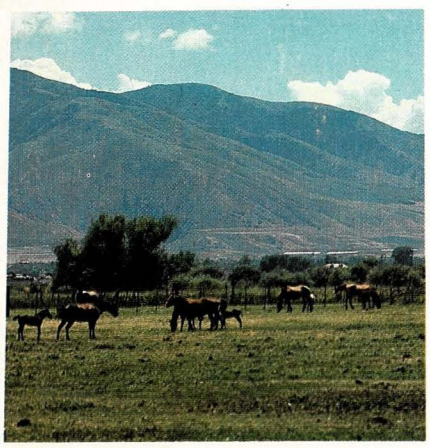
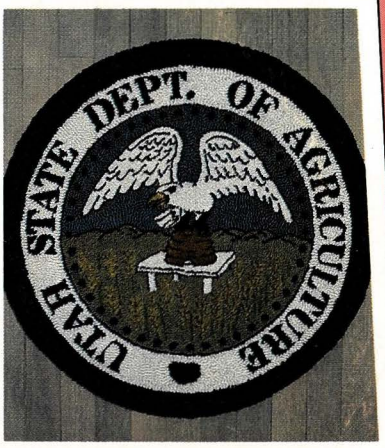
JEB

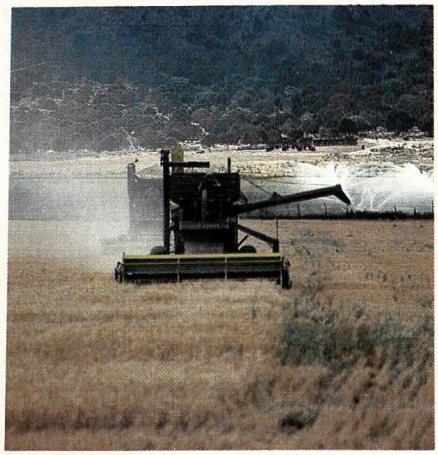
UTAH

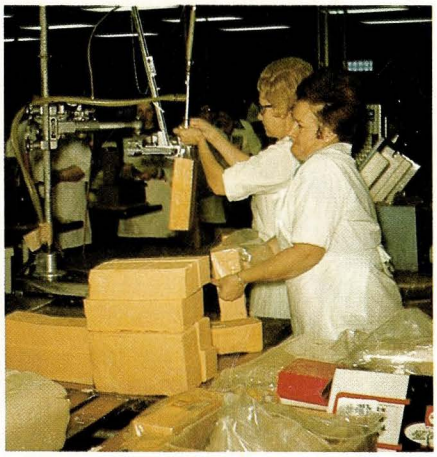
AGRICULTURAL Statistics

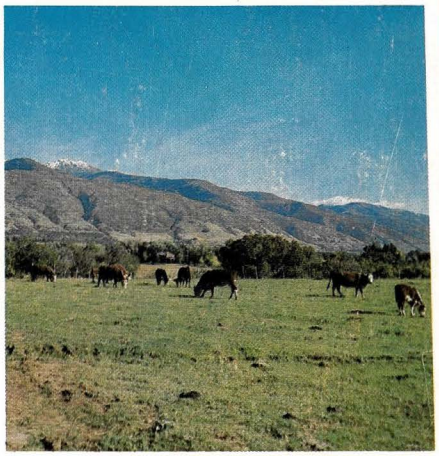
1979

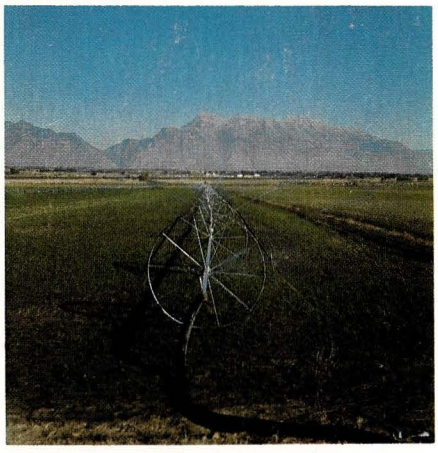


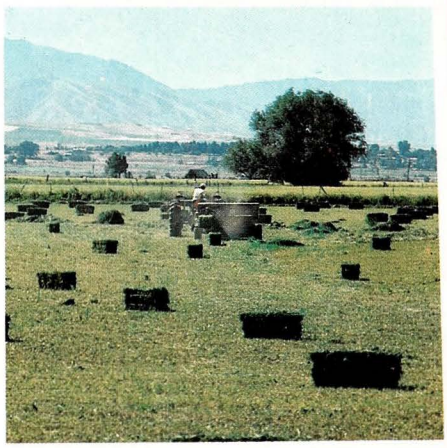


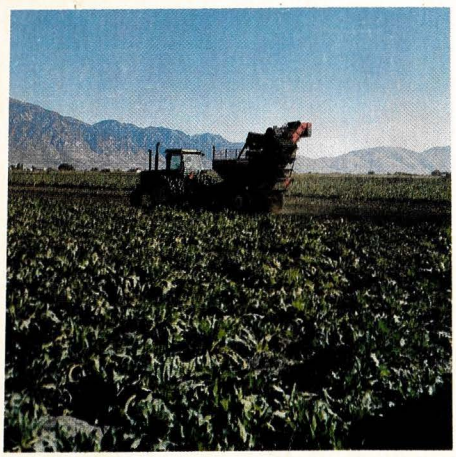


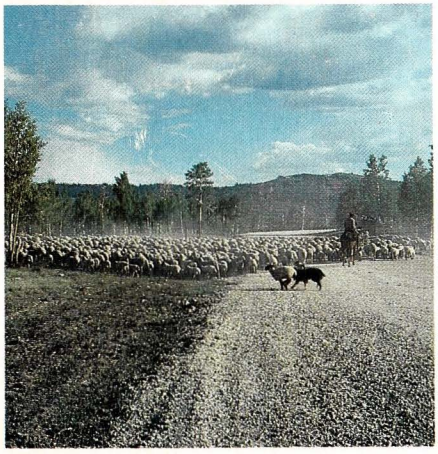


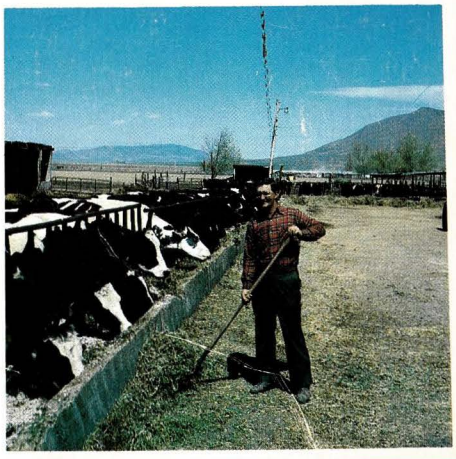










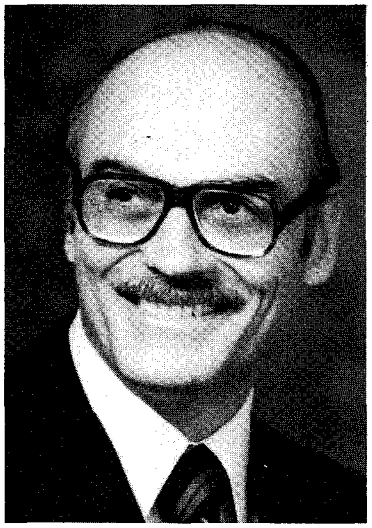



THE GREAT SEAL OF THE STATE OF UTAH
INDUSTRY
1847
1896

SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY
84114



To the Citizens of Utah:

It is my pleasure to present to the citizens of this State, the 1979 edition of UTAH AGRICULTURAL STATISTICS. This annual publication is published through the cooperative efforts of the Utah Department of Agriculture and the USDA Economics, Statistics, and Cooperatives Services. Its purpose is to provide all segments of the State's economy with current information on this important industry.

The Utah Agricultural Statistics report makes available factual and current data on most any phase of agriculture. I recognize the great contribution agriculture makes to our State's economy, and the livelihood it provides many of our people.

