

ARIZONA AGRICULTURAL STATISTICS 1968



Bulletin S-3

Arizona Crop and Livestock Reporting Service

ARIZONA AGRICULTURAL STATISTICS 1968

BULLETIN S-3

Compiled by

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE
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A Cooperative Function of

THE UNIVERSITY OF ARIZONA
College of Agriculture
Department of Agricultural Economics

U. S. DEPARTMENT OF AGRICULTURE
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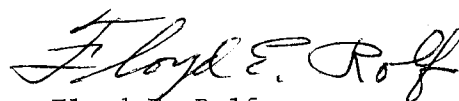
INTRODUCTION

The Arizona Board of Regents entered into a memorandum of understanding with the U. S. Department of Agriculture in 1965 to collect, analyze and publish agricultural statistics. The State portion of the cooperative statistical program is being carried out through the Department of Agricultural Economics, College of Agriculture, University of Arizona. The State program supplements the statistical services provided by the U. S. Department of Agriculture. The cooperative Federal-State program is carried out by the Arizona Crop and Livestock Reporting Service.

This is the third annual statistical bulletin published under the Federal-State agreement in Arizona. This bulletin brings statistical series published in previous bulletins up to date. In addition, county statistics developed under the cooperative Federal-State program are included. County data are shown for barley 1956-67, sorghum 1957-67, wheat 1957-67, alfalfa hay 1959-67 and cotton for 1965 and 1966. Cotton county estimates have been published previously for 1928-65.

The Arizona Crop and Livestock Reporting Service collects data from farmers, ranchers, processors, dealers, merchants, etc. and develops statistical data relating to agriculture in Arizona. Much of these data are presented in this bulletin. Some estimates are based on an analysis of sample survey data together with check information, where available, while other estimates are based on a total enumeration of all producers or handlers of a particular commodity. Surveys are conducted both by mail and by enumeration of randomly selected producers or area segments. Considerable data are assembled from records of other Government agencies. Our thanks is extended to all those who have cooperated in voluntarily providing information used in the compilation of these statistics.

Acknowledgment is made to all members of the office staff for the contribution each has made in the development and compilation of these statistics. Special recognition is due James F. Riggs who directed the preparation of the bulletin, Nella Macrelli who typed final copy, and Evelyn Dye who helped organize data for the bulletin and designed the cover page.



Floyd E. Rolf
Agricultural Statistician, In Charge

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

MEAN MONTHLY TEMPERATURE (°F.), ARIZONA, 1967

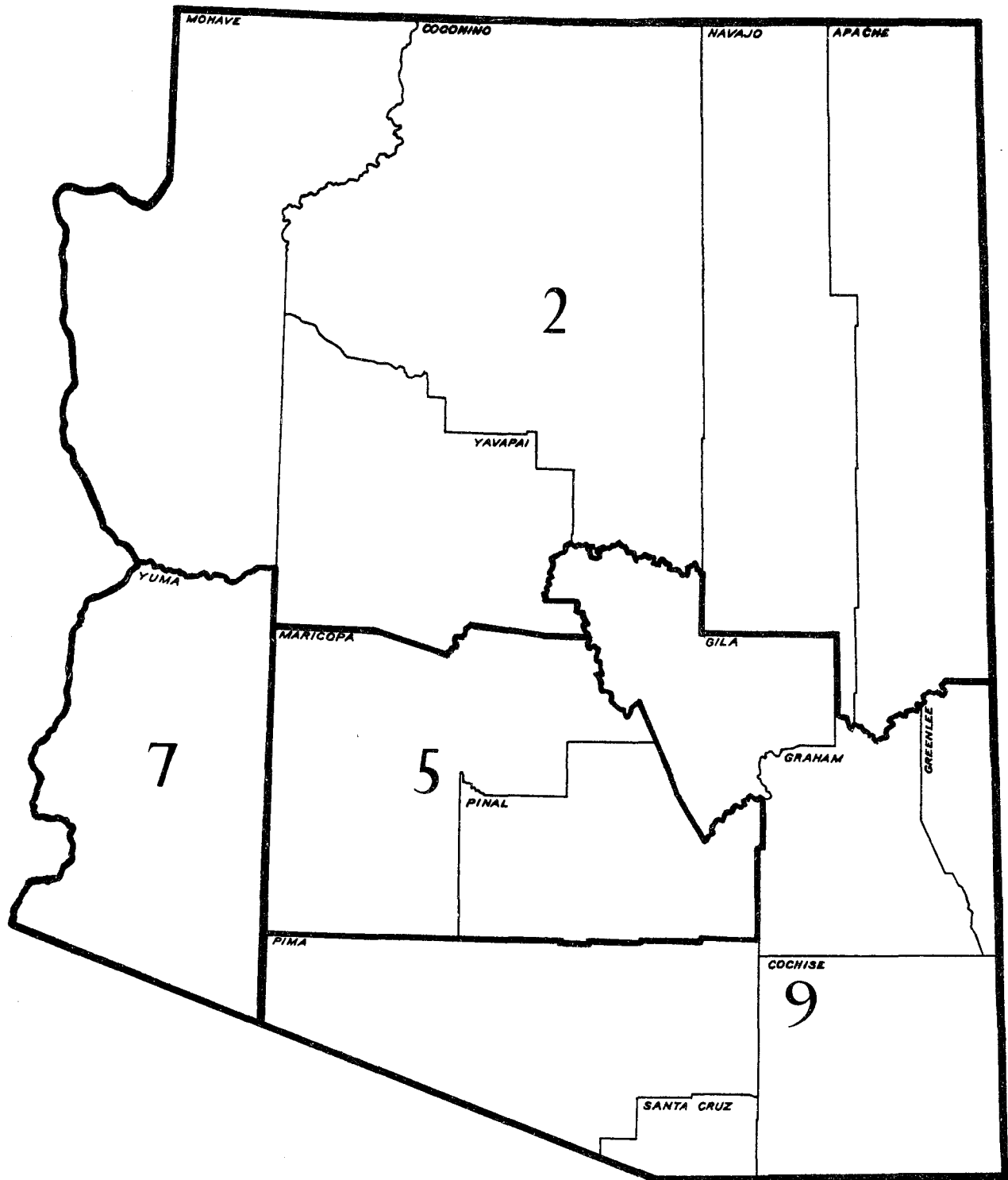
STATIONS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Douglas	44.2	49.3	56.8	59.5	66.3	74.5	78.3	75.7	72.0	63.7	54.4	42.5	61.4
Flagstaff	29.1	35.3	39.0	37.6	48.7	56.2	66.6	64.4	57.9	50.0	40.4	23.1	45.7
Ft. Huachuca	46.7	50.7	57.0	58.4	66.8	73.6	76.2	75.0	70.8	65.2	57.2	43.2	61.7
Gila Bend	51.3	56.7	63.8	63.6	77.2	84.4	94.2	93.1	84.0	75.3	65.6	48.2	71.5
Grand Canyon	31.9	36.6	42.2	42.0	52.7	59.3	69.8	68.1	61.5	52.7	42.6	26.0	48.8
Kingman	44.5	49.1	54.7	51.9	67.3	74.3	85.3	83.0	74.1	67.1	57.0	38.6	62.2
Maverick	24.2	32.5	35.7	36.8	43.8	52.4	60.4	-	-	-	-	-	<u>1/</u> 40.8
McNary	31.0	35.5	41.3	42.7	49.4	57.6	64.5	61.8	56.7	49.7	41.1	28.7	46.7
Parker	51.9	58.8	64.2	62.6	77.7	83.2	95.6	94.6	86.2	77.0	66.5	50.3	72.4
Payson	39.1	44.0	48.3	48.7	59.1	66.7	75.4	73.0	67.1	59.0	49.0	33.9	55.3
Phoenix	50.7	55.7	62.8	62.4	75.1	81.1	91.6	91.0	84.8	73.5	63.9	48.2	70.1
Prescott Airport	38.4	42.0	47.7	46.3	58.8	65.9	75.4	73.0	67.5	58.3	49.3	29.2	54.3
Tucson	51.4	55.6	62.1	62.1	71.9	80.7	85.4	84.6	80.7	71.6	62.9	48.6	68.1
Winslow	31.2	39.4	49.1	50.2	60.1	69.7	78.3	75.6	69.3	57.0	47.1	21.4	54.0
Yuma	55.1	60.6	65.3	63.2	77.4	83.1	93.9	93.3	84.4	76.7	66.9	52.4	72.7

TOTAL PRECIPITATION (INCHES), ARIZONA, 1967

STATIONS	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	ANNUAL
Douglas	.00	.17	.04	.17	.38	.49	3.68	3.81	1.46	.39	.79	3.36	14.74
Flagstaff	.93	T	1.11	1.90	.41	1.05	3.80	2.68	2.25	.30	.54	7.30	22.27
Ft. Huachuca	.02	.32	.41	.34	.12	.33	7.32	1.74	4.13	.15	.26	4.78	19.92
Gila Bend	.14	.00	.09	.33	.02	.00	.94	.12	.58	.62	1.25	3.00	7.09
Grand Canyon	1.05	T	.40	.44	.78	.74	2.00	1.51	2.68	.20	.23	2.52	12.55
Kingman	.55	.00	.36	.66	.05	.00	.99	2.92	1.83	.00	.80	1.76	9.92
Maverick	.64	.84	2.33	.61	.75	1.16	8.16	-	-	-	-	-	<u>1/</u> 14.49
McNary	1.07	.24	3.45	.54	.96	1.22	6.35	5.71	2.44	.17	1.76	10.73	34.64
Parker	.41	.00	.27	.19	.00	.02	.09	.38	1.06	.00	.55	1.57	4.54
Payson	.62	T	.88	.79	1.15	.87	3.97	4.89	1.06	.20	2.11	9.07	25.61
Phoenix	.25	.00	.43	.08	.05	.47	.99	.02	.13	.67	1.27	3.98	8.34
Prescott Airport	.60	.00	.40	.34	.58	1.24	3.70	2.93	1.44	.05	1.39	4.93	17.60
Tucson	.04	.13	.41	.29	.62	.42	2.72	2.00	1.35	1.03	.48	3.44	12.93
Winslow	.10	.01	.24	.10	.27	1.06	2.67	1.09	.49	.11	.36	3.73	10.23
Yuma	.25	.00	.07	T	T	T	.01	.37	1.97	.00	1.45	.65	4.77

1/ January through July.

ARIZONA COUNTIES AND CROP REPORTING DISTRICTS



ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

CROP SUMMARY, ARIZONA, U. S., 1961-65 Average, 1966, 1967

Crop	ACRES HARVESTED			Unit	PRODUCTION			VALUE		
	1961-65 Avg.	1966	1967		1961-65 Avg.	1966	1967	1961-65 Avg.	1966	1967
	1000 Acres				1000			1000 Dollars		
ARIZONA										
Cotton, lint	380	252	1/ 245	Bales	839	515	1/ 460	133,091	57,057	1/ 71,700
Cottonseed	--	--	--	Tons	346	210	1/ 190	17,002	12,327	1/ 10,070
Barley	140	110	160	Bu.	9,462	7,370	12,000	11,097	8,918	14,040
Wheat	27	23	50	Bu.	1,214	920	2,450	2,192	1,490	3,650
Sorghum for Grain	121	195	246	Bu.	8,752	15,015	19,926	10,553	17,868	23,313
Sorghum for Silage	22	8	4	Tons	380	156	82	--	--	--
Sorghum for Forage	6	3	1	Tons	15	10	4	188	140	58
Corn for Grain	19	19	21	Bu.	473	684	777	730	1,081	1,026
Corn for Silage	9	10	10	Tons	171	195	210	--	--	--
Corn for Forage	2	2	1	--	--	--	--	--	--	--
Safflower	28	38	96	Tons	33.3	40.3	117.6	2,863	3,587	10,702
Potatoes	9.5	12.5	10.9	Cwt.	2,248	2,875	2,725	6,880	5,775	6,894
Alfalfa Seed	20	19	16	Lbs.	3,808	3,040	2,240	1,098	936	974
All Hay	252	240	233	Tons	1,141	1,127	1,122	29,632	29,866	34,782
Alfalfa Hay	209	200	196	Tons	1,051	1,040	1,039	27,437	27,756	32,640
Grain Hay	33	28	26	Tons	69	60	60	1,710	1,530	1,590
All Other Hay	10	12	11	Tons	21	27	23	484	580	555

	Acres									
Broccoli, Winter	570	380	460	Cwt.	35	30	30	462	435	351
Cabbage, Winter	1,320	1,500	1,600	Cwt.	273	240	272	857	948	1,170
Cantaloups, Spring	16,820	15,000	10,900	Cwt.	1,976	1,800	1,308	13,548	11,520	12,688
Cantaloups, Early Summer	1,030	650	1,100	Cwt.	122	94	88	723	630	766
Carrots, Spring	2,440	3,000	3,800	Cwt.	432	600	684	2,250	3,660	2,565
Cauliflower, Winter	570	700	650	Cwt.	41	46	40	471	626	520
Honeydews, Early Summer	760	1,100	1,300	Cwt.	95	160	91	594	1,120	764
Lettuce, Winter	16,420	17,900	16,000	Cwt.	2,698	2,954	2,800	12,525	17,429	10,500
Lettuce, Early Spring	20,600	20,900	17,100	Cwt.	3,972	3,448	3,420	19,152	13,894	25,992
Lettuce, Late Fall	19,140	16,500	14,100	Cwt.	3,166	2,805	2,326	16,129	12,763	12,560
Dry Onions, Late Spring	1,640	1,900	2,800	Cwt.	600	694	1,036	2,344	2,907	3,153
Watermelons, Early Summer	4,480	3,600	3,100	Cwt.	685	630	527	1,539	1,544	1,765
Oranges 2/	--	--	--	Ctns.	4,016	7,820	3/ 7,400	6,884	9,421	--
Grapefruit 2/	--	--	--	Ctns.	5,440	3,360	3/ 6,000	3,615	2,604	--
Lemons 2/	--	--	--	Ctns.	2,740	5,620	3/ 6,200	3,588	8,430	--
Tangerines 2/	--	--	--	Ctns.	--	540	3/ 540	--	1,036	--
Grapes	--	--	--	Tons	13.2	12.6	14.3	2,823	3,276	5,377

1000 Acres

UNITED STATES

Cotton, lint	14,617	9,552	1/ 8,090	Bales	14,935	9,575	1/ 7,618	2,312,203	997,467	1/ 1,038,518
Cottonseed	--	--	--	Tons	6,127	3,960	1/ 3,133	298,325	260,936	1/ 172,686
Barley	11,135	10,205	9,188	Bu.	398,268	393,186	370,246	373,898	408,394	373,936
Wheat	48,017	49,867	59,004	Bu.	1,214,024	1,311,702	1,524,349	2,027,447	2,140,655	2,154,284
Oats	21,162	17,861	15,970	Bu.	953,426	801,327	781,867	603,937	538,421	518,957
Sorghum for Grain	12,131	12,813	15,111	Bu.	547,676	714,992	765,617	549,465	738,944	760,272
Sorghum for Silage	1,240	1,089	1,044	Tons	12,462	11,851	10,304	--	--	--
Sorghum for Forage	2,242	2,064	2,467	Tons	4,054	4,273	--	--	67,728	71,574
Corn for Grain	56,658	56,933	60,385	Bu.	3,758,389	4,117,355	4,722,164	4,242,883	5,105,667	5,081,305
Corn for Silage	7,562	7,921	8,312	Tons	78,712	89,257	93,672	--	--	--
Corn for Forage	1,410	974	1,093	--	--	--	--	--	--	--
Potatoes	1,361	1,464	1,458	Cwt.	272,276	306,902	305,906	580,007	619,784	579,617
Alfalfa Seed	697	583	477	Lbs.	133,090	117,984	114,814	44,747	41,629	47,870
All Hay	67,285	65,140	64,728	Tons	120,113	121,027	126,361	2,679,252	2,892,224	2,941,988
Alfalfa Hay	28,826	29,002	28,234	Tons	70,973	72,712	74,282	--	--	--
Grain Hay	2,991	2,966	2,454	Tons	3,827	3,900	3,586	--	--	--
All Other Hay	8,442	8,754	9,204	Tons	45,313	44,415	48,493	--	--	--

Acres

Broccoli, Winter	3,170	2,780	3,560	Cwt.	122	114	98	1,228	1,561	1,283
Cabbage, Winter	42,700	38,800	41,100	Cwt.	6,532	6,748	7,124	20,255	24,393	23,726
Cantaloups, Spring	33,720	33,000	33,800	Cwt.	3,713	3,230	3,885	25,139	20,225	34,440
Cantaloups, Early Summer	13,970	12,950	13,500	Cwt.	776	646	757	2,901	3,112	4,329
Carrots, Spring	2,440	3,000	3,800	Cwt.	432	600	684	2,250	3,660	2,565
Cauliflower, Winter	2,380	2,100	2,050	Cwt.	148	123	89	1,585	1,678	1,335
Honeydews, Early Summer	760	1,100	1,300	Cwt.	95	160	91	594	1,120	764
Lettuce, Winter	69,000	70,600	75,800	Cwt.	11,370	12,372	13,005	47,375	81,095	47,287
Lettuce, Early Spring	38,460	44,550	41,200	Cwt.	7,266	8,394	7,788	33,549	29,580	48,553
Lettuce, Late Fall	19,140	16,500	14,100	Cwt.	3,166	2,805	2,326	16,129	12,763	12,560
Dry Onions, Late Spring	7,000	6,700	8,900	Cwt.	1,846	2,042	2,667	7,378	10,848	8,548
Watermelons, Early Summer	195,020	184,500	188,400	Cwt.	15,358	14,246	15,644	21,313	24,876	31,233
Oranges 2/	--	--	--	Ctns.	238,440	377,220	3/ 248,600	--	295,544	--
Grapefruit 2/	--	--	--	Ctns.	79,836	111,760	3/ 84,400	--	69,031	--
Lemons 2/	--	--	--	Ctns.	31,500	36,220	3/ 33,200	--	56,138	--
Tangerines 2/	--	--	--	Ctns.	12,875	21,200	3/ 11,815	--	12,150	--
Grapes	--	--	--	Tons	3,623	3,734	3,007	199,103	207,038	215,540

1/ December 1 estimate.

