price Range	Average
<u>PERLETTES</u>					<u>THOMPSON SEEDLESS</u>				
June 10	New York	800	10.00-10.05	10.03	June 24	New York	265	All 12.15	12.15
June 17	New York	870	11.30-11.55	11.43	June 25	New York	365	12.55-12.60	12.50
June 19	Chicago	736	5.35-5.40	5.38	July 1	New York	1220	10.65-10.85	10.75
June 19	New York	670	All 10.00	10.00	July 3	New York	1040	9.75-9.80	9.78
June 20	Pittsburgh	625	All 8.77	8.77	July 8	New York	790	All 11.95	11.95
July 1	New York	30	All 7.00	7.00	July 9	Pittsburgh	1925	All 9.00	9.00
TOTAL		3731		9.20	July 10	Philadelphia	1320	7.50-7.55	7.52
<u>CARDINALS</u>					July 15	New York	610	10.50-10.55	10.52
June 24	New York	720	9.00-9.05	9.02	TOTAL		7535		9.84
June 26	New York	240	9.00-9.05	9.02	<u>EXOTICS</u>				
July 1	New York	550	All 9.15	9.15	July 8	New York	310	11.65-11.70	11.68
July 3	New York	600	8.75-8.80	8.76	July 15	New York	425	11.00-11.05	11.02
TOTAL		2110		8.98	TOTAL		735		11.30

Note: Auctions sales through July 15, 1974 only.

Table 13

AUCTION SALES: PACKAGES SOLD AND SEASON AVERAGE PRICE BY VARIETIES ARIZONA GRAPES
1972-1974

	*1974		1973		1972	
	Packages	Average	Packages	Average	Packages	Average
Cardinals	2,110	8.98	7,010	3.95	5,190	5.73
Perlettes	3,731	9.20	2,590	4.49	4,175	9.88
Thompson Sdls	7,535	9.84	18,673	5.10	19,664	7.65
Exotics	735	11.30	3,600	4.24	11,548	6.54
SEASON TOTAL	14,111	9.62	31,873	4.70	40,577	7.32

Five Auctions - Chicago, Detroit, New York, Philadelphia, and Pittsburgh

*Grape Auctions through July 15, 1974.

Table 14

21

DAILY MAXIMUM & MINIMUM TEMPERATURES AND PRECIPITATION
MAY, JUNE & JULY 1974, PHOENIX SKY HARBOR AIRPORT

DATE	M A Y			J U N E			J U L Y		
	Max	Min	Prec	Max	Min	Prec	Max	Min	Prec
1	95	58	-	100	65	-	107	83	-
2	97	59	-	102	66	-	106	78	-
3	95	62	-	100	65	-	105	76	-
4	91	62	-	101	68	-	111	78	-
5	92	62	-	101	69	-	111	87	-
6	94	60	-	103	70	-	107	84	-
7	94	67	-	100	70	-	97	75	.10
8	94	70	-	93	72	-	99	72	-
9	95	69	-	100	65	-	102	72	-
10	96	66	-	106	68	-	101	74	-
11	99	66	-	109	72	-	103	73	-
12	101	67	-	112	74	-	105	80	-
13	94	64	-	111	74	-	103	86	T
14	94	63	-	115	74	-	102	76	.19
15	95	62	-	115	81	-	100	75	.02
16	95	64	-	115	80	-	104	80	-
17	94	70	-	112	77	-	106	86	-
18	92	60	-	111	78	-	99	85	-
19	76	60	-	110	77	-	95	82	T
20	83	50	-	111	77	-	99	77	T
21	93	54	-	114	78	-	101	75	.19
22	96	63	-	115	78	-	106	76	.01
23	101	69	-	116	85	-	105	79	-
24	96	67	-	111	89	-	110	83	-
25	106	67	-	110	87	-	113	83	-
26	110	69	-	114	83	-	111	86	-
27	109	71	-	116	83	-	110	86	-
28	105	71	-	115	83	-	108	89	-
29	101	67	-	112	81	-	105	87	-
30	96	67	-	108	83	-	107	84	-
31	97	66	-				107	80	.33
Average	96.0	64.3	-	108.6	75.7	-	104.6	80.2	.84
		80.2			92.2			92.4	

Table 15

AVERAGE MONTHLY TEMPERATURES AT SKY HARBOR AIRPORT
PHOENIX, ARIZONA FEBRUARY TO JULY
1969-1974

	<u>1974</u>	<u>1973</u>	<u>1972</u>	<u>1971</u>	<u>1970</u>	<u>1969</u>
February	56.7	57.5	59.1	56.3	60.2	53.0
March	64.5	56.6	70.6	63.3	59.5	56.9
April	70.6	67.2	71.4	66.5	64.7	68.5
May	80.2	80.9	78.3	73.3	79.6	78.3
June	92.2	88.1	87.8	85.3	87.9	84.2
July	92.4	93.5	94.4	94.9	95.0	93.1

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