I would like to congratulate those responsible for the accumulation and publication of this information which is essential to Utah's economy.

Sincerely,

Governor

STATE OF UTAH

DEPARTMENT OF AGRICULTURE

147 North 200 West Salt Lake City, Utah 84103 801/533-5421

To Those Who Have an Interest in Utah's Agricultural Industry"

The State Department of Agriculture has the responsibility to make available to the people of Utah current statistics on our State's agricultural industry. It is my privilege as Commissioner of Agriculture, to present this annual report entitled UTAH AGRICULTURAL STATISTICS 1979 for those interested in our agricultural industry.

The industry is faced with the prospect of constant change dictated by the demands of the consumer. This publication provides data on both a state and county basis to show the various production trends which are occurring within this vital industry.

Sincerely,

Kenneth B. Creer

Dr. Kenneth B. Creer
Commissioner

UTAH AGRICULTURAL STATISTICS 1979

This report has been compiled and published as a cooperative effort and function of the following agencies of Federal and State Government.

FEDERAL PARTICIPATION

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William E. Kibler, Deputy Administrator, Statistics
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UTAH CROP AND LIVESTOCK REPORTING SERVICE
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Jack B. Goodwin, Assistant Statistician in Charge
James E. Brewster, Agricultural Statistician
Thomas E. Kurtz, Agricultural Statistician
Douglas W. Bierstedt, Agricultural Statistician
Betty J. Owens, Supervisory Statistical Assistant

STATE PARTICIPATION

UTAH STATE DEPARTMENT OF AGRICULTURE
147 North 200 West
Salt Lake City, Utah 84103

Dr. Kenneth B. Creer, Commissioner
Carolyn P. Lloyd, Administrative Assistant
Ray J. Downs, Director, Plant Industry
H. Kent Francis, Director, Agricultural Laboratory
Dr. B. N. Horstman, Director, Meat Inspection
Archie S. Hurst, Director, Foods and Consumer Services
Ben W. Lindsey, Director, Agricultural Development and Marketing
Dr. Robert L. Poulson, Director, Animal Identification and Protection
Dr. F. James Shoenfeld, Director, Animal Industry
Val S. Vickers, Director, Administrative Services
Randy N. Parker, Supervisor, Information and Research

I N T R O D U C T I O N

The economy of Utah continues to depend heavily on the production of agriculture. During the year 1978, cash receipts from the sale of crops and livestock in our State increased 20 percent over 1977. If the gross farm income increased in the same proportion, it nearly reached 500 million dollars for the year 1978. With today's agricultural prices better than a few years ago, we are hopeful that our agricultural community will be able to mend some of the problems they encountered the past few years.

Our Utah farmers and ranchers continue to do their part in providing food and fiber for the people of this Nation. The average farmer-rancher produces enough food for himself and 56 other people.

This document is designed to provide a ready reference and a comparison of various crops and livestock commodities with each other as well as previous years. You will note that in the last 40 years there has been a great reduction in the number of sheep raised in the State and an increase in beef cattle. The production of dairy cows has increased in the last few years and cows are producing twice as much milk as they were in 1950.

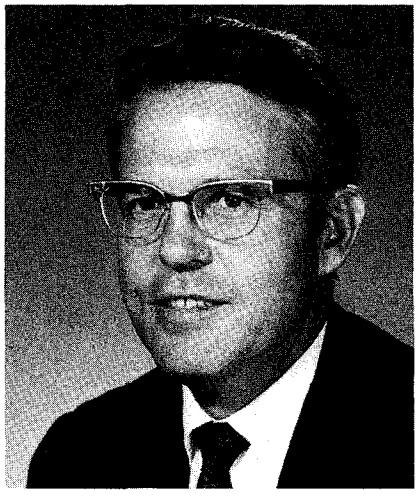
It is hoped that this publication will be a valuable tool to farm organizations and producer groups in planning their programs and operations and will also assist those in agricultural related industries as well as those in research, economic planning and government agencies in their efforts to better serve the needs of agriculture. We have included some county information from the 1974 Census of Agriculture which is the best county data available for most crops and livestock. A new census is being taken this year, so we hope to have more up-to-date county information by 1980.