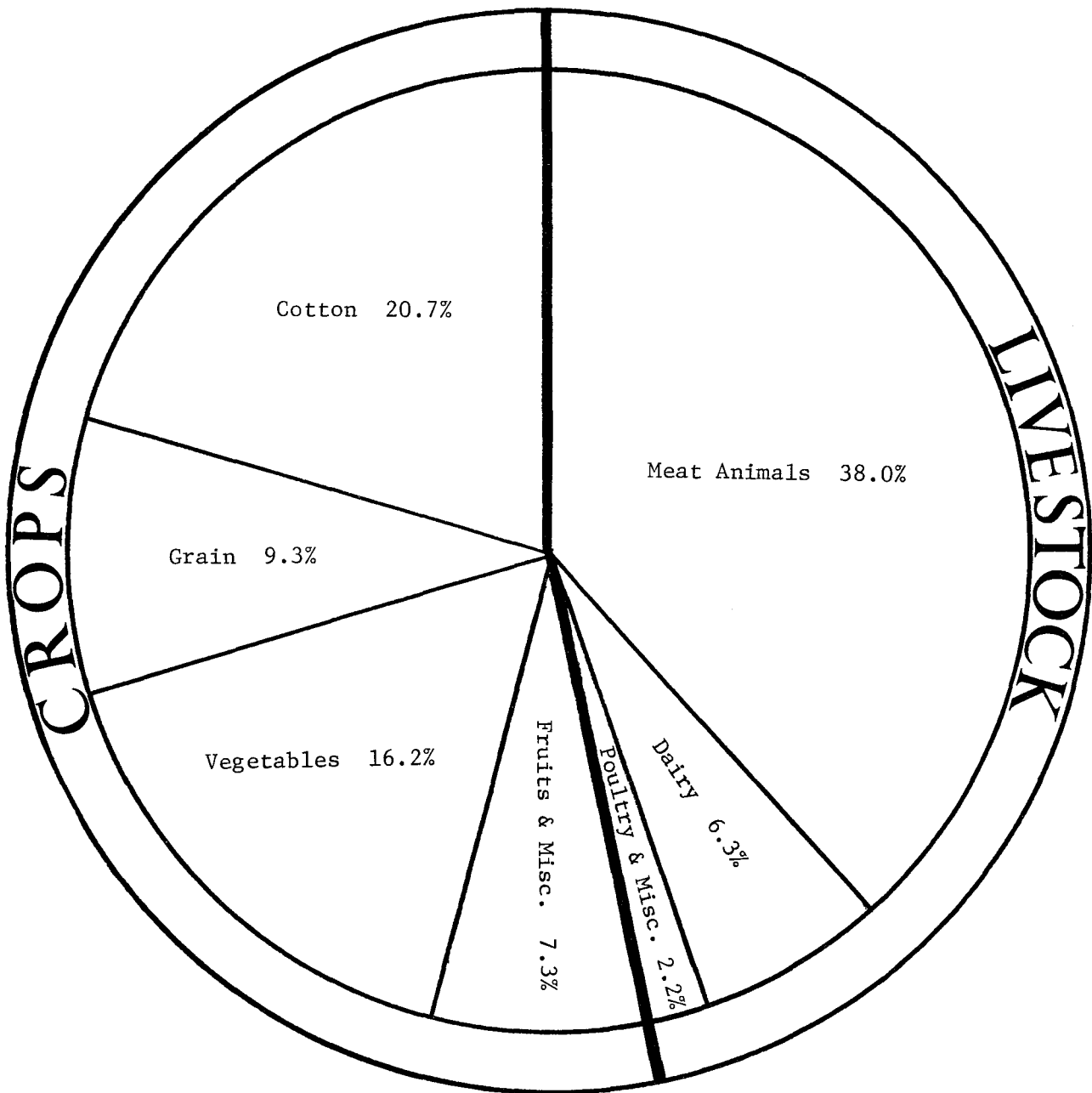
2/ Year of Bloom.

3/ February 1, 1968 estimate.

LIVESTOCK SUMMARY, ARIZONA, U. S., January 1, 1962-66 Average, 1967, 1968

Class	Average 1962-66	1967	1968
<u>1000 Head</u>			
<u>ARIZONA</u>			
ALL CATTLE & CALVES	1,105	1,156	1,160
Kept for Milk	82	80	80
Cows & heifers 2+	55	56	55
Heifers 1-2 yrs.	13	11	11
Heifer calves	14	13	14
Other Cattle	1,023	1,076	1,080
Cows & heifers 2+	373	390	376
Heifers 1-2 yrs.	90	98	93
Calves	259	278	286
Steers 1+	280	287	303
Bulls 1+	22	23	22
ALL HOGS & PIGS	28	36	47
ALL SHEEP & LAMBS	563	534	487
Sheep & Lambs on feed	94	106	73
Stock sheep & lambs	469	428	414
CHICKENS <u>1/</u>	1,254	1,529	1,540
TURKEYS <u>2/</u>	14	17	18
<u>UNITED STATES</u>			
ALL CATTLE & CALVES	106,125	108,645	108,813
Kept for Milk	26,684	22,923	22,231
Cows & heifers 2+	17,591	15,198	14,662
Heifers 1-2 yrs.	4,400	3,636	3,566
Heifer calves	4,693	4,089	4,003
Other Cattle	79,441	85,722	86,582
Cows & heifers 2+	32,149	34,685	35,300
Heifers 1-2 yrs.	8,416	9,121	9,312
Calves	24,870	27,294	27,507
Steers 1+	12,181	12,752	12,568
Bulls 1+	1,825	1,870	1,895
ALL HOGS & PIGS	53,915	53,249	54,263
ALL SHEEP AND LAMBS	27,424	23,898	22,122
Sheep & lambs on feed	3,705	3,237	2,938
Stock sheep & lambs	23,719	20,661	19,184
CHICKENS <u>1/</u>	384,473	428,746	424,550
TURKEYS <u>2/</u>	6,360	7,817	7,289

1/ Does not include commercial broilers.2/ Does not include turkey fryers.

CASH RECEIPTS BY COMMODITIESARIZONA 1966

Field Crops

Paul M. Williamson, Agricultural Statistician

Crop production in Arizona in 1967 was at or near record levels for most grain crops but cotton production was the lowest since 1948. Record yields per acre were established for sorghum, barley and wheat, and production of sorghum and barley were a record high. Cotton production was well below last year's small crop and far below average. The lower production is the result of the smallest acreage harvested since 1947 and the lowest yield since 1959. Despite extensive spraying programs, potential cotton yields were sharply reduced by heavy infestations of pink bollworms.

The 1967 growing season was generally favorable for small grains with cool weather during the spring and early summer months ideal for filling of heads. Spring weather was unfavorable for cotton as the cold temperature delayed planting and slowed development. Many cotton fields were replanted due to damage from cool temperatures and frost. Precipitation during the growing season was below normal but irrigation water supplies were generally adequate.

Crop harvesting conditions were generally good until late in November when periodic rains delayed the cotton harvest. Extremely heavy rains hit the cotton producing areas of the State in December, delaying the completion of harvest and causing additional field losses of cotton lint and reduced quality.

ARIZONA'S RANK AMONG THE 48 STATES
1961 AND 1967

Field Crop	Yield		Production	
	1961	1967	1961	1967
American-Egyptian Cotton	1	2	1	1
Upland Cotton	1	1	5	5
All Cotton	1	1	5	5
Grain Hay	1	1	21	21
Alfalfa Hay	2	1	22	24
All Hay	1	1	28	29
Barley	1	1	12	7
Sorghums for Grain	1	1	9	6
Sorghums for Silage	1	1	7	19
Sorghums for Forage	9	1	14	23
All Wheat	1	2	37	35
Winter Wheat	1	2	35	33
Corn for Silage	2	1	41	42

COTTON: County estimates, by classes, Arizona 1965

COUNTY	ACREAGE		YIELD PER ACRE		PRODUCTION
	Planted	Harvested	Planted	Harvested	500 lb. Gross Weight Bales

	<u>Acres</u>		<u>Pounds</u>		<u>Bales</u>
<u>ALL COTTON</u>					
Cochise	14,100	13,700	714	735	21,000
Gila	53	49	753	814	84
Graham	18,200	17,900	702	714	26,600
Greenlee	1,750	1,700	629	647	2,300
Maricopa	129,600	127,800	1,073	1,088	290,400
Mohave	271	270	2,011	2,018	1,140
Pima	24,300	24,000	821	832	41,700
Pinal	124,900	123,400	1,141	1,155	297,700
Santa Cruz	1,115	1,070	203	211	470
Yavapai	11	11	264	264	6
Yuma	30,700	30,100	1,647	1,680	105,600
ARIZONA	345,000	340,000	1,092	1,108	787,000

<u>UPLAND</u>					
Cochise	13,904	13,523	714	734	20,695
Gila	40	37	877	948	74
Graham	8,820	8,650	824	840	15,100
Greenlee	1,750	1,700	629	647	2,300
Maricopa	115,700	114,200	1,124	1,139	271,700
Mohave	271	270	2,011	2,018	1,140
Pima	21,655	21,400	837	847	37,880
Pinal	117,900	116,500	1,168	1,182	287,500
Santa Cruz	1,094	1,049	204	213	465
Yavapai	11	11	264	264	6
Yuma	30,355	29,760	1,655	1,688	104,940
ARIZONA	311,500	307,100	1,140	1,157	741,800

<u>LONG STAPLE</u>					
Cochise	196	177	749	829	305
Gila	13	12	372	402	10
Graham	9,380	9,250	587	596	11,500
Maricopa	13,900	13,600	643	657	18,700
Mohave	0	0	0	0	0
Pima	2,645	2,600	693	705	3,820
Pinal	7,000	6,900	698	708	10,200
Santa Cruz	21	21	122	122	5
Yavapai	0	0	0	0	0
Yuma	345	340	910	924	660
ARIZONA	33,500	32,900	646	657	45,200

COTTON: County estimates, by classes, Arizona 1966

COUNTY	ACREAGE		YIELD PER ACRE		PRODUCTION
	Planted	Harvested	Planted	Harvested	500 lb. Gross Weight Bales
	<u>Acres</u>		<u>Pounds</u>		<u>Bales</u>
<u>ALL COTTON</u>					
Cochise	9,100	8,800	855	884	16,200
Gila	37	37	311	311	25
Graham	15,800	15,500	704	718	23,300
Greenlee	1,265	1,170	707	764	1,900
Maricopa	95,700	95,400	873	876	174,400
Mohave	265	260	1,338	1,363	750
Pima	16,900	16,700	795	804	28,000
Pinal	90,900	90,600	1,058	1,061	200,700
Santa Cruz	125	125	438	438	114
Yavapai	8	8	675	675	11
Yuma	24,900	23,400	1,340	1,425	69,600
ARIZONA	255,000	252,000	968	979	515,000
<u>UPLAND</u>					
Cochise	8,903	8,603	864	894	16,022
Gila	24	24	250	250	13
Graham	6,100	5,900	861	890	11,000
Greenlee	1,265	1,170	707	764	1,900
Maricopa	81,400	81,200	960	962	163,100
Mohave	265	260	1,338	1,363	750
Pima	14,100	14,000	830	836	24,350
Pinal	83,600	83,300	1,103	1,107	192,400
Santa Cruz	125	125	438	438	114
Yavapai	8	8	675	675	11
Yuma	24,710	23,210	1,339	1,426	69,040
ARIZONA	220,500	217,800	1,040	1,053	478,700
<u>LONG STAPLE</u>					
Cochise	197	197	427	427	178
Gila	13	13	423	423	12
Graham	9,700	9,600	606	612	12,300
Maricopa	14,300	14,200	376	379	11,300
Mohave	0	0	0	0	0
Pima	2,800	2,700	618	641	3,650
Pinal	7,300	7,300	546	546	8,300
Yavapai	0	0	0	0	0
Yuma	190	190	1,408	1,408	560
ARIZONA	34,500	34,200	502	507	36,300

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

BARLEY: Acreage, yield, production, Arizona, by counties, 1956-67

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

AcresLbs. 1/Bu.Tons 1/1000 Bu.APACHE

1956	1,000	200
1957	1,100	300
1958	900	300
1959	700	200
1960	800	300
1961	500	100
1962	300	0
1963	300	30
1964	300	100
1965	300	80
1966	300	40
1967	300	50

COCHISE

1956	2,000	1,300	2,400	50.0	1,560	65.0
1957	1,500	900	2,400	50.0	1,080	45.0
1958	1,500	1,000	1,780	37.0	890	37.0
1959	1,400	900	1,910	40.0	860	36.0
1960	2,700	2,000	2,400	50.0	2,400	100.0
1961	3,200	2,400	2,160	45.0	2,590	108.0
1962	2,500	1,550	2,740	57.0	2,120	88.4
1963	3,000	1,700	2,690	56.0	2,290	95.2
1964	3,200	1,500	2,310	48.0	1,730	72.0
1965	3,400	2,600	2,920	61.0	3,800	158.6
1966	3,000	2,500	2,930	61.0	3,660	152.5
1967	5,300	4,300	2,690	56.0	5,780	241.0

COCONINO

1956	1,000	200
1957	1,000	300
1958	800	300
1959	600	200
1960	600	200
1961	800	200
1962	600	200
1963	600	70
1964	500	100
1965	500	100
1966	400	60
1967	300	250

1/ Converted from bushels and rounded.