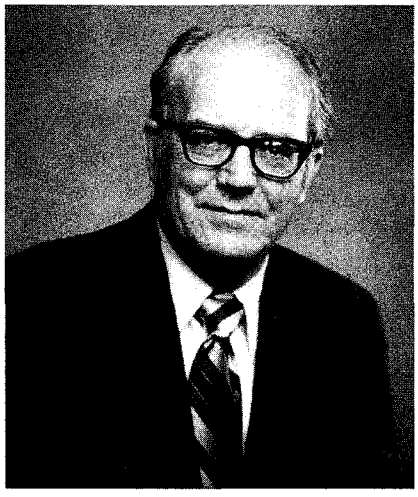
Ben W. Lindsay

BEN W. LINDSAY, Director
Agricultural Development and
Marketing
Utah State Dept. of Agriculture

W. Grant Lee

W. GRANT LEE, Statistician in Charge
Utah Crop & Livestock Reporting Service
Economics, Statistics, & Cooperatives Serv.
U. S. Dept. of Agriculture





PHOTOGRAPHS

We would like to thank the Utah Farmer-Stockman and USU Extension Service for their photographs used in this publication.

The cattle industry is the State's largest agricultural industry and has been important in utilizing the vast rangeland resource.

Population

Population of Counties, Utah

County	U. S. Census - April 1, 1970						July 1, 1978 Est. 2/
	Total	Urban		Rural			
		Total Urban 1/	Percent of Total	Total Rural	Places of 1,000 to 2,500	Other Rural	Total
Beaver	3,800	--	--	3,800	2,757	1,043	4,300
Box Elder	28,129	16,801	59.7	11,328	2,232	9,096	32,100
Cache	42,331	25,675	60.7	16,656	10,897	5,759	53,600
Carbon	15,647	6,218	39.7	9,429	3,578	5,851	21,300
Daggett	666	--	--	666	--	666	800
Davis	99,028	85,115	86.0	13,913	6,950	6,963	130,000
Duchesne	7,299	--	--	7,299	3,099	4,200	11,700
Emery	5,137	--	--	5,137	969	4,168	10,100
Garfield	3,157	--	--	3,157	1,318	1,839	3,800
Grand	6,688	4,793	71.7	1,895	64	1,831	8,000
Iron	12,177	8,946	73.5	3,231	1,423	1,808	16,400
Juab	4,574	2,699	59.0	1,875	--	1,875	5,700
Kane	2,421	--	--	2,421	1,381	1,040	4,000
Millard	6,988	--	--	6,988	3,021	3,967	8,700
Morgan	3,983	--	--	3,983	1,586	2,397	5,100
Piute	1,164	--	--	1,164	--	1,164	1,400
Rich	1,615	--	--	1,615	--	1,615	1,800
Salt Lake	458,607	436,201	95.1	22,406	--	22,406	543,000
San Juan	9,606	--	--	9,606	3,681	5,925	14,100
Sanpete	10,976	--	--	10,976	6,519	4,457	14,300
Sevier	10,103	4,471	44.3	5,632	1,494	4,138	14,400
Summit	5,879	--	--	5,879	1,193	4,686	8,000
Tooele	21,545	15,470	71.8	6,075	2,357	3,718	24,600
Uintah	12,684	3,908	30.8	8,776	1,248	7,528	18,600
Utah	137,776	120,554	87.5	17,222	5,344	11,878	189,000
Wasatch	5,863	3,245	55.3	2,618	--	2,618	7,700
Washington	13,669	7,097	51.9	6,572	1,408	5,164	20,600
Wayne	1,483	--	--	1,483	--	1,483	1,900
Weber	126,278	110,279	87.3	15,999	3,571	12,428	141,000
State Total	1,059,273	851,472	80.4	207,801	66,090	141,711	1,316,000

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ Utah Economic and Business Review, University of Utah, December 1978.

Farm Population vs. Total Population, Utah, 1920-1970 Censuses

Year	Total Population	Farm Population	
		Number	% of Total
1920	451,000	141,000	31.3
1930	508,000	116,000	22.8
1940	550,000	105,000	19.1
1950	689,000	81,000	11.8
1960	891,000	65,000	7.3
1970	1,059,000	38,000	3.6

"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

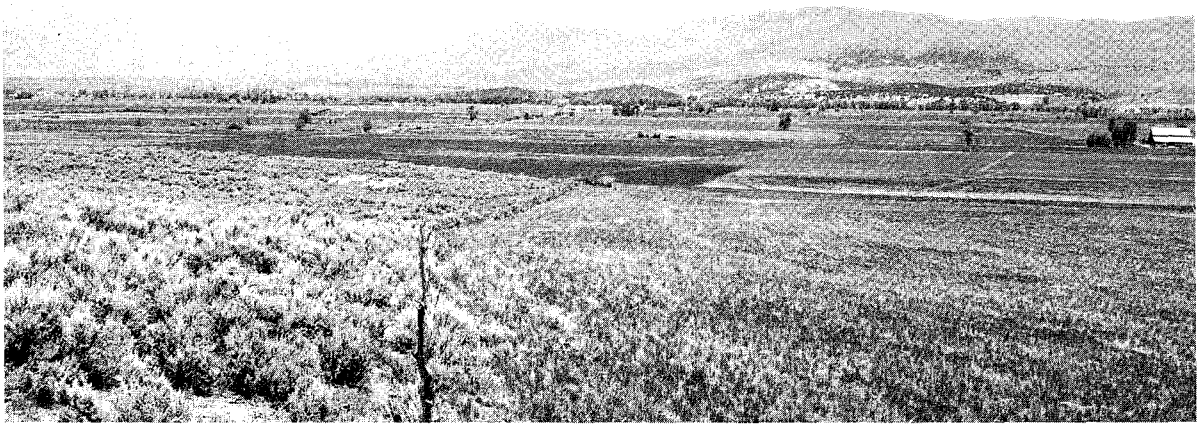
Number of Farms

W. Grant Lee, Statistician in Charge

There were 12,300 farms in Utah in 1978 with annual sales of agricultural products of $1,000 or more. This was down slightly from the 12,400 in 1977. The preliminary estimate for 1979 is for a further reduction to 12,200 farms. The definition of a farm was changed this year to include only those places with annual sales of $1,000 or more of agricultural products. The previous definition included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places with less than 10 acres that had annual sales of $250 or more. This change in definition of a farm resulted in a reduction in the 1978 farm count from 13,400 to 12,300. With the change in definition excluding smaller farms, the average size of a farm in Utah in 1978 was 1,045 acres compared with 963 acres under the previous definition. Land in farms changed very little.

Farm numbers declined almost every year from the record high of 30,800 reached in 1936 until 1975 when they leveled off for a few years. Full time farming operations have been getting larger and fewer as operators increased their acreages in order to get more efficiency from their machinery and labor investment. Also, many farms near the major population centers have been subdivided for residential or industrial sites and disappeared from the farm count. On the other hand, some farms near the cities and larger towns have been divided into smaller farms primarily for residential purposes but still qualify as farms. The 1974 Census of Agriculture showed that the principal occupation of the operators on 46.2 percent of the farms was something other than farming.

About a fourth of Utah is in farms with most of the remaining land area federally owned. Land in farms reached a peak of about 13,600,000 acres in the late 50's and has declined since 1963 to 12,850,000 acres in 1978. The average size farm in 1978 was a record high 1,045 acres--more than double the 1950 level.



Most of Utah's productive cropland is located in the valley floors.

Number of Farms and Land in Farms, Selected Years 1850-1979 1/.