BARLEY: Acreage, yield, production, Arizona, by counties, 1956-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

GILA

1956	400	300	2,270	46.7	340	14.0
1957	300	200	2,100	45.0	210	9.0
1958	300	200	1,900	40.0	190	8.0
1959	200	100	2,000	40.4	100	4.0
1960	500	300	1,930	40.0	290	12.0
1961	100	100	2,000	40.0	100	4.0
1962	100	50	2,000	41.0	50	2.0
1963	200	0				
1964	200	50	1,200	25.0	30	1.2
1965	150	0				
1966	140	0				
1967	0					

GRAHAM

1956	9,000	5,500	2,400	50.0	6,600	275.0
1957	8,000	5,000	2,400	50.0	6,000	250.0
1958	7,000	5,800	2,880	60.0	8,350	348.0
1959	7,000	5,700	2,590	54.0	7,390	308.0
1960	6,600	5,800	2,690	56.0	7,800	325.0
1961	7,100	6,300	2,250	47.0	7,100	296.0
1962	6,900	5,200	3,070	64.0	7,990	332.8
1963	7,500	4,800	3,410	71.0	8,180	340.8
1964	8,400	4,600	3,460	72.0	7,950	331.2
1965	9,300	7,000	3,410	71.0	11,930	497.0
1966	8,100	6,600	4,130	86.0	13,620	567.6
1967	13,400	11,000	3,650	76.0	20,060	836.0

GREENLEE

1956	400	300	2,530	53.3	380	16.0
1957	300	200	2,200	45.0	220	9.0
1958	300	200	1,900	40.0	190	8.0
1959	100	100	2,000	40.0	100	4.0
1960	300	200	2,400	50.0	240	10.0
1961	200	200	2,400	50.0	240	10.0
1962	200	200	2,400	50.0	240	10.0
1963	500	500	2,160	45.0	540	22.5
1964	600	500	2,720	57.0	680	28.5
1965	1,000	800	3,260	68.0	1,310	54.4
1966	900	700	2,460	51.0	860	35.7
1967	1,000	300	2,740	57.0	410	17.1

BARLEY: Acreage, yield, production, Arizona, by counties, 1956-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

MARICOPA

1956	89,000	72,000	3,310	69.0	119,230	4,968.0
1957	94,000	76,500	3,220	67.0	123,000	5,125.0
1958	77,000	66,000	3,260	68.0	107,710	4,488.0
1959	85,000	71,000	3,170	66.0	112,470	4,686.0
1960	85,000	72,000	3,500	73.0	126,150	5,256.0
1961	95,000	83,000 ✓	3,790	79.0	157,370	6,557.0
1962	69,000	56,000 ✓	3,360	70.0	94,080	3,920.0
1963	79,000	66,000 ✓	3,310	69.0	109,300	4,554.0
1964	87,000	75,000 ✓	3,410	71.0	127,800	5,325.0
1965	89,000	79,000 ✓	3,310	69.0	130,820	5,451.0
1966	66,000	59,000	3,360	70.0	99,120	4,130.0
1967	79,000	70,000	3,790	79.0	132,720	5,530.0

MOHAVE

1956	2,000	800
1957	1,900	700
1958	1,700	700
1959	1,800	700
1960	1,800	800
1961	2,500	1,100
1962	1,500	600
1963	900	400
1964	1,000	200
1965	1,000	150
1966	700	
1967	800	150

NAVAJO

1956	800	200
1957	800	200
1958	700	200
1959	700	200
1960	600	200
1961	800	200
1962	500	100
1963	500	100
1964	400	100
1965	400	70
1966	300	
1967	900	

1/ Converted from bushels and rounded.

BARLEY: Acreage, yield, production, Arizona, by counties, 1956-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN				
		Acres Harvested	Yield Per Harvested Acre	Production		
	<u>Acres</u>		<u>Lbs. 1/</u>	<u>Bu.</u>	<u>Tons 1/</u>	<u>1000 Bu.</u>
<u>PIMA</u>						
1956	9,200	5,600	2,790	58.0	7,800	325.0
1957	9,100	5,400	2,640	55.0	7,130	297.0
1958	10,000	7,800	2,880	60.0	11,230	468.0
1959	10,700	8,600	3,170	66.0	13,630	568.0
1960	8,800	7,700	3,170	66.0	12,190	508.0
1961	10,300	9,100	3,120	65.0	14,210	592.0
1962	7,800	5,600	3,070	64.0	8,600	358.4
1963	8,000	5,700	3,210	67.0	9,160	381.9
1964	8,800	8,100	3,550	74.0	14,390	599.4
1965	9,000	8,000	3,650	76.0	14,590	608.0
1966	8,800	7,500	3,170	66.0	11,880	495.0
1967	12,000	11,000	3,740	78.0	20,590	858.0
<u>PINAL</u>						
1956	65,000	53,000	3,020	63.0	80,140	3,339.0
1957	58,000	47,000	2,830	59.0	66,550	2,773.0
1958	47,000	38,000	2,690	56.0	51,080	2,128.0
1959	50,000	40,000	2,740	57.0	54,720	2,280.0
1960	49,500	40,000	3,070	64.0	61,440	2,560.0
1961	56,000	48,000	2,780	58.0	66,810	2,784.0
1962	38,000	31,000	2,880	60.0	44,640	1,860.0
1963	44,000	36,000	2,930	61.0	52,700	2,196.0
1964	45,000	40,000	3,070	64.0	61,440	2,560.0
1965	46,000	41,000	3,220	67.0	65,930	2,747.0
1966	30,000	25,000	2,780	58.0	34,800	1,450.0
1967	52,000	45,000	3,410	71.0	76,680	3,195.0
<u>SANTA CRUZ</u>						
1956	1,000	500	2,680	56.0	670	28.0
1957	800	500	2,600	54.0	650	27.0
1958	900	500	2,120	44.0	530	22.0
1959	800	500	1,520	32.0	380	16.0
1960	700	500	2,200	46.0	550	23.0
1961	600	400	2,650	55.0	530	22.0
1962	500	200	2,900	60.0	290	12.0
1963	600	300	3,300	69.0	500	20.7
1964	500	450	3,600	75.0	810	33.8
1965	450	300	3,400	71.0	510	21.3
1966	360	300	3,130	65.0	470	19.5
1967	300	200	3,220	67.0	320	13.4

1/ Converted from bushels and rounded.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

BARLEY: Acreage, yield, production, Arizona, by counties, 1956-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

AcresLbs. 1/Bu.Tons 1/1000 Bu.YAVAPAI

1956	2,200	900
1957	2,200	800
1958	1,900	800
1959	2,000	800
1960	2,400	1,000
1961	2,400	900
1962	1,600	800
1963	1,600	400
1964	1,600	300
1965	1,500	200
1966	1,000	100
1967	700	250

YUMA

1956	13,000	10,200	3,170	66.0	16,150	673.0
1957	13,000	10,000	3,260	68.0	16,320	680.0
1958	15,000	13,200	3,270	68.0	21,550	898.0
1959	19,000	15,000	2,980	62.0	22,320	930.0
1960	20,700	19,000	2,880	60.0	27,360	1,140.0
1961	15,500	13,000	2,780	58.0	18,100	754.0
1962	12,500	9,500	2,880	60.0	13,680	570.0
1963	13,300	11,000	3,260	68.0	17,950	748.0
1964	16,500	13,000	3,500	73.0	22,770	949.0
1965	17,000	13,700	3,500	73.0	24,000	1,000.0
1966	11,000	8,200	2,980	62.0	12,200	508.4
1967	21,000	17,500	3,460	72.0	30,240	1,260.0

1/ Converted from bushels and rounded.

SORGHUM: Acreage, yield, production, Arizona, by counties, 1957-67

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. 1000 Tons 1/ 1000 Bu.

APACHE

1957	200	100
1958	300	200
1959	200	200
1960	200	200
1961	200	100
1962	100	0
1963	100	0
1964	200	0
1965	200	0
1966	200	0
1967	150	0

COCHISE

1957	32,500	23,000	2,690	48.0	30,910	1,104.0
1958	35,000	28,900	2,740	49.0	39,650	1,416.1
1959	43,200	35,600	3,580	64.0	63,800	2,278.4
1960	44,000	37,700	3,470	62.0	65,450	2,337.4
1961	41,000	37,500	5,100	91.0	95,550	3,412.5
1962	34,000	32,000	4,200	75.0	67,200	2,400.0
1963	37,400	34,700	4,930	88.0	85,510	3,054.0
1964	39,100	36,000	5,260	94.0	94,750	3,384.0
1965	52,500	49,200	4,870	87.0	119,840	4,280.0
1966	61,400	59,500	5,100	91.0	151,610	5,414.5
1967	65,700	64,500	5,210	93.0	167,950	5,998.0

COCONINO

1957	200	100
1958	300	200
1959	200	200
1960	200	200
1961	200	200
1962	100	0
1963	100	0
1964	100	0
1965	100	0
1966	200	150
1967	200	200

1/ Converted from bushels and rounded.

SORGHUM: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

GILA

1957	0					
1958	100	100	1,680	30.0	80	3.0
1959	100	100	2,240	40.0	110	4.0
1960	100	100	2,240	40.0	110	4.0
1961	100	100	1,960	35.0	100	3.5
1962	200	150	2,240	40.0	170	6.0
1963	100	0				
1964	200	0				
1965	200	100	2,520	45.0	130	4.5
1966	200	50	2,520	45.0	60	2.2
1967	500	0				

GRAHAM

1957	2,400	1,100	2,240	40.0	1,230	44.0
1958	4,000	1,000	2,240	40.0	1,120	40.0
1959	4,700	1,100	2,970	53.0	1,630	58.3
1960	4,800	1,100	2,740	49.0	1,510	53.9
1961	4,200	1,000	2,970	53.0	1,480	53.0
1962	3,600	1,000	3,020	54.0	1,510	54.0
1963	3,500	1,300	3,700	66.0	2,400	85.8
1964	9,100	7,300	4,930	88.0	17,990	642.4
1965	20,300	17,800	5,040	90.0	44,860	1,602.0
1966	23,700	21,000	4,930	88.0	51,740	1,848.0
1967	27,400	26,500	4,700	84.0	62,330	2,226.0

GREENLEE

1957	900	400	1,960	35.0	390	14.0
1958	1,500	400	2,240	40.0	450	16.0
1959	1,500	400	3,360	60.0	670	24.0
1960	1,500	400	2,970	53.0	590	21.2
1961	2,000	600	3,190	57.0	960	34.2
1962	2,000	500	2,630	47.0	660	23.5
1963	1,300	1,000	4,700	84.0	2,350	84.0
1964	1,000	550	4,030	72.0	1,110	39.6
1965	1,100	850	2,580	46.0	1,090	39.1
1966	2,300	2,050	4,140	74.0	4,250	151.7
1967	2,400	2,200	4,980	89.0	5,480	195.8

1/ Converted from bushels and rounded.

SORGHUM: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

MARICOPA

1957	77,200	47,000	3,250	58.0	76,330	2,726.0
1958	56,400	30,300	3,030	54.1	45,860	1,638.0
1959	48,600	26,800	3,220	57.5	43,140	1,540.6
1960	51,600	28,600	3,420	61.0	48,880	1,745.7
1961	50,000	31,000	3,580	64.0	55,550	1,984.0
1962	47,000	26,000	3,420	61.0	44,410	1,586.0
1963	48,000	25,000	3,300	59.0	41,300	1,475.0
1964	45,600	33,300	3,750	67.0	62,470	2,231.0
1965	54,600	48,600	3,470	62.0	84,360	3,013.0
1966	57,500	53,000	3,640	65.0	96,460	3,445.0
1967	67,100	65,600	4,260	76.0	139,610	4,986.0

MOHAVE

1957	100	100
1958	800	600
1959	800	500
1960	700	500
1961	800	600
1962	600	400
1963	200	0
1964	200	0
1965	200	100
1966	300	200
1967	1,100	500

NAVAJO

1957	100	0
1958	200	100
1959	300	100
1960	300	100
1961	400	100
1962	300	100
1963	800	0
1964	400	0
1965	400	0
1966	350	0
1967	650	100

1/ Converted from bushels and rounded.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

SORGHUM: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

PIMA

1957	9,500	6,900	3,020	54.0	10,430	372.6
1958	12,000	7,000	2,860	51.0	10,000	357.0
1959	11,800	7,500	3,080	55.0	11,550	412.5
1960	15,000	9,700	2,910	52.0	14,120	504.4
1961	12,800	9,100	3,530	63.0	16,050	573.3
1962	10,300	8,500	3,920	70.0	16,660	595.0
1963	11,200	10,300	4,140	74.0	21,340	762.2
1964	11,200	10,100	4,760	85.0	24,040	858.5
1965	15,400	12,500	4,260	76.0	26,600	950.0
1966	13,400	13,100	4,030	72.0	26,410	943.2
1967	18,400	17,600	4,930	88.0	43,370	1,549.0

PINAL

1957	28,000	17,100	3,160	56.5	27,030	965.4
1958	24,900	17,400	2,970	53.0	25,820	922.2
1959	23,900	20,600	3,250	58.0	33,450	1,194.8
1960	24,400	21,200	3,420	61.0	36,210	1,293.2
1961	22,500	21,000	3,470	62.0	36,460	1,302.0
1962	21,000	18,000	3,640	65.0	32,760	1,170.0
1963	25,200	22,000	3,470	62.0	38,190	1,364.0
1964	24,500	22,800	3,530	63.0	40,210	1,436.0
1965	26,500	23,700	3,750	67.0	44,460	1,588.0
1966	31,200	30,000	4,140	74.0	62,160	2,220.0
1967	40,000	39,500	4,650	83.0	91,780	3,278.0

SANTA CRUZ

1957	300	100	2,800	50.0	140	5.0
1958	1,200	300	2,240	40.0	340	12.0
1959	1,200	300	2,240	40.0	340	12.0
1960	1,200	300	2,240	40.0	340	12.0
1961	900	300	2,240	40.0	340	12.0
1962	700	150	2,800	50.0	210	7.5
1963	500	200	3,420	61.0	340	12.2
1964	800	250	2,510	44.8	310	11.2
1965	800	50	2,800	50.0	70	2.5
1966	800	50	2,690	48.0	70	2.4
1967	800	300	4,540	81.0	680	24.3

1/ Converted from bushels and rounded.

SORGHUM: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

YAVAPAI

1957	400	300
1958	300	200
1959	400	200
1960	500	200
1961	400	200
1962	400	200
1963	200	100
1964	300	0
1965	300	100
1966	250	100
1967	300	200

YUMA

1957	17,200	12,800	2,800	50.0	17,920	640.0
1958	17,000	13,300	2,740	49.0	18,250	651.7
1959	21,100	16,400	2,580	46.0	21,120	754.4
1960	21,500	16,700	2,580	46.0	21,510	768.2
1961	15,500	13,200	3,190	57.0	21,070	752.4
1962	12,700	11,000	2,580	46.0	14,170	506.0
1963	11,400	9,400	3,860	69.0	18,160	648.6
1964	14,300	12,700	3,010	53.8	19,130	683.3
1965	14,400	13,000	4,140	74.0	26,940	962.0
1966	16,200	15,800	3,420	61.0	26,990	963.8
1967	29,300	28,800	3,140	56.0	45,160	1,613.0

1/ Converted from bushels and rounded.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

WHEAT: Acreage, yield, production, Arizona, by counties, 1957-67

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

APACHE

1957	300	200
1958	300	200
1959	700	600
1960	300	200
1961	200	100
1962	200	50
1963	350	80
1964	150	40
1965	450	230
1966	250	50
1967	100	50

COCHISE

1957	1,300	1,200	1,500	25.0	900	30.0
1958	2,900	2,700	1,200	20.0	1,620	54.0
1959	3,300	3,000	2,160	36.0	3,240	108.0
1960	600	600	1,560	26.0	470	15.6
1961	1,000	900	2,160	36.0	970	32.4
1962	650	400	2,220	37.0	440	14.8
1963	1,400	660	1,920	32.0	630	21.1
1964	900	860	2,100	35.0	900	30.1
1965	1,050	940	2,400	40.0	1,130	37.6
1966	1,800	1,300	2,340	39.0	1,520	50.7
1967	17,000	14,700	2,700	45.0	19,840	661.5

COCONINO

1957	1,500	1,300
1958	1,500	1,300
1959	1,900	1,700
1960	500	350
1961	400	300
1962	500	400
1963	450	240
1964	500	300
1965	200	120
1966	350	100
1967	500	300

1/ Converted from bushels and rounded.

WHEAT: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

 Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

GILA

1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

200 200
50 50

10

GRAHAM

1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

100 100
200 200
100 100
100 50
100 50
100 10
100 10
20 10
50 10
20 10
50 10
100 100

GREENLEE

1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967

200 200
200 200
200 200
100 100
100 100
200 140
120 80
150 80
60 50
200 70
200 50

1/ Converted from bushels and rounded.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

WHEAT: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

Acres Lbs. 1/ Bu. Tons 1/ 1000 Bu.

MARICOPA

1957	18,800	17,000	2,640	44.0	22,440	748.0
1958	49,500	47,000	2,230	37.2	52,410	1,747.0
1959	34,000	31,000	2,880	48.0	44,640	1,488.0
1960	6,600	6,000	2,400	40.0	7,200	240.0
1961	10,700	10,000	2,880	48.0	14,400	480.0
1962	8,900	7,500	2,820	47.0	10,580	352.5
1963	13,500	12,300	2,880	48.0	17,710	590.4
1964	16,500	13,800	3,060	51.0	21,110	703.8
1965	10,300	9,900	2,940	49.0	14,550	485.1
1966	9,500	9,000	2,460	41.0	11,070	369.0
1967	13,500	13,000	3,240	54.0	21,060	702.0

MOHAVE

1957	500	400
1958	800	600
1959	600	500
1960	100	50
1961	100	50
1962	100	50
1963	50	
1964	450	260
1965	300	250
1966	150	
1967	100	

NAVAJO

1957	3,100	2,800
1958	2,600	2,300
1959	2,900	2,600
1960	600	500
1961	400	300
1962	700	450
1963	1,100	560
1964	600	250
1965	700	300
1966	600	300
1967	400	350

1/ Converted from bushels and rounded.

WHEAT: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN		
		Acres Harvested	Yield Per Harvested Acre	Production

	<u>Acres</u>		<u>Lbs. 1/</u>	<u>Bu.</u>	<u>Tons 1/</u>	<u>1000 Bu.</u>
<u>PIMA</u>						
1957	800	700				
1958	2,600	2,300				
1959	700	600				
1960	300	250				
1961	100	100				
1962	150	100				
1963	200	90				
1964	100	80				
1965	220	150				
1966	250	170				
1967	400	350				

<u>PINAL</u>						
1957	19,500	17,800	2,310	38.5	20,560	685.3
1958	33,500	31,000	1,950	32.5	30,220	1,007.5
1959	28,400	25,800	2,520	42.0	32,510	1,083.6
1960	8,000	7,600	2,220	37.0	8,440	281.2
1961	8,600	8,100	2,460	41.0	9,960	332.1
1962	10,000	8,300	2,700	45.0	11,200	373.5
1963	7,500	7,200	2,460	41.0	8,860	295.2
1964	12,200	11,400	2,820	47.0	16,070	535.8
1965	8,800	8,600	2,520	42.0	10,840	361.2
1966	7,800	7,300	2,400	40.0	8,760	292.0
1967	12,500	11,700	3,000	50.0	17,550	585.0

<u>SANTA CRUZ</u>						
1957						
1958	100	100				
1959						
1960	50	50				
1961						
1962						
1963						
1964						
1965						
1966						
1967						

1/ Converted from bushels and rounded.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

WHEAT: Acreage, yield, production, Arizona, by counties, 1957-67 (cont'd)

Year	Acres Planted All Purposes	FOR GRAIN			
		Acres Harvested	Yield Per Harvested Acre	Production	
	<u>1000 Acres</u>		<u>Lbs. 1/</u>	<u>Bu.</u>	<u>Tons 1/</u> <u>1000 Bu.</u>
<u>YAVAPAI</u>					
1957	3,500	3,300			
1958	4,300	4,100			
1959	3,500	3,200			
1960	300	300			
1961	300	300			
1962	900	800			
1963	700	380			
1964	800	420			
1965	600	350			
1966	150				
1967	500	400			
<u>YUMA</u>					
1957	19,400	18,000	2,100	35.0	18,900 630.0
1958	31,500	30,000	1,770	29.5	26,550 885.0
1959	27,500	24,500	2,520	42.0	30,870 1,029.0
1960	6,400	5,900	2,160	36.0	6,370 212.4
1961	6,000	5,700	2,520	42.0	7,180 239.4
1962	6,600	5,800	2,220	37.0	6,440 214.6
1963	5,600	5,400	2,870	47.8	7,740 258.0
1964	5,600	5,500	3,180	53.0	8,740 291.5
1965	5,300	5,100	3,060	51.0	7,800 260.1
1966	4,900	4,700	2,520	42.0	5,920 197.4
1967	9,700	9,000	3,120	52.0	14,040 468.0

1/ Converted from bushels and rounded.

ALFALFA FOR HAY: Acreage, yield and production, Arizona, by counties, 1959-67

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Year	Acreage Harvested	Yield Per Harvested Acre	Production
	<u>Acres</u>	<u>Tons</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>	<u>Tons</u>
<u>APACHE</u>				<u>COCHISE</u>			
1959	5,400	2.6	14,000	1959	9,800	4.0	39,200
1960	4,200	3.0	12,600	1960	9,700	4.0	38,800
1961	3,500	2.8	9,800	1961	11,000	4.3	47,300
1962	2,600	3.0	7,800	1962	10,300	4.0	41,000
1963	2,200	2.5	5,500	1963	8,200	4.2	34,400
1964	2,400	2.4	5,760	1964	8,000	4.1	32,800
1965	2,300	2.5	5,750	1965	7,000	4.6	32,200
1966	2,500	2.9	7,250	1966	7,200	5.0	36,000
1967	2,500	2.5	6,300	1967	8,300	5.4	44,800
<u>COCONINO</u>				<u>GILA</u>			
1959	900	2.4	2,200	1959	600	4.5	2,700
1960	850	3.5	3,000	1960	300	4.3	1,300
1961	800	3.8	3,000	1961	300	4.0	1,200
1962	800	5.0	4,000	1962	600	4.5	2,700
1963	1,200	4.8	5,800	1963	450	4.0	1,800
1964	2,400	5.5	13,200	1964	350	2.5	910
1965	2,200	3.6	7,920	1965	350	4.3	1,500
1966	2,300	4.3	9,890	1966	400	5.0	2,000
1967	1,800	3.9	7,000	1967	400	5.0	2,000
<u>GRAHAM</u>				<u>GREENLEE</u>			
1959	7,700	4.8	37,000	1959	2,100	4.1	8,600
1960	6,500	5.0	32,500	1960	1,800	4.0	7,200
1961	6,400	5.1	32,600	1961	2,000	4.3	8,600
1962	6,800	5.2	35,400	1962	2,300	4.7	10,800
1963	5,300	5.3	28,100	1963	1,800	4.5	8,100
1964	5,100	4.6	23,450	1964	1,600	4.2	6,700
1965	4,700	5.6	26,300	1965	1,300	5.0	6,500
1966	5,200	4.5	23,400	1966	1,400	3.5	4,900
1967	5,300	5.9	31,300	1967	1,500	4.3	6,400

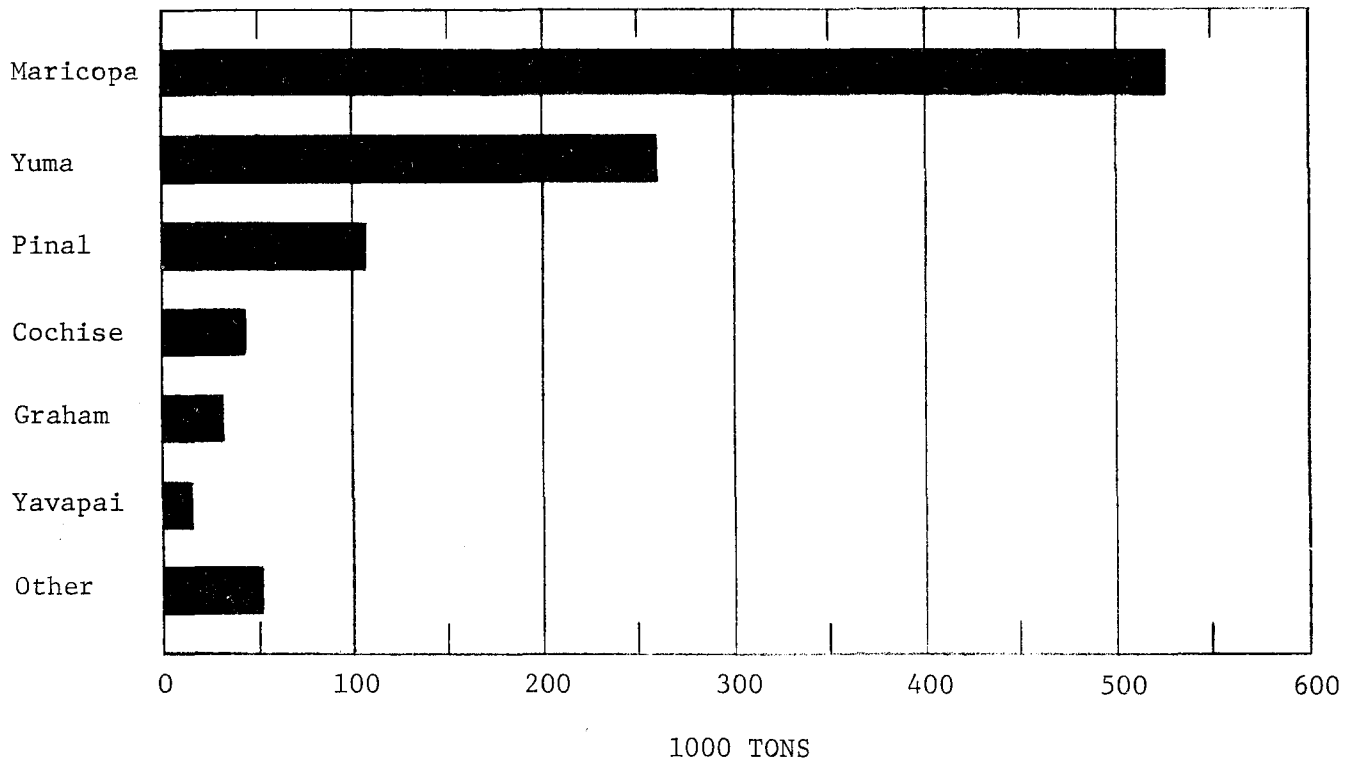
ALFALFA FOR HAY: Acreage, yield and production, Arizona, by counties, 1959-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Year	Acreage Harvested	Yield Per Harvested Acre	Production
	<u>Acres</u>	<u>Tons</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>	<u>Tons</u>
<u>MARICOPA</u>				<u>MOHAVE</u>			
1959	93,700	5.1	477,900	1959	2,000	3.0	6,000
1960	108,400	5.3	574,500	1960	2,250	3.5	7,900
1961	111,400	5.2	579,300	1961	2,400	3.5	8,400
1962	104,000	5.3	551,000	1962	2,600	3.5	9,100
1963	97,000	5.7	553,000	1963	2,700	3.4	9,200
1964	102,500	5.1	522,800	1964	1,200	3.4	4,080
1965	95,000	5.8	551,000	1965	1,200	3.9	4,690
1966	98,100	5.1	500,000	1966	1,300	4.0	5,200
1967	97,700	5.4	527,000	1967	2,100	3.7	7,800
<u>NAVAJO</u>				<u>PIMA</u>			
1959	5,600	3.0	16,800	1959	4,000	4.7	18,800
1960	5,500	3.0	16,500	1960	2,850	4.2	12,000
1961	5,400	2.5	13,500	1961	2,600	4.2	10,900
1962	5,300	3.0	15,900	1962	1,700	4.0	6,800
1963	4,800	3.0	14,400	1963	1,300	4.0	5,200
1964	3,000	2.9	8,700	1964	1,100	4.0	4,400
1965	3,000	2.9	8,700	1965	900	5.1	4,600
1966	3,000	3.9	11,700	1966	1,300	3.4	4,420
1967	3,000	3.1	9,300	1967	1,800	5.0	9,000
<u>PINAL</u>				<u>SANTA CRUZ</u>			
1959	21,300	3.7	78,800	1959	800	4.5	3,600
1960	24,600	4.2	103,300	1960	850	4.6	3,900
1961	19,200	4.1	78,700	1961	1,100	3.9	4,300
1962	17,500	3.8	66,500	1962	1,200	4.2	5,000
1963	19,600	4.2	82,000	1963	850	4.1	3,500
1964	20,000	3.8	76,000	1964	750	4.0	3,000
1965	20,500	4.0	82,000	1965	650	5.0	3,250
1966	20,600	4.9	101,000	1966	800	3.3	2,640
1967	21,000	5.2	109,000	1967	800	4.1	3,300

ALFALFA FOR HAY: Acreage, yield and production, Arizona, by counties, 1959-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Year	Acreage Harvested	Yield Per Harvested Acre	Production
	<u>Acres</u>	<u>Tons</u>	<u>Tons</u>		<u>Acres</u>	<u>Tons</u>	<u>Tons</u>
<u>YAVAPAI</u>				<u>YUMA</u>			
1959	6,100	3.5	21,400	1959	50,000	5.2	260,000
1960	6,200	3.5	21,700	1960	51,000	4.8	244,800
1961	6,400	4.0	25,600	1961	54,500	5.3	288,800
1962	6,300	3.5	22,000	1962	48,000	4.8	230,000
1963	5,600	3.5	20,000	1963	46,000	5.5	253,000
1964	3,600	4.0	14,400	1964	57,000	5.4	307,800
1965	3,500	3.4	11,900	1965	58,400	5.8	338,700
1966	3,600	3.5	12,600	1966	52,300	6.1	319,000
1967	3,300	4.8	15,800	1967	46,500	5.6	260,000

ALFALFA HAY PRODUCTION, ARIZONA, BY COUNTIES 1967



ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

ALL HAY: Acreage, yield, production, price, and value, Arizona, 1909-67

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1909	98	2.42	237	12.40	2,939
1910	102	2.38	243	12.20	2,965
1911	114	2.54	289	10.80	3,121
1912	124	2.63	326	9.90	3,227
1913	135	2.59	349	11.50	4,014
1914	141	2.56	361	10.20	3,682
1915	147	2.60	382	10.20	3,896
1916	159	2.56	407	12.80	5,210
1917	153	2.53	387	22.70	8,785
1918	139	2.39	332	24.90	8,267
1919	153	2.61	399	21.40	8,539
1920	121	2.38	288	29.80	8,582
1921	152	2.12	323	16.00	5,168
1922	162	2.16	350	14.20	4,970
1923	162	2.35	380	16.10	6,118
1924	163	2.34	381	18.00	6,858
1925	168	2.20	370	18.80	6,956
1926	176	2.49	439	11.50	5,048
1927	185	2.48	458	10.60	4,855
1928	182	2.66	485	15.50	7,518
1929	177	2.45	434	18.70	8,116
1930	191	2.73	522	13.20	6,890
1931	209	2.57	537	8.60	4,618
1932	224	2.54	569	6.10	3,471
1933	227	2.45	557	6.80	3,788
1934	210	2.30	483	10.50	5,072
1935	210	2.71	570	8.60	4,902
1936	197	2.28	450	9.40	4,230
1937	204	2.45	500	9.30	4,650
1938	213	2.22	473	7.40	3,500
1939	245	2.13	523	<u>1/</u> 9.90	<u>1/</u> 5,178
1940	230	1.97	454	9.90	4,495
1941	265	2.19	580	11.70	6,786
1942	249	2.25	561	15.60	8,752
1943	282	2.36	666	21.40	14,252
1944	332	2.18	723	20.10	14,532

ALL HAY: Acreage, yield, production, price, and value, Arizona, 1909-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1945	309	2.42	748	20.20	15,110
1946	308	2.39	737	25.60	18,867
1947	271	2.20	595	23.00	13,685
1948	226	2.38	537	26.20	14,069
1949	253	2.47	624	19.70	12,293
1950	253	2.60	659	21.00	13,839
1951	249	2.57	639	34.40	21,982
1952	246	2.75	677	31.00	20,987
1953	237	2.83	670	23.10	15,477
1954	257	2.74	704	25.60	18,022
1955	284	2.75	780	28.20	21,996
1956	273	2.91	795	25.90	20,590
1957	250	3.50	876	26.50	23,214
1958	259	3.96	1,026	24.60	25,240
1959	260	4.18	1,087	25.70	27,936
1960	275	4.31	1,184	25.10	29,718
1961	277	4.36	1,209	23.20	28,049
1962	257	4.31	1,108	26.10	28,919
1963	236	4.70	1,110	30.70	34,077
1964	249	4.44	1,106	25.30	27,982
1965	240	4.88	1,170	24.90	29,133
1966	240	4.70	1,127	26.50	29,866
1967	233	4.82	1,122	31.00	34,782

1/ Baled basis starting 1939; loose hay basis in prior years.