Year	UTAH			UNITED STATES		
	Farms	Land in Farms		Farms	Land in Farms	
		Average	Total		Average	Total
	Number	Acres	1,000 Acres	1,000	Acres	1,000,000 Acres
1850.....	926	51	47	1,449	203	294
1860.....	3,635	25	90	2,044	199	407
1880.....	9,452	69	656	4,009	134	536
1900.....	19,387	212	4,117	5,737	146	839
1920.....	25,662	197	5,050	6,448	148	956
1930.....	27,159	207	5,613	6,289	157	987
1936 2/.....	30,800	--	--	--	--	--
1940.....	28,500	354	10,100	6,097	174	1,061
1950.....	25,800	465	12,000	5,382	215	1,159
1960.....	19,000	716	13,600	3,963	297	1,176
1965.....	16,500	818	13,500	3,356	340	1,140
1970.....	14,100	936	13,200	2,949	374	1,102
Old Definition 3/						
1975.....	13,400	963	12,900	2,767	391	1,081
1976.....	13,400	963	12,900	2,738	394	1,078
1977.....	13,400	963	12,900	2,706	397	1,075
1978.....	13,400	963	12,900	2,672	401	1,072
New Definition 4/						
1975.....	12,400	1,036	12,850	2,491	427	1,063
1976.....	12,400	1,036	12,850	2,454	432	1,059
1977.....	12,400	1,036	12,850	2,409	438	1,055
1978.....	12,300	1,045	12,850	2,370	444	1,052
1979 5/.....	12,200	1,049	12,800	2,330	450	1,049

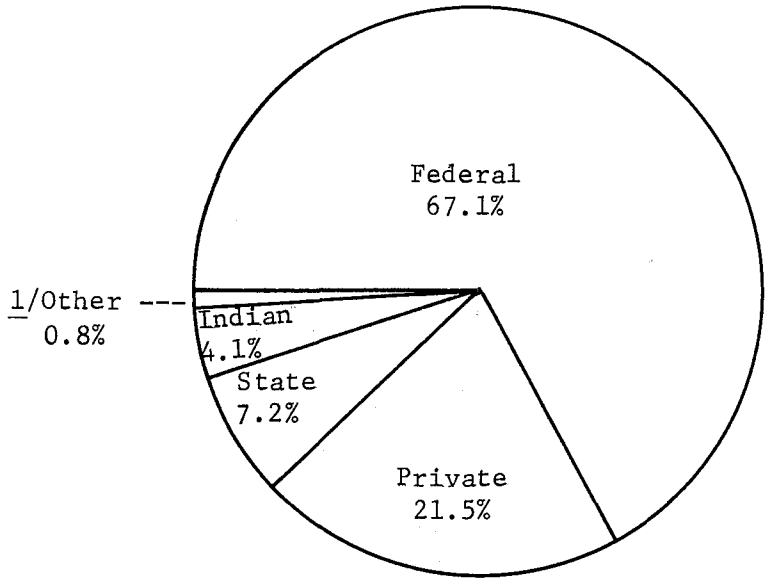
1/ 1850-1931 from US Census of Agriculture--1940-79 are USDA estimates.
2/ Record high number of farms in Utah.
3/ The "Old Definition" of a farm included places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.
4/ The "New Definition" of a farm includes places which had annual sales of agricultural products of $1,000 or more. This definition is also being used by the Department of Commerce, Bureau of the Census, for the 1978 Census of Agriculture.
5/ Preliminary.