ALFALFA HAY: Acreage, yield, production, price, and value, Arizona, 1919-67

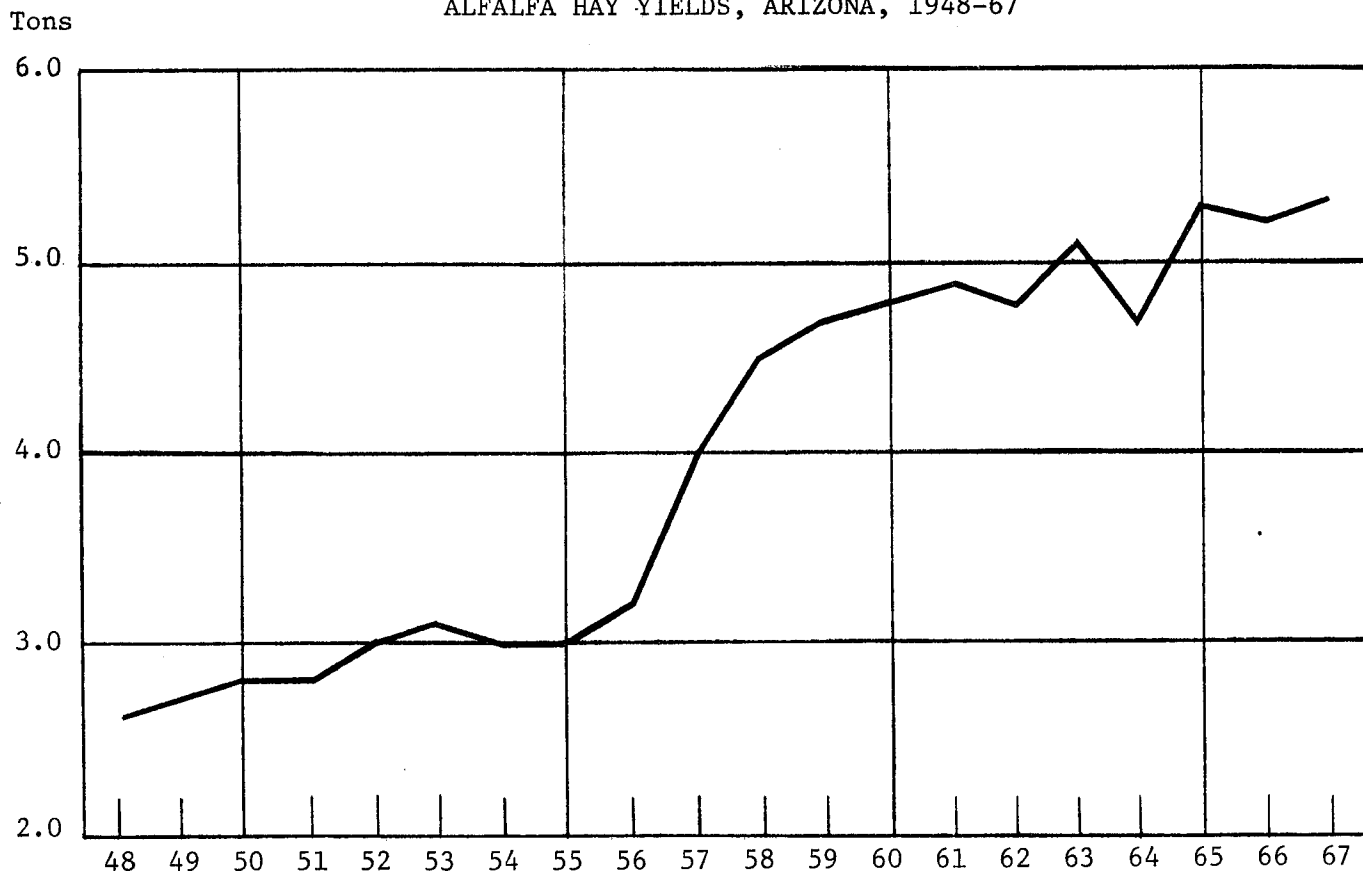
Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production 1/
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1919	110	3.10	341		
1920	82	2.90	238		
1921	103	2.50	258		
1922	114	2.50	285		
1923	115	2.75	316		
1924	110	2.80	308		
1925	116	2.60	302		
1926	126	2.90	365		
1927	132	2.90	383		
1928	136	3.15	428		
1929	131	2.80	367		
1930	141	3.20	451		
1931	162	2.90	470		
1932	170	2.90	493		
1933	167	2.80	468		
1934	156	2.65	413		
1935	153	3.10	474		
1936	152	2.55	388		
1937	158	2.70	427		
1938	159	2.45	390		
1939	178	2.45	436	10.10	4,387
1940	174	2.20	383	10.10	3,856
1941	186	2.45	456	12.00	5,466
1942	181	2.60	471	16.20	7,609
1943	206	2.70	556	22.20	12,330
1944	237	2.50	592	21.20	12,543
1945	232	2.70	626	21.20	13,241
1946	233	2.70	629	26.70	16,772
1947	210	2.45	514	23.90	12,259
1948	176	2.60	458	26.30	12,048
1949	201	2.70	543	19.80	10,754
1950	201	2.80	563	21.50	12,118
1951	195	2.80	546	35.00	19,093
1952	191	3.00	573	31.70	18,171
1953	183	3.10	567	24.20	13,726
1954	201	3.00	603	26.40	15,901

ALFALFA HAY: Acreage, yield, production, price, and value, Arizona, 1919-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price <u>1/</u>	Value of Production <u>1/</u>
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1955	223	3.00	669	28.80	19,277
1956	212	3.20	678	26.30	17,834
1957	191	4.00	764	27.00	20,597
1958	204	4.50	918	24.90	22,823
1959	210	4.70	987	25.90	25,556
1960	225	4.80	1,080	25.30	27,286
1961	227	4.90	1,112	23.40	26,022
1962	210	4.80	1,008	26.20	26,400
1963	193	5.10	984	30.90	31,604
1964	201	4.70	945	25.40	26,034
1965	191	5.30	1,012	25.00	27,127
1966	200	5.20	1,040	26.70	27,756
1967	196	5.30	1,039	31.40	32,640

1/ Price and value not available prior to 1939.

ALFALFA HAY YIELDS, ARIZONA, 1948-67



GRAIN HAY: Acreage, yield, production, price, and value, Arizona, 1919-67

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price <u>1/</u>	Value of Production <u>1/</u>
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1919	23	1.30	30		
1920	20	1.20	24		
1921	29	1.40	41		
1922	28	1.55	43		
1923	25	1.55	39		
1924	32	1.55	50		
1925	30	1.50	45		
1926	31	1.50	46		
1927	32	1.55	50		
1928	30	1.50	45		
1929	33	1.55	51		
1930	35	1.45	51		
1931	32	1.40	45		
1932	40	1.50	60		
1933	46	1.50	69		
1934	35	1.35	47		
1935	39	1.75	68		
1936	31	1.45	45		
1937	30	1.60	48		
1938	36	1.50	54		
1939	52	1.35	70	9.00	630
1940	44	1.30	57	9.00	513
1941	64	1.65	106	10.50	1,113
1942	53	1.35	72	12.50	900
1943	58	1.50	87	17.50	1,520
1944	79	1.35	107	15.00	1,605
1945	63	1.60	101	14.50	1,460
1946	62	1.50	93	19.00	1,765
1947	50	1.35	68	17.00	1,153
1948	40	1.65	66	25.50	1,683
1949	43	1.60	69	19.00	1,311
1950	43	1.90	82	18.00	1,476
1951	43	1.80	77	31.50	2,425
1952	43	1.90	82	27.50	2,255
1953	43	1.90	82	17.00	1,394
1954	43	1.80	77	21.00	1,617

GRAIN HAY: Acreage, yield, production, price, and value, Arizona, 1919-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price <u>1/</u>	Value of Production <u>1/</u>
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1955	46	1.80	83	25.50	2,117
1956	48	1.90	91	24.00	2,184
1957	46	1.90	87	23.50	2,042
1958	43	1.90	82	22.50	1,845
1959	40	2.00	80	24.00	1,920
1960	40	2.10	84	23.50	1,972
1961	40	1.90	76	21.00	1,596
1962	38	2.10	80	25.50	2,039
1963	29	2.25	65	29.00	1,885
1964	30	2.05	62	24.00	1,488
1965	28	2.25	63	24.50	1,544
1966	28	2.15	60	25.50	1,530
1967	26	2.30	60	26.50	1,590

1/ Price and value not available prior to 1939.

OTHER HAY: Acreage, yield, production, price, and value, Arizona, 1919-67

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price <u>1/</u>	Value of Production <u>1/</u>
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1919	20	1.40	28		
1920	19	1.35	26		
1921	20	1.20	24		
1922	20	1.10	22		
1923	22	1.15	25		
1924	21	1.10	23		
1925	22	1.05	23		
1926	19	1.45	28		
1927	21	1.20	25		
1928	16	.75	12		
1929	13	1.25	16		
1930	15	1.35	20		
1931	15	1.45	22		
1932	14	1.15	16		
1933	14	1.45	20		
1934	19	1.20	23		
1935	18	1.55	28		
1936	14	1.20	17		
1937	16	1.55	25		
1938	18	1.60	29		
1939	15	1.15	17	9.50	161
1940	12	1.15	14	9.00	126
1941	15	1.20	18	11.50	207
1942	15	1.20	18	13.50	243
1943	18	1.30	23	17.50	402
1944	16	1.50	24	16.00	384
1945	14	1.50	21	19.50	409
1946	13	1.15	15	22.00	330
1947	11	1.18	13	21.00	273
1948	10	1.30	13	26.00	338
1949	9	1.33	12	19.00	228
1950	9	1.50	14	17.50	245
1951	11	1.50	16	29.00	464
1952	12	1.80	22	25.50	561
1953	11	1.90	21	17.00	357
1954	13	1.85	24	21.00	504

OTHER HAY: Acreage, yield, production, price, and value, Arizona, 1919-67 (cont'd)

Year	Acreage Harvested	Yield Per Harvested Acre	Production	Season Average Price <u>1/</u>	Value of Production <u>1/</u>
	<u>1000 Acres</u>	<u>Tons</u>	<u>1000 Tons</u>	<u>Dol./Ton</u>	<u>1000 Dol.</u>
1955	15	1.90	28	21.50	602
1956	13	2.00	26	22.00	572
1957	13	1.90	25	23.00	575
1958	12	2.20	26	22.00	572
1959	10	2.00	20	23.00	460
1960	10	2.00	20	23.00	460
1961	10	2.10	21	20.50	431
1962	9	2.20	20	24.00	480
1963	10	2.10	21	28.00	588
1964	10	2.05	20	23.00	460
1965	11	2.00	22	21.00	462
1966	12	2.25	27	21.50	580
1967	11	2.10	23	24.00	552

1/ Price and value not available prior to 1939.

GRAIN STOCKS: On farms, off farms and total, by quarters, Arizona, 1966-68

Year	On Farms	Off Farms	Total Stocks	Year	On Farms	Off Farms	Total Stocks
<u>1000 Bu.</u>				<u>1000 Bu.</u>			
<u>BARLEY</u>				<u>SORGHUM GRAIN</u>			
<u>1966</u>				<u>1966</u>			
Jan. 1	1,689	2,002	3,691	Jan. 1	3,237	6,767	10,004
Apr. 1	1,056	1,103	2,159	Apr. 1	1,618	5,475	7,093
July 1	317	381	698	July 1	996	3,329	4,325
Oct. 1	2,580	2,538	5,118	Oct. 1	498	1,248	1,746
<u>1967</u>				<u>1967</u>			
Jan. 1	1,400	1,677	3,077	Jan. 1	4,655	7,259	11,914
Apr. 1	590	743	1,333	Apr. 1	1,802	4,114	5,916
July 1	221	57	278	July 1	1,051	1,862	2,913
Oct. 1	2,880	5,090	7,970	Oct. 1	751	892	1,643
<u>1968</u>				<u>1968</u>			
Jan. 1	960	3,784	4,744	Jan. 1	3,985	8,799	12,784
<u>CORN</u>				<u>WHEAT</u>			
<u>1966</u>				<u>1966</u>			
Jan. 1	392	100	492	Jan. 1	35	283	318
Apr. 1	224	100	324	Apr. 1	18	121	139
July 1	84	<u>1/</u>	<u>1/</u>	July 1	2	<u>1/</u>	<u>1/</u>
Oct. 1	28	<u>1/</u>	<u>1/</u>	Oct. 1	74	<u>1/</u>	<u>1/</u>
<u>1967</u>				<u>1967</u>			
Jan. 1	479	<u>1/</u>	<u>1/</u>	Jan. 1	46	<u>1/</u>	<u>1/</u>
Apr. 1	205	<u>1/</u>	<u>1/</u>	Apr. 1	9	<u>1/</u>	<u>1/</u>
July 1	89	56	145	July 1	2	<u>1/</u>	<u>1/</u>
Oct. 1	27	21	48	Oct. 1	122	1,061	1,183
<u>1968</u>				<u>1968</u>			
Jan. 1	388	<u>1/</u>	<u>1/</u>	Jan. 1	74	643	717

1/ Not published to avoid disclosing individual operations.

Vegetables

Ronald G. Stevenson, Agricultural Statistician

Estimates of vegetables and melons grown commercially in Arizona for fresh market include broccoli, cabbage, cantaloups, carrots, cauliflower, honeydews, lettuce, dry onions and watermelons. Estimates are not made for other vegetables grown in the state. In 1967 commercial vegetables and melons as a group ranked second in value of production for the principal crops in Arizona. Only cotton had a higher value of production. In the United States, Arizona ranked fourth in fresh market vegetable and melon production.

During 1967 the value of the nine commercial vegetable and melon crops estimated in Arizona totaled \$73,178,000. This is 8 percent above last year but is still below the record of \$77,728,000 in 1965. The increase from last year is the result of a higher value of production for cabbage, cantaloups, early spring lettuce, dry onions and watermelons. The acreage of vegetables and melons harvested during 1967 was down about 10,000 acres from the previous year. The largest decrease in acreage occurred in the lettuce crops, but spring cantaloups, cauliflower and watermelons also showed decreases in acreage.

Season average prices received by Arizona farmers for spring cantaloups and early summer honeydews were higher than for any other state. The season average price for spring cantaloups was \$9.70 per cwt.; Texas was next with a price of \$8.70 per cwt. Early summer honeydews in Arizona had a season average price of \$8.40 per cwt.; California was next with a price of \$7.80 per cwt.

Weather during 1967 was generally favorable, although there were some instances of bad weather. Cold weather early in the year caused a late spring and delayed some of the spring crops. Also wet weather early in September caused some replanting and slowed development of some fall crops. The big weather problem of the year came in December when heavy rains and cold weather entered the state. This caused delays in harvesting and a set back in the crops that were not mature.

LEADING FRESH MARKET VEGETABLE STATES IN 1967

Rank	Harvested Acreage		Production		Value	
	State	Percent of total	State	Percent of total	State	Percent of total
1	California	25.7	California	34.0	California	36.2
2	Florida	16.3	Florida	16.0	Florida	18.3
3	Texas	13.5	Texas	9.5	Texas	8.4
4	Arizona	4.5	Arizona	5.7	Arizona	6.5
5	New York	4.4	New York	5.1	New York	3.8

COMMERCIAL VEGETABLES: Arizona, 1960-67

Year	Acreage		Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	<u>Acres</u>		<u>Cwt.</u>	<u>1000 Cwt.</u>	<u>Dol./Cwt.</u>	<u>1000 Dol.</u>
<u>BROCCOLI, WINTER</u>						
1960	400	400	90	36	13.80	497
1961	550	550	70	38	12.90	490
1962	800	800	65	52	13.50	702
1963	700	700	55	38	13.70	521
1964	500	500	50	25	11.60	290
1965	320	320	75	24	12.80	307
1966	380	380	80	30	14.50	435
1967	460	460	65	30	11.70	351
<u>CABBAGE, WINTER</u>						
1960	950	950	205	195	3.60	702
1961	1,000	1,000	180	180	2.55	439
1962	1,300	1,300	275	358	4.05	1,450
1963	1,500	1,500	205	308	3.60	1,109
1964	1,700	1,600	190	$\frac{1}{3}/$ 304	3.10	570
1965	1,300	1,200	180	$\frac{3}{3}/$ 216	4.15	697
1966	1,600	1,500	160	240	3.95	948
1967	1,700	1,600	170	272	4.30	1,170
<u>ONIONS, LATE SPRING</u>						
1960	2,100	2,000	300	$\frac{1}{1}/$ 600	2.45	1,101
1961	1,700	1,700	280	$\frac{1}{1}/$ 476	3.98	1,757
1962	2,000	2,000	270	540	3.83	2,070
1963	1,400	1,400	450	630	4.50	2,835
1964	1,600	1,600	400	$\frac{1}{1}/$ 640	2.60	1,144
1965	1,500	1,500	475	712	5.50	3,916
1966	1,900	1,900	365	694	4.19	2,907
1967	2,800	2,800	370	1,036	3.04	3,153
<u>CANTALOUPS, SPRING (YUMA)</u>						
1960	13,400	13,400	150	2,010	5.40	10,854
1961	14,500	14,500	115	1,668	7.50	12,510
1962	16,500	16,500	125	2,062	5.40	11,135
1963	17,500	17,300	130	2,249	7.10	15,968
1964	19,700	19,700	100	1,970	7.50	14,775
1965	16,100	16,100	120	$\frac{5}{5}/$ 1,932	7.90	13,351
1966	15,000	15,000	120	1,800	6.40	11,520
1967	10,900	10,900	120	1,308	9.70	12,688

See footnotes at the end of the table on page 43.

COMMERCIAL VEGETABLES: Arizona, 1960-67 (cont'd)

Year	Acreage		Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				

AcresCwt.1000 Cwt.Dol./Cwt.1000 Dol.CANTALOUPS, EARLY SUMMER

1960	1,900	1,900	115		218	5.20	1,134
1961	1,800	1,800	140		252	6.50	1,638
1962	1,800	1,700	85	<u>1/</u>	144	4.20	462
1963	500	500	155		78	8.00	624
1964	550	550	125		69	6.00	414
1965	600	600	110		66	7.20	475
1966	650	650	145		94	6.70	630
1967	1,100	1,100	80		88	8.70	766

CANTALOUPS, EARLY FALL 4/

1960							
1961							
1962							
1963							
1964	250	250	110		28	4.60	129
1965	750	750	90		68	4.50	306
1966	350	350	140		49	7.20	353
1967	400	400	150		60	6.40	384

CARROTS, SPRING

1960	2,100	2,100	170	<u>1/</u>	357	4.05	1,041
1961	2,200	2,200	205		451	6.40	2,886
1962	2,100	2,100	245		514	5.10	2,621
1963	2,900	2,800	160		448	4.50	2,016
1964	2,800	2,800	115		322	5.10	1,642
1965	2,700	2,300	185		426	4.90	2,087
1966	3,000	3,000	200		600	6.10	3,660
1967	3,800	3,800	180		684	3.75	2,565

CELERY, WINTER

1960	500	350	400		140	4.10	574
1961	160	150	360		54	3.20	173
1962	80	80	560		45	7.90	356
1963	90	90	455		41	3.50	144
1964	70	70	425		30	5.20	156
1965	50	50	740		37	5.10	189
1966	50	50	460		23	6.30	145
1967	<u>2/</u>						

COMMERCIAL VEGETABLES: Arizona, 1960-67 (cont'd)

Year	Acreage		Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				

AcresCwt.1000 Cwt.Dol./Cwt.1000 Dol.CAULIFLOWER, WINTER

1960	420	420	75	32	11.10	355
1961	600	600	70	42	9.60	403
1962	450	450	100	45	12.00	540
1963	600	600	60	36	11.90	428
1964	600	600	65	39	11.30	441
1965	600	600	75	45	12.10	544
1966	700	700	65	46	13.60	626
1967	650	650	62	40	13.00	520

LETTUCE, WINTER (YUMA)

1960	10,900	10,900	150	1,635	5.20	8,502
1961	11,900	11,900	160	1,904	3.60	6,854
1962	14,700	14,700	170	2,499	5.00	12,495
1963	17,700	17,200	150	2,580	4.70	12,126
1964	18,800	18,800	175	3,290	5.80	19,082
1965	19,600	19,500	165	3,218	3.75	12,068
1966	18,700	17,900	165	2,954	5.90	17,429
1967	16,500	16,000	175	2,800	3.75	10,500

LETTUCE, EARLY SPRING

1960	24,200	24,200	185	4,477	4.60	20,594
1961	24,200	24,200	185	4,477	3.20	14,326
1962	20,000	20,000	200	4,000	5.80	23,200
1963	20,100	20,100	210	4,221	4.75	20,050
1964	22,300	21,400	165	3,531	3.20	11,299
1965	17,300	17,300	210	3,633	7.40	26,884
1966	20,900	20,900	165	<u>1/</u> 3,448	4.75	13,894
1967	17,100	17,100	200	3,420	7.60	25,992

LETTUCE, FALL

1960	23,400	21,400	165	3,531	4.15	14,654
1961	20,900	20,900	180	3,762	4.15	15,612
1962	19,200	18,900	165	3,118	4.70	14,655
1963	18,900	18,900	155	2,930	6.10	17,873
1964	17,900	17,900	155	2,774	6.10	16,921
1965	19,100	19,100	170	3,247	4.80	15,586
1966	16,500	16,500	170	2,805	4.55	12,763
1967	14,100	14,100	165	2,326	5.40	12,560

COMMERCIAL VEGETABLES: Arizona, 1960-67 (cont'd)

Year	Acreage		Yield Per Harvested Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				

AcresCwt.1000 Cwt.Dol./Cwt.1000 Dol.WATERMELONS, EARLY SUMMER

1960	4,600	4,600	155	713	1.85	1,319
1961	4,600	4,600	155	713	2.60	1,854
1962	4,500	4,500	155	698	2.05	1,431
1963	4,600	4,400	165	726	2.20	1,597
1964	4,500	4,400	150	660	2.45	1,617
1965	4,500	4,500	140	630	1.90	1,197
1966	3,600	3,600	175	630	2.45	1,544
1967	3,100	3,100	170	527	3.35	1,765

HONEYDEW MELONS, SUMMER

1960	850	850	140	119	5.80	690
1961	950	950	110	104	6.40	666
1962	550	550	145	80	5.30	424
1963	600	600	190	114	7.20	821
1964	1,100	1,000	95	95	6.00	570
1965	700	700	115	80	6.10	488
1966	1,100	1,100	145	160	7.00	1,120
1967	1,500	1,300	70	91	8.40	764

-
- 1/ Includes some quantities not marketed and excluded in computing value.
2/ Estimates discontinued.
3/ Includes 48,000 cwt. not marketed and excluded in computing value.
4/ Early Fall Cantaloup data prior to 1965 was included in Early Summer Cantaloups.
5/ Includes 242,000 cwt. not marketed and excluded in computing value.

Fruit

James F. Riggs, Agricultural Statistician

Production of grapefruit in Arizona for the 1967-68 crop is expected to be about 65 percent greater than the 1966-67 crop. When the trees bloomed last spring all expectations were for a record crop but an unusually heavy June drop occurred. Though the 1967-68 crop will be an excellent one in terms of production, no records are expected to be broken. The fruit sizes have been running comparatively smaller than last year, however the fruit quality has been excellent.

Overall production of navel and sweet oranges was up slightly from last year but did not reach the record level of the 1965-66 crop. Due to the freeze in California that damaged a large percentage of their navel crop, navels were in short supply and Arizona growers had an excellent market for their fruit. The Valencia orange harvest is just getting underway at the time of this writing and a decrease of about 10 percent from last year's record crop is forecast. Barring any unforeseen circumstances, this will be the second largest crop on record.

With the harvest better than 90 percent complete at this writing, Arizona lemon growers should exceed the 1966-67 record crop by 10 percent or better. This is due to a good set of fruit and increased acreage in the Yuma area. With the exception of about 10 days in early December when wet groves halted all operations, weather conditions were very favorable to the bumper crop.

Arizona grape growers finally came into their own this past season when all the variables fell into place in Arizona. Competition from the Coachella and Arvin areas in California was nearly non-existent. Summer rains were generally favorable in their timing even though there was some damage from rain. These factors along with excellent yields resulted in the best season, market-wise, in history. There is no winery in Arizona, therefore cull grapes were left on the vines.

FRUIT: Production, price and value, Arizona, 1961-67

Year of Bloom	Production	Season Average Price 1/	Value	Year of Bloom	Production	Season Average Price 1/	Value
	1000 Ctn.	Dol./Ctn.	1000 Dol.		1000 Ctn.	Dol./Ctn.	1000 Dol.
<u>ALL ORANGES 2/</u>				<u>GRAPEFRUIT</u>			
1961	2,880	2.43	6,994	1961	<u>4/</u> 4,540	.40	1,736
1962	3,120	1.91	5,952	1962	4,340	.50	2,148
1963	4,400	1.90	8,374	1963	6,420	.90	5,810
1964	4,840	1.49	7,223	1964	5,800	.63	3,654
1965	4,840	1.22	5,892	1965	6,100	.78	4,728
1966	7,820	1.20	9,421	1966	3,360	.78	2,604
1967	<u>3/</u> 7,400			1967	<u>3/</u> 6,000		
<u>VALENCIA ORANGES</u>				<u>LEMONS</u>			
1961	1,600	2.06	3,288	1961	3,080	.90	2,787
1962	1,840	1.76	3,238	1962	980	2.32	2,274
1963	2,540	1.88	4,775	1963	3,480	1.26	4,385
1964	3,500	1.30	4,550	1964	2,220	1.66	3,685
1965	2,920	1.13	3,300	1965	3,940	1.22	4,807
1966	6,100	1.02	6,222	1966	5,620	1.50	8,430
1967	<u>3/</u> 5,600			1967	<u>3/</u> 6,200		
<u>NAVEL & MISCELLANEOUS ORANGES 2/</u>				<u>GRAPES</u>			
1961	1,280	2.90	3,706	1961	<u>Tons</u> 9,230	<u>Dol./Ton</u> 261.00	2,409
1962	1,280	2.12	2,714	1962	12,100	210.00	2,541
1963	1,860	1.93	3,599	1963	16,500	205.00	3,382
1964	1,340	1.99	2,673	1964	12,600	226.00	2,848
1965	1,920	1.35	2,592	1965	15,700	187.00	2,936
1966	1,720	1.86	3,199	1966	12,600	260.00	3,276
1967	<u>3/</u> 1,800			1967	14,300	376.00	5,377
<u>TANGERINES</u>							
1964	378	2.18	825				
1965	486	1.94	945				
1966	540	1.92	1,036				
1967	<u>3/</u> 540						

1/ Packing House Door price including fresh and processed.

2/ Includes Tangerines prior to the 1964-65 season.

3/ February 1, 1968 estimates

4/ 4,340,000 cartons having value, 200,000 cartons economic abandonment.

ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

ESTIMATED BEARING ACREAGE OF CITRUS AND GRAPES, ARIZONA, 1930-67

Year of Bloom	Oranges	Grapefruit	Lemons	Grapes
<u>Thousand Acres</u>				
1930	1.3	1.2		
1931	1.6	1.6		
1932	2.0	2.2		
1933	2.7	3.0		
1934	4.1	4.4		
1935	5.5	7.0		
1936	6.3	10.5		
1937	6.3	12.5		
1938	7.0	12.9		
1939	7.3	14.0		
1940	7.3	13.4		
1941	7.3	13.0		
1942	7.3	13.0		
1943	7.3	12.6		
1944	7.3	12.6		
1945	7.3	12.6		
1946	7.3	12.0		
1947	7.8	10.8		
1948	8.3	10.0	<u>2/</u> .6	
1949	8.4	10.0	.7	
1950	8.5	9.0	.7	
1951	8.3	8.9	.8	
1952	7.5	8.5	.8	
1953	7.1	7.0	.9	
1954	6.9	6.0	1.0	
1955	6.8	6.0	1.0	
1956	6.8	5.5	1.3	
1957	6.7	5.4	1.7	
1958	6.6	5.6	2.7	
1959	7.4	5.6	4.3	
1960	7.7	5.7	5.0	<u>2/</u> 1.8
1961	8.7	5.8	5.8	1.8
1962	9.8	6.0	6.5	2.1
1963	11.7	6.0	6.7	2.4
1964	13.8	6.1	6.8	4.0
1965	14.1	6.2	6.5	4.6
1966	16.4	6.6	6.9	4.6
1967 <u>1/</u>	17.0	6.7	7.7	4.2

1/ Preliminary.2/ Data not available for previous years.

Cattle

Archie J. Olson, Agricultural Statistician

The total Arizona cattle population has grown about 14 percent since 1960 or nearly 2 percent per year on the average. Yearly changes in inventory during this 8-year span ranged from an increase of 7.0 percent during 1962 to a decrease of 3.4 percent during 1965.

The January 1, 1968 inventory of all cattle and calves in Arizona is estimated at 1,160,000 head and was valued at \$164,720,000 or \$142.00 per head. The inventory includes 80,000 cattle and calves kept for milk, 385,000 cattle and calves on feed, and 695,000 other cattle and calves. When compared with other States, Arizona ranks thirty-fourth in the total number of cattle and calves on farms and ranches, the same as on January 1, 1967.

Weather and range conditions varied considerably during 1967. Soil moisture was short at the beginning of the year and very little moisture fell during the first four months. On May 1, 1967 range conditions were lower than on any other May 1 since 1955. Rains during July and August improved ranges and feed supplies were fairly adequate for the rest of 1967.

In mid-December northern and eastern Arizona was hit by severe snow storms. Snow accumulated up to 7 feet in some areas. Losses of cattle due to the storm varied from light on some ranches to heavy on others but overall losses were not as extensive as first feared. However, due to the storm many cows aborted and the 1968 calf crop will no doubt be further reduced because of the weakened condition of many cows. Extensive damage was done to fences on the ranges as many miles of fencing were flattened or broken.

ARIZONA RANK AMONG THE STATES

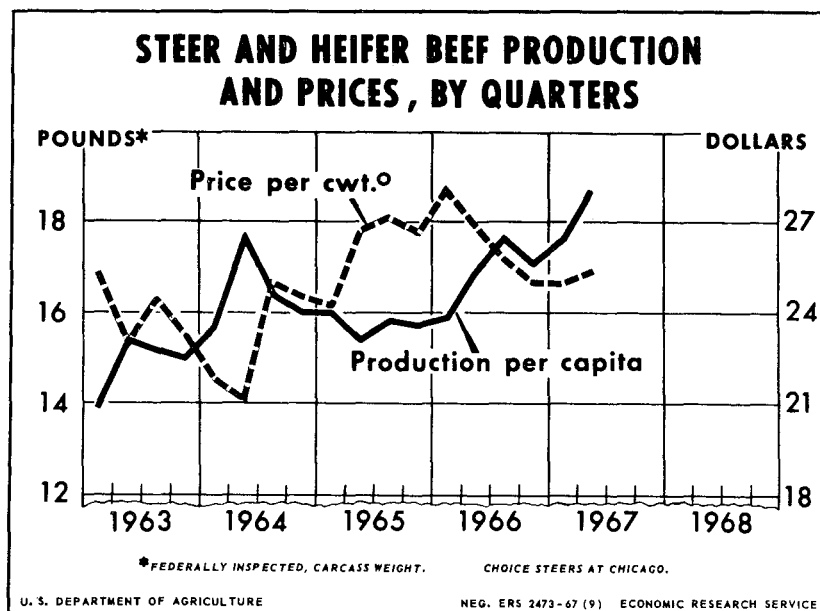
Year (January 1)	Number of All Cattle and Calves	Number of Cattle on Feed
1960	34th	9th
1961	34th	10th
1962	34th	9th
1963	34th	9th
1964	33rd	10th
1965	33rd	8th
1966	34th	10th
1967	34th	11th
1968	34th	11th

ALL CATTLE: Number and value on farms, Arizona, January 1, 1960-68

Year	Number	Farm Value	
		Per Head	Total
	<u>1000 Head</u>	<u>Dol.</u>	<u>1000 Dol.</u>
1960	1,019	125.00	127,375
1961	1,047	125.00	130,875
1962	1,056	129.00	136,224
1963	1,130	141.00	159,330
1964	1,100	126.00	138,600
1965	1,140	114.00	129,960
1966	1,101	132.00	145,332
1967	1,156	146.00	168,776
1968	1,160	142.00	164,720

CATTLE: Inventory by classes, Arizona, January 1, 1960-68

Year	All Cattle and Calves	For Milk			Other Cattle				
		Cows and Heifers 2 yrs.+	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs.+	Heifers 1-2 Yrs.	Other Calves	Steers 1 Yr.+	Bulls 1 Yr.+
		<u>1000 Head</u>							
1960	1,019	53	14	16	343	86	257	231	19
1961	1,047	54	15	16	337	105	245	254	21
1962	1,056	54	14	15	366	85	266	235	21
1963	1,130	54	13	14	373	96	244	314	22
1964	1,100	56	12	15	378	96	252	268	23
1965	1,140	56	13	14	388	83	281	283	22
1966	1,101	56	12	13	361	90	251	298	20
1967	1,156	56	11	13	390	98	278	287	23
1968	1,160	55	11	14	376	93	286	303	22