Land Inventory

W. Grant Lee, Agricultural Statistician in Charge

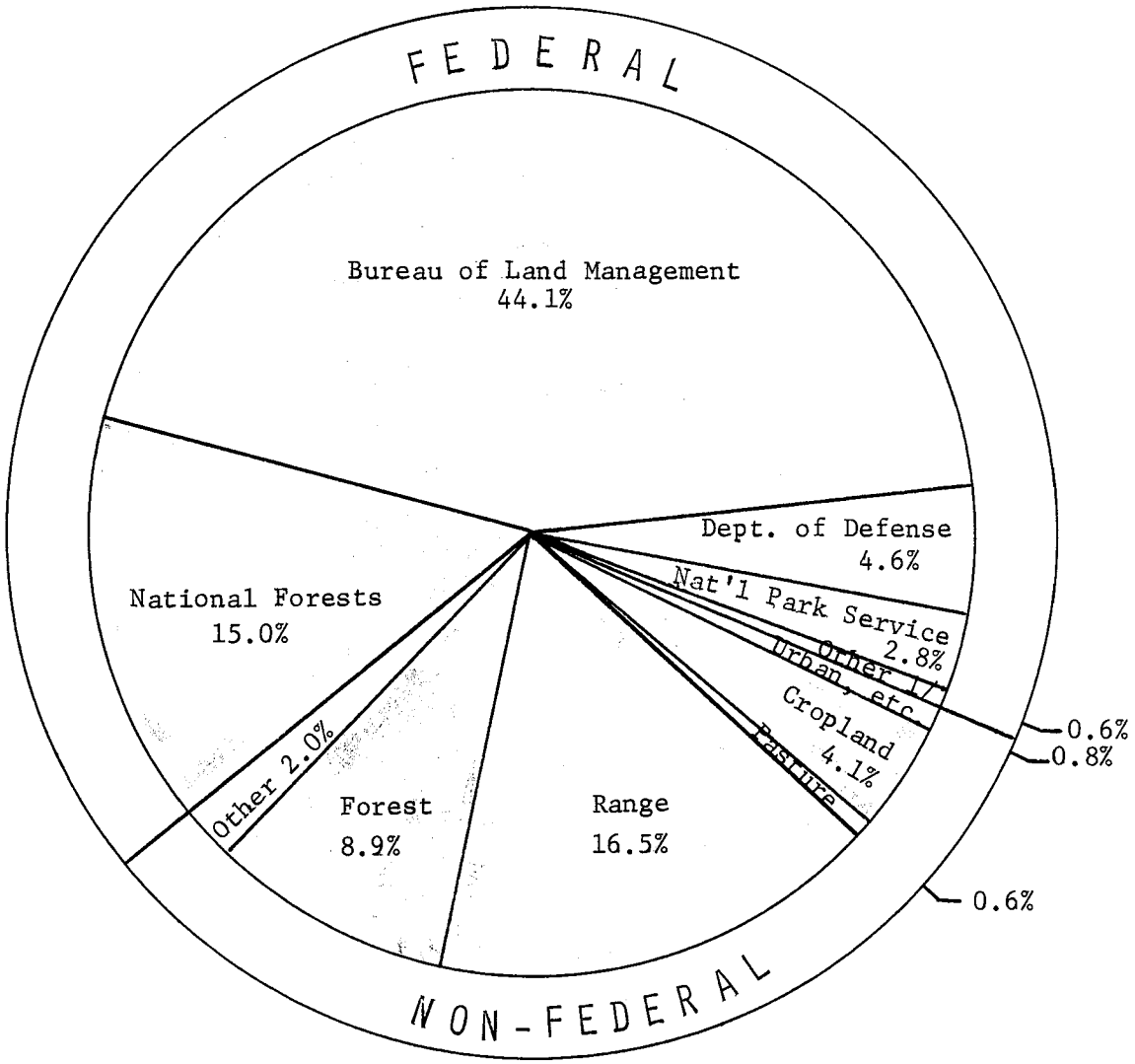
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U. S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah was cropland in 1967. Of this amount, nearly two-thirds was irrigated cropland. Counties in North Central Utah had the highest proportion of their land area in cropland -- varying from 10.6 percent in Utah and Box Elder Counties to 25.4 percent in Cache. In other sections of the State, every county had less than 10 percent of its land area in cropland and most had less than 4 percent with the lowest, 0.3 percent, in Grand.

Land in Utah is mostly under Federal ownership and control, which includes two-thirds of the State total, according to the above report. State owned lands amount to 7 percent of the total area and Indian lands are 4 percent of the total. Urban areas, roads, railroads, and small water areas account for less than 1 percent of the total. This leaves only about 21 percent of the State's total land area under private ownership (excluding cities and towns). In north central counties, private ownership as a percent of the total land area varies from 47 percent to 92 percent. In contrast, in south central and southeast counties, only 4 to 8 percent of the land area is under private ownership.



LAND AREA BY OWNERSHIP, UTAH, 1967
(Total exceeds 100% due to duplication in one county.)

1/ Urban, roads, railroads, and small water areas.



USE OF NON-FEDERAL LANDS AND ADMINISTRATION OF FEDERAL LANDS, UTAH, 1967.