CATTLE ON FEED: Number by classes, weight groups, Arizona, 1962-Jan. 1, 1968

CATTLE ON HAND, NUMBER BY CLASSES, WEIGHT GROUPS, RAZONA, 1962-Jan. 1, 1966									
Date	Total	Steers and Steer Calves	Heifers and Heifer Calves	Cows and Others	Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900- 1,099 lbs.	Over 1,100 lbs.
		<u>1000 Head</u>			<u>1000 Head</u>				
<u>1962</u>									
Jan. 1	310	232	69	9	93	87	90	36	4
Feb. 1	300								
Mar. 1	287								
Apr. 1	270	216	52	2	42	90	85	50	3
May 1	243								
June 1	254								
July 1	250	206	42	2	36	79	80	52	3
Aug. 1	237								
Sept. 1	240								
Oct. 1	266	224	42	-	57	79	83	45	2
Nov. 1	341								
Dec. 1	382								
<u>1963</u>									
Jan. 1	377	301	71	5	85	122	121	46	3
Feb. 1	384								
Mar. 1	378								
Apr. 1	337	290	46	1	34	111	109	75	8
May 1	307								
June 1	278								
July 1	257	216	41	-	36	56	99	64	2
Aug. 1	263								
Sept. 1	256								
Oct. 1	254	209	43	2	58	55	67	69	5
Nov. 1	297								
Dec. 1	322								
<u>1964</u>									
Jan. 1	324	257	64	3	76	91	105	45	7
Feb. 1	337								
Mar. 1	336								
Apr. 1	319	239	79	1	43	103	93	75	5
May 1	301								
June 1	274								
July 1	259	216	43	-	25	53	107	68	6
Aug. 1	249								
Sept. 1	236								
Oct. 1	243	206	37	-	44	67	76	54	2
Nov. 1	298								
Dec. 1	327								

CATTLE ON FEED: Number by classes, weight groups, Arizona, 1962-Jan. 1, 1968 (cont'd)

TABLE ON FLESH NUMBER BY CLASSES, WEIGHT GROUPS, AND SEX, 1962-Jan. 1, 1968 (cont'd)									
Date	Total	Steers and Steer Calves	Heifers and Heifer Calves	Cows and Others	Under 500 lbs.	500- 699 lbs.	700- 899 lbs.	900- 1,099 lbs.	Over 1,100 lbs.
		<u>1000 Head</u>			<u>1000 Head</u>				
<u>1965</u>									
Jan. 1	348	302	45	1	86	93	105	62	2
Feb. 1	327								
Mar. 1	316								
Apr. 1	290	238	51	1	35	102	105	48	-
May 1	265								
June 1	290								
July 1	292	246	43	3	27	91	114	57	3
Aug. 1	284								
Sept. 1	277								
Oct. 1	291	247	41	3	57	83	80	67	4
Nov. 1	334								
Dec. 1	362								
<u>1966</u>									
Jan. 1	364	309	51	4	80	122	96	62	4
Feb. 1	331								
Mar. 1	306								
Apr. 1	294	255	37	2	30	80	114	67	3
May 1	291								
June 1	288								
July 1	284	227	54	3	37	74	100	69	4
Aug. 1	273								
Sept. 1	267								
Oct. 1	271	235	33	3	68	64	75	59	5
Nov. 1	323								
Dec. 1	355								
<u>1967</u>									
Jan. 1	373	309	60	4	87	120	111	48	7
Feb. 1	376								
Mar. 1	368								
Apr. 1	362	322	37	3	28	105	130	96	3
May 1	334								
June 1	326								
July 1	317	275	39	3	41	97	95	79	5
Aug. 1	312								
Sept. 1	308								
Oct. 1	313	273	37	3	79	89	96	46	3
Nov. 1	354								
Dec. 1	387								
<u>1968</u>									
Jan. 1	385	327	54	4	84	109	132	57	3

CATTLE ON FEED: Number by counties, Arizona, 1965-Jan. 1, 1968

Date	Total	Maricopa	Pinal	Yuma	Other
<u>1000 Head</u>					
<u>1965</u>					
Jan. 1	348	246	32	51	19
Feb. 1	327	232	28	48	19
Mar. 1	316	225	26	47	18
Apr. 1	290	201	23	50	16
May 1	265	187	22	43	13
June 1	290	206	25	47	12
July 1	292	210	25	45	12
Aug. 1	284	216	26	33	9
Sept. 1	277	208	27	33	9
Oct. 1	291	214	29	35	13
Nov. 1	334	239	30	47	18
Dec. 1	362	253	34	56	19
<u>1966</u>					
Jan. 1	364	256	29	59	20
Feb. 1	331	215	37	58	21
Mar. 1	306	197	38	53	18
Apr. 1	294	190	36	50	18
May 1	291	192	34	47	18
June 1	288	189	37	43	19
July 1	284	185	40	42	17
Aug. 1	273	176	41	40	16
Sept. 1	267	169	43	38	17
Oct. 1	271	171	41	39	20
Nov. 1	323	204	50	47	22
Dec. 1	355	228	51	50	26
<u>1967</u>					
Jan. 1	373	237	55	54	27
Feb. 1	376	237	54	54	31
Mar. 1	368	222	60	54	32
Apr. 1	362	215	63	54	30
May 1	334	178	81	52	23
June 1	326	172	79	54	21
July 1	317	170	76	51	20
Aug. 1	312	169	73	49	21
Sept. 1	308	177	68	42	21
Oct. 1	313	179	73	40	21
Nov. 1	354	206	80	46	22
Dec. 1	387	223	86	52	26
<u>1968</u>					
Jan. 1	385	231	83	47	24

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, 1961-67

Month	1961	1962	1963	1964	1965	1966	1967
<u>1000 Head</u>							
January	37	44	40	43	50	51	43
February	41	40	39	38	51	51	45
March	61	58	62	52	65	57	56
April	63	57	64	52	61	52	60
May	49	54	70	61	64	62	71
June	49	49	61	56	56	57	63
July	40	49	53	55	55	50	65
August	34	46	53	59	51	52	63
September	31	45	45	51	49	48	55
October	30	47	46	48	54	46	51
November	34	38	38	45	44	45	44
December	45	41	37	40	50	43	42
Total	514	568	608	600	650	614	658

COMMERCIAL CATTLE SLAUGHTER: Number, average & total liveweight, Arizona, 1966-67

Year	CATTLE			CALVES			TOTAL		
	Number	Weight Per Head	Total Live- Weight	Number	Weight Per Head	Total Live- Weight	Number	Weight Per Head	Total Live- Weight
		<u>Lbs.</u>	<u>1000 Lbs.</u>		<u>Lbs.</u>	<u>1000 Lbs.</u>		<u>Lbs.</u>	<u>1000 Lbs.</u>
<u>1966</u>									
Jan.	21,400	942	20,159	600	473	284	22,000	929	20,443
Feb.	20,000	938	18,760	700	477	334	20,700	922	19,094
Mar.	22,000	914	20,108	500	477	238	22,500	904	20,346
Apr.	19,400	929	18,023	400	461	184	19,800	920	18,207
May	20,500	930	19,065	400	465	186	20,900	921	19,251
June	22,100	923	20,398	400	497	199	22,500	915	20,597
July	18,400	1,002	18,437	400	485	194	18,800	991	18,631
Aug.	20,200	936	18,907	400	472	189	20,600	927	19,096
Sept.	21,000	929	19,509	400	466	186	21,400	920	19,695
Oct.	19,800	942	18,652	500	485	242	20,300	931	18,894
Nov.	19,200	955	18,336	400	448	179	19,600	945	18,515
Dec.	19,200	965	18,528	400	463	185	19,600	955	18,713
Total	243,200	941	228,882	5,500	473	2,600	248,700	931	231,482
<u>1967</u>									
Jan.	20,400	981	20,012	500	487	244	20,900	969	20,256
Feb.	20,300	965	19,590	500	447	224	20,800	953	19,814
Mar.	21,300	975	20,768	500	483	242	21,800	964	21,010
Apr.	19,000	960	18,240	400	484	194	19,400	950	18,434
May	21,600	945	20,412	400	489	196	22,000	937	20,608
June	22,000	955	21,010	500	491	246	22,500	945	21,256
July	18,800	971	18,255	400	484	194	19,200	961	18,449
Aug.	21,100	949	20,024	400	473	189	21,500	940	20,213
Sept.	20,200	947	19,129	400	475	190	20,600	938	19,319
Oct.	21,400	944	20,202	400	495	198	21,800	936	20,400
Nov.	19,700	946	18,636	500	466	233	20,200	934	18,869
Dec.	19,600	959	18,796	400	480	192	20,000	949	18,988
Total	245,400	958	235,074	5,300	480	2,542	250,700	948	237,616

CALF CROP: Arizona, 1960-67

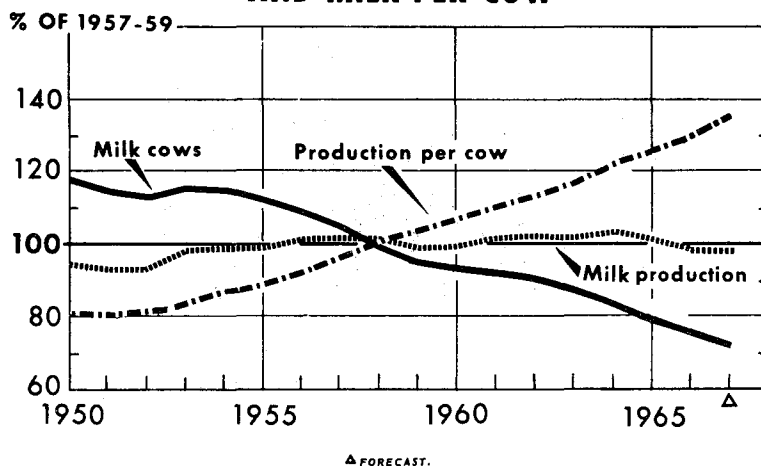
Year	Cows and Heifers two yrs. and older January 1	Calves Born	
		As % of Cows & heifers two yrs. and older January 1	Number
	1000 Head	Percent	1000 Head
1960	396	75	297
1961	391	81	317
1962	420	79	332
1963	427	79	337
1964	434	81	352
1965	444	77	342
1966	417	85	354
1967 1/	446	79	352

1/ Preliminary.

MILK COWS AND PRODUCTION OF MILK, MILKFAT, AND BUTTER: Arizona, 1960-67

Year	Number of milk cows on farms	Production of milk and milkfat				
		Per milk cow		Percentage of fat in all milk prod.	Total	
		Milk	Milkfat		Milk	Milkfat
	1000 Head	Lbs.		Percent	Mil. Lbs.	
1960	50	9,220	332	3.60	461	17
1961	50	9,360	337	3.60	468	17
1962	50	9,550	344	3.60	478	17
1963	51	9,900	351	3.55	505	18
1964	52	10,000	355	3.55	520	18
1965	52	10,170	363	3.57	529	19
1966	52	10,270	367	3.57	534	19
1967	51	10,570			539	

UNITED STATES

MILK PRODUCTION, COW NUMBERS,
AND MILK PER COW

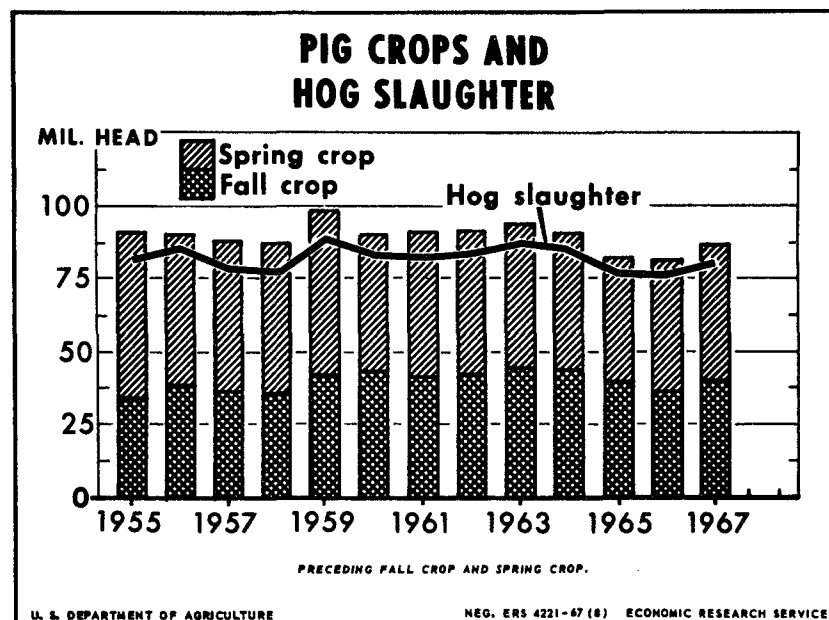
Hogs

Archie J. Olson, Agricultural Statistician

The hog industry in Arizona continued to expand during 1967. This expansion has been primarily by a few large producers. The total number of hog producers has changed very little in the past two years. In fact, there has been a small decline in the number of producers. On January 1, 1968 there were 47,000 hogs and pigs on Arizona farms and ranches compared with 36,000 a year earlier and 28,000 on January 1, 1966. The pig crop in Arizona totaled 74,000 pigs during 1967 compared with 53,000 during 1966 and an average of 39,000 during the 5-year period 1961-65. Arizona hog producers still do not produce enough pork to supply the need of the population of Arizona.

Swine producers in Arizona produce for the meat packer almost exclusively. There are very few producers who raise purebred hogs. Nearly all of the male breeding stock and a portion of the female stock are purchased from other states and shipped in. Most of the common breeds of hogs are being used for cross breeding in Arizona. However, Hampshire, Yorkshire and Duroc are probably used in more cross breeding programs than any other breeds.

UNITED STATES



HOGS & PIGS: Number and value on farms, Arizona, January 1, 1960-68

Year	Number	Farm Value	
		Per Head	Total
	<u>1000 Head</u>	<u>Dol.</u>	<u>1000 Dol.</u>
1960	32	18.30	586
1961	28	23.50	658
1962	30	24.40	732
1963	30	25.50	765
1964	28	21.10	591
1965	26	20.20	525
1966	28	37.60	1,053
1967	36	27.10	976
1968	47	24.20	1,137

PIG CROP: Sows Farrowing, Pigs per Litter, Pigs Saved, Arizona, 1960-67

Year	Total Pig Crop Spring and Fall		<u>1/</u> Spring Pig Crop			<u>2/</u> Fall Pig Crop		
	Sows Farrowing	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved
	<u>1000 Head</u>							
1960	5.1	36	2.6	6.9	18	2.5	7.0	18
1961	5.1	36	2.5	7.5	19	2.6	6.5	17
1962	5.1	35	2.5	7.4	18	2.6	6.5	17
1963	5.1	39	2.5	7.8	20	2.6	7.2	19
1964	5.7	42	2.8	8.0	22	2.9	7.0	20
1965	5.7	41	2.9	8.0	23	2.8	6.6	18
1966	6.7	53	3.2	8.0	26	3.5	7.6	27
1967 <u>3/</u>	9.2	74	4.2	8.0	34	5.0	8.0	40

1/ Spring, December through May.2/ Fall, June through November.3/ Preliminary for Fall.

COMMERCIAL HOG SLAUGHTER: Number, average & total liveweight, Arizona, 1965-67

Year	Number	Weight Per Head	Total Live- Weight
		<u>Lbs.</u>	<u>1000 Lbs.</u>
<u>1965</u>			
January	10,700	231	2,472
February	10,600	229	2,427
March	11,300	228	2,576
April	10,500	231	2,426
May	9,200	232	2,134
June	9,900	236	2,336
July	9,500	236	2,242
August	9,600	236	2,266
September	10,600	231	2,449
October	10,400	237	2,465
November	11,000	235	2,585
December	10,000	232	2,320
Total	123,300	233	28,698
<u>1966</u>			
January	9,300	232	2,158
February	9,300	237	2,204
March	11,700	230	2,691
April	9,600	240	2,304
May	9,800	244	2,391
June	10,000	237	2,370
July	9,200	238	2,190
August	10,200	232	2,366
September	11,800	230	2,714
October	11,500	231	2,656
November	13,000	232	3,016
December	15,200	233	3,542
Total	130,600	234	30,602
<u>1967</u>			
January	15,300	232	3,550
February	12,800	232	2,970
March	14,500	230	3,335
April	13,300	229	3,046
May	13,900	232	3,225
June	10,900	232	2,529
July	8,100	234	1,895
August	12,200	237	2,891
September	12,200	230	2,806
October	14,500	234	3,393
November	13,700	233	3,192
December	13,300	234	3,112
Total	154,700	232	35,944

Sheep & Goats

Archie J. Olson, Agricultural Statistician

The sheep industry in Arizona can be divided into two primary categories - Indian and non-Indian. The Indian-owned sheep are primarily Rambouillet. Through inbreeding and many years of survival of the fittest the Indian sheep have evolved into very hardy sheep. There has also been some speculation that the sheep on the Navajo Reservation may have blood lines dating back to the time of the Spanish Conquistadors. Regardless of origin the Indian sheep are adapted rather well to the rigorous climate and rugged terrain of northeastern Arizona. The non-Indian-owned sheep are also primarily of Rambouillet ancestry but with selective breeding and the use of good rams, non-Indian sheep individually produce more lambs and wool than Indian-owned sheep.

The number of sheep in Arizona has declined for the third straight year and on January 1, 1968 there were 487,000 sheep on Arizona farms and ranches. This compares with 534,000 a year earlier and 601,000 on January 1, 1966. The inventory estimate for January 1 does not include lambs that are less than 3 months old on January 1. The 1968 inventory is made up of 73,000 sheep and lambs on feed and 414,000 stock sheep and lambs. Non-Indian sheep accounted for 172,000 or about 35 percent of the total 1968 inventory. The non-Indian total is made up of 73,000 sheep and lambs on feed and 99,000 stock sheep.

Wool production averaged 7.2 pounds per sheep shorn during 1966 and the average price per pound of wool was 42 cents. Data were not yet available for 1967 wool production or price at the time this bulletin was published.

The goat population in Arizona is primarily on Indian Reservations. During 1966 about 71,000 goats were clipped with an average weight per clip of 4.2 pounds. The 296,000 pounds of mohair produced in 1966 sold for an average of 42 cents per pound.

ALL SHEEP, STOCK SHEEP, SHEEP ON FEED: Arizona, January 1, 1960-68

Year	All Sheep		STOCK SHEEP			Sheep on Feed
	Number	Value	Number	Farm Value		
				Per Head	Total	
	<u>1000 Head</u>	<u>1000 Dol.</u>	<u>1000 Head</u>	<u>Dol.</u>	<u>1000 Dol.</u>	<u>1000 Head</u>
1960	488	8,932	454	18.40	8,354	34
1961	496	7,710	450	15.60	7,020	46
1962	516	7,016	440	13.70	6,028	76
1963	533	8,369	467	15.80	7,379	66
1964	560	8,824	471	15.90	7,489	89
1965	605	10,779	494	18.00	8,892	111
1966	601	13,693	471	23.00	10,833	130
1967	534	10,937	428	20.60	8,817	106
1968	487	8,890	414	18.30	7,576	73

STOCK SHEEP: Inventory by classes, Arizona, January 1, 1960-68

Year	All Stock Sheep	Lambs		One year and over		
		Ewes	Wethers & Rams	Ewes	Rams	Wethers
		<u>1000 Head</u>				
1960	454	73	15	347	16	3
1961	450	74	15	342	16	3
1962	440	75	15	331	16	3
1963	467	81	16	349	17	4
1964	471	82	16	351	18	4
1965	494	88	16	366	20	4
1966	471	83	15	349	20	4
1967	428	72	13	323	18	2
1968	414	71	11	313	17	2

LAMB CROP: Arizona, 1960-67

Year	Breeding ewes one yr. and older January 1	Lambs Saved <u>1/</u>	
		Number	As % of ewes one yr. and older
	<u>1000 Head</u>	<u>1000 Head</u>	<u>Percent</u>
1960	347	286	82
1961	342	278	81
1962	331	278	84
1963	349	298	85
1964	351	287	82
1965	366	303	83
1966	349	291	83
1967	323	276	85

1/ Lambs docked or branded.

WOOL PRODUCTION AND VALUE: Arizona, 1960-67

Year	All <u>1/</u> Sheep Shorn	Weight per Fleece	Shorn Wool Production	Average Price per Pound <u>2/</u>	Value
	<u>1000 Head</u>	<u>Lbs.</u>	<u>1000 Lbs.</u>	<u>Cts.</u>	<u>1000 Dol.</u>
1960	447	7.2	3,204	35	1,121
1961	510	6.7	3,412	37	1,262
1962	468	7.2	3,385	39	1,320
1963	511	7.1	3,612	38	1,373
1964	508	7.3	3,727	43	1,603
1965	570	7.1	4,068	37	1,505
1966	506	7.2	3,627	42	1,523
1967	Data available after March 21				

1/ Includes shearing at commercial feeding yards.2/ Average price received for wool sold during April-March for 1960 to 1962, April-December for 1963, and calendar year from 1964 on.

SHEEP, NON-INDIAN: Number on farms, Arizona, January 1, 1960-68

Year	All Sheep	Sheep and lambs on feed	Stock Sheep	Ewes one yr.+	Lambs		Rams one yr.+	Wethers one yr.+
					Ewes	Wethers and Rams		
<u>1000 Head</u>								
1960	181	34	147	128	13	1	4	1
1961	180	46	134	116	12	1	4	1
1962	194	76	118	103	10	1	3	1
1963	182	66	116	100	11	1	3	1
1964	202	89	113	97	11	1	3	1
1965	226	111	115	97	13	1	3	1
1966	252	130	122	102	14	1	4	1
1967	202	106	96	86	6	1	3	0
1968 1/	172	73	99	88	8	0	3	0

1/ Preliminary.

WOOL PRODUCTION AND LAMB CROP, NON-INDIAN: Arizona, 1960-67

Year	WOOL PRODUCTION			LAMB CROP		
	Sheep Shorn	Weight per Fleece	Wool Production	Ewes one yr. + January 1	Lambs Saved <u>1/</u>	As % of ewes one yr. +
	<u>1000 Head</u>	<u>Lbs.</u>	<u>1000 Lbs.</u>	<u>1000 Head</u>	<u>Percent</u>	
1960	165	8.6	1,427	128	124	97
1961	219	7.6	1,666	116	115	99
1962	178	7.9	1,413	103	102	99
1963	192	7.8	1,507	100	101	101
1964	186	7.7	1,441	97	94	97
1965	229	7.3	1,681	97	96	99
1966	198	8.1	1,594	102	108	106
1967	Data available after March 21			86	91	106

1/ Lambs docked or branded.

COMMERCIAL SHEEP SLAUGHTER: Number, average & total liveweight, Arizona, 1965-67

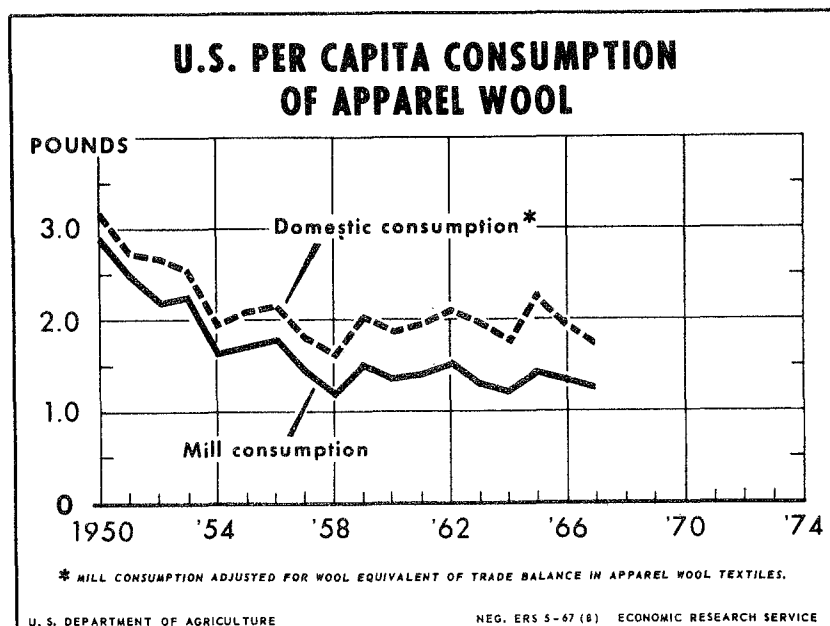
Year	Number	Weight Per Head	Total Live- Weight
		<u>Lbs.</u>	<u>1000 Lbs.</u>
<u>1965</u>			
January	1,100	107	118
February	1,300	108	140
March	1,600	109	174
April	1,800	110	198
May	1,600	117	187
June	1,200	105	126
July	1,000	113	113
August	900	111	100
September	800	111	89
October	900	114	103
November	800	118	94
December	1,000	108	108
Total	14,000	111	1,550
<u>1966</u>			
January	1,000	111	111
February	1,200	118	142
March	1,600	91	146
April	1,600	108	173
May	1,600	105	168
June	1,400	117	164
July	1,200	110	132
August	1,200	111	133
September	900	103	93
October	1,100	107	118
November	900	105	94
December	1,100	105	116
Total	14,800	107	1,590
<u>1967</u>			
January	1,200	103	124
February	1,400	108	151
March	1,800	114	205
April	1,800	112	202
May	2,100	105	220
June	1,800	108	194
July	1,400	109	153
August	1,200	112	134
September	900	114	103
October	900	117	105
November	1,100	111	122
December	1,000	110	110
Total	16,600	110	1,823

MOHAIR PRODUCTION AND VALUE: Arizona, 1960-67

Year	Goats and Kids Clipped <u>1/</u>	Average per Clip	Production	Average Price per Pound <u>2/</u>	Value
	<u>1000 Head</u>	<u>Lbs.</u>	<u>1000 Lbs.</u>	<u>Cts.</u>	<u>1000 Do1.</u>
1960	63	3.6	226	72	163
1961	59	3.5	208	72	150
1962	66	4.0	264	47	124
1963	72	4.1	293	50	146
1964	76	4.0	302	69	208
1965	75	4.2	314	44	138
1966	71	4.2	296	42	124
1967	Data available after March 21				

1/ Goats or kids clipped twice a year are counted twice.

2/ Average price received for mohair sold during the calendar year for 1964, 1965, 1966, April-December for 1963, and April-March for 1960 through 1962.



Poultry

Paul M. Williamson, Agricultural Statistician

There were a record 1,540,000 chickens, excluding commercial broilers, on Arizona farms on January 1, 1968. This was an increase of 1 percent over the previous high set a year earlier. From 1926 to the mid-1950's the chicken inventory ran near the three-quarter million mark. On January 1, 1959 it reached the one million mark for the first time and continued upward passing the million and a half mark on January 1, 1967. Although Arizona has a relatively small number of poultry, ranking 40th out of the 50 States, it is one of the most advanced States in the use of modern technology.

In recent years the number of Arizona commercial poultry ranches, which are defined as those with 300 laying birds or more, have decreased sharply. Since 1963 the number of commercial poultry ranches has decreased by about 50 percent. However the average number of birds per ranch has expanded rapidly, more than offsetting the decrease in ranches.

CHICKENS ON FARMS: Inventory by classes, Arizona, January 1, 1960-67 ^{1/}

Year	All Chickens	Hens and Pullets of Laying Age	All Hens and Pullets	Hens	All Pullets	Other Chickens
<u>1000 Birds</u>						
1960	1,013	803	940	396	544	73
1961	1,012	786	952	392	560	60
1962	1,064	878	1,015	388	627	49
1963	1,173	924	1,133	481	652	40
1964	1,361	1,093	1,341	572	769	20
1965	1,301	1,032	1,293	486	807	8
1966	1,372	1,049	1,364	559	805	8
1967	1,529	1,175	1,521	654	867	8
1968	1,540	1,163	1,528	633	895	12

^{1/} Does not include commercial broilers.

ALL CHICKS HATCHED BY COMMERCIAL HATCHERIES: Arizona, 1960-67

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
<u>1000 Chicks</u>													
1960	125	210	215	200	171	154	108	141	170	201	158	188	2,041
1961	201	207	194	252	169	141	167	211	179	132	164	232	2,249
1962	248	275	206	236	238	166	142	145	146	192	128	194	2,316
1963	146	220	268	158	208	137	136	99	183	112	152	175	1,994
1964	135	173	246	195	224	126	94	99	168	218	97	124	1,899
1965	60	156	214	190	145	282	184	162	233	78	186	144	2,034
1966	183	292	342	182	246	112	127	273	308	266	171	223	2,725
1967	203	277	371	335	359	338	296	241	266	335	231	230	3,482

EGG PRODUCTION: Arizona, 1960-67

Year	Average No. layers on hand during year	Eggs per 100 layers	Total eggs produced
<u>1000 Layers</u> <u>Eggs</u> <u>Mil. Eggs</u>			
1960	773	21,186	163.6
1961	778	20,600	160.2
1962	868	20,997	182.1
1963	992	21,299	210.9
1964	1,067	21,258	226.9
1965	988	20,946	208.0
1966	1,063	20,929	223.0
1967	1,149	21,200	243.0

TURKEYS ON FARMS: Inventory by classes, Arizona, January 1, 1960-68

Year	All Turkeys ^{1/}			Breeder Hens		
	Total	Heavy Breeds	Light Breeds	Total	Heavy Breeds	Light Breeds
<u>1000 Birds</u>						
1960	15	15	0	9	9	0
1961	13	13	0	7	7	0
1962	12	12	0	8	8	0
1963	13	13	0	10	10	0
1964	18	18	0	13	13	0
1965	12	12	0	11	11	0
1966	15	15	0	13	13	0
1967	17	17	0	11	11	0
1968	18	18	0	14	14	0

^{1/} Does not include turkey fryers.

Honey & Beeswax

HONEY AND BEESWAX: Number of colonies and production, Arizona, 1960-67

Year	Colonies of Bees	Honey Yield per Colony	Honey Production	Beeswax Production
	<u>1000 Colonies</u>	<u>Lbs.</u>	<u>1000 Lbs.</u>	<u>1000 Lbs.</u>
1960	97	74	7,178	100
1961	94	66	6,204	93
1962	98	65	6,370	102
1963	100	74	7,400	118
1964	94	55	5,170	78
1965	96	70	6,720	94
1966	96	68	6,528	118
1967	88	41	3,608	76

HONEY AND BEESWAX: Average price and value, Arizona, 1960-67

Year	HONEY		BEESWAX	
	Price per Pound	Value of Production	Price per Pound	Value of Production
	<u>Cts.</u>	<u>1000 Dol.</u>	<u>Cts.</u>	<u>1000 Dol.</u>
1960	10.6	761	42	42
1961	11.5	713	42	39
1962	11.5	733	42	43
1963	13.4	992	42	50
1964	12.6	651	43	34
1965	12.9	867	43	40
1966	12.2	796	46	54
1967	11.1	400	49	37

THE FOLLOWING REPORTS ARE AVAILABLE UPON REQUEST FROM THE
ARIZONA CROP AND LIVESTOCK REPORTING SERVICE ON THE DATES SHOWN

NAME OF REPORT	FREQUENCY OF REPORT	APPROXIMATE DATE OF PUBLICATION
<u>REPORTS ON CROPS:</u>		
Cotton	Monthly, July-Dec.	8th of month
Cotton Annual Summary	Annually	May 8
Cotton County Estimates	Annually	June 1
General Crop Report	Monthly	10th of month
Citrus Report	Monthly	10th of month
Prospective Plantings	Annually	March 20
July Acreage	Annually	July 10
Annual Crop Summary	Annually	Late December
Grain Stocks	Quarterly	24th of Jan., Apr., July and Oct.
<u>REPORTS ON VEGETABLES:</u>		
Vegetables	Monthly except August and Sept.	10th of month
Vegetable Summary	Annually	Late December
<u>REPORTS ON LIVESTOCK:</u>		
January 1 Livestock Inventory	Annually	February 14
Cattle on Feed	Monthly	11th of month except 16th of Jan., Apr., July and Oct.
Cattle Shipments	Monthly	End of month
Slaughter	Monthly	1st of month
Range and Livestock	Monthly	10th of month
Wool Production	Semi-annually	26th of March, July
Lamb Crop	Semi-annually	24th of Feb., July
Sheep and Lambs on Feed	Annually	January 15
Mohair	Annually	March 26
Calf Crop	Semi-annually	Feb. 21, July 24
Pig Crop	Semi-annually	June 22, Dec. 22
Poultry and Milk Production	Monthly	12th of month
<u>REPORTS ON POULTRY AND HONEY:</u>		
Turkeys Raised	Semi-annually	Jan. 30, Aug. 30
Chickens Raised	Annually	July 20
Honey Production	Seasonally	July, Oct., Dec.
Hatchery	Monthly	15th of month
<u>PRICE REPORTS:</u>		
Monthly Price	Monthly	1st of month
Cash Receipts from Farm Marketings	Semi-annually	March, September
<u>WEEKLY CROP AND LIVESTOCK SUMMARY:</u>		
Weather, Crop and Livestock	Weekly	Monday 4 p.m.
<u>ANNUAL BULLETIN:</u>		
Arizona Agricultural Statistics	Annually	March