1/ Other Federal includes Bureau of Reclamation and Bureau of Sport Fisheries and Wildlife.

Cropland: Irrigated, Nonirrigated, and Total, Utah, 1967.

County	Cropland				Total Land Area
	Irrigated	Non-irrigated	Total	Percentage of Total Land Area	
	Acres	Acres	Acres	Percent	Acres
Beaver.....	39,441	668	40,109	2.4	1,653,760
Box Elder..	120,642	261,224	381,866	10.6	3,601,280
Cache.....	103,468	87,243	190,711	25.4	751,360
Carbon.....	16,617	--	16,617	1.8	946,530
Daggett....	10,985	--	10,985	2.5	438,680
Davis.....	36,472	3,515	39,987	21.0	190,080
Duchesne...	74,963	46	75,009	3.6	2,083,900
Emery.....	46,295	--	46,295	1.6	2,844,580
Garfield...	31,869	1,863	33,732	1.0	3,318,400
Grand.....	5,934	165	6,099	0.3	2,366,080
Iron.....	59,146	21,990	81,136	3.8	2,112,000
Juab.....	23,844	68,371	92,215	4.2	2,183,680
Kane.....	8,912	5,011	13,923	0.5	2,570,240
Millard....	112,340	70,384	182,724	4.2	4,347,520
Morgan.....	11,401	7,335	18,736	4.8	390,400
Piute.....	25,993	--	25,993	5.4	482,560
Rich.....	48,386	11,616	60,002	9.2	654,720
Salt Lake..	51,375	34,248	85,623	17.5	488,960
San Juan...	7,111	138,905	146,016	2.9	4,991,360
Sanpete....	84,130	12,575	96,705	9.5	1,022,080
Sevier.....	64,836	2,612	67,448	5.5	1,234,560
Summit.....	40,497	3,360	43,857	3.7	1,188,660
Tooele.....	18,859	20,917	39,776	0.9	4,430,720
Uintah.....	83,435	3,760	87,195	3.0	2,862,080
Utah.....	103,757	33,474	137,231	10.6	1,288,960
Wasatch....	26,959	--	26,959	3.5	762,240
Washington.	21,751	16,318	38,069	2.5	1,553,280
Wayne.....	21,815	--	21,815	1.4	1,591,040
Weber.....	47,394	959	48,353	13.0	371,840
State.....	1,348,627	806,559	2,155,186	4.1	52,721,550

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Land Area in Utah by Ownership 1/, 1967.

County	State	Federal	Indian	Urban Roads & Railroads	Small Water 2/	Private	Total
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver.....	156,330	1,266,443	--	10,646	187	220,154	1,653,760
Box Elder.....	199,880	1,633,700	--	26,284	150	1,741,266	3,601,280
Cache.....	28,680	268,131	--	18,235	919	435,395	751,360
Carbon.....	96,092	455,233	--	9,290	1,130	384,785	946,530
Daggett.....	24,171	348,341	--	2,066	550	63,552	438,680
Davis.....	812	42,671	--	23,646	118	122,833	190,080
Duchesne.....	74,502	980,597	240,164	4,317	733	783,587	2,083,900
Emery.....	304,624	2,325,218	--	12,095	220	202,423	2,844,580
Garfield.....	222,712	2,953,729	--	8,662	960	132,337	3,318,400
Grand 3/.....	362,105	2,053,635	200,274	10,149	20	157,488	2,366,080
Iron.....	134,803	1,215,203	--	14,698	20	747,276	2,112,000
Juab.....	178,526	1,569,966	39,038	13,569	50	382,531	2,183,680
Kane.....	217,996	2,200,574	--	6,346	36	145,288	2,570,240
Millard.....	400,955	3,286,068	--	24,602	1,240	634,655	4,347,520
Morgan.....	9,982	17,290	--	3,781	131	359,216	390,400
Piute.....	57,220	357,186	--	2,577	640	64,937	482,560
Rich.....	67,695	219,695	--	4,376	118	362,836	654,720
Salt Lake.....	4,286	110,335	--	66,118	243	307,978	488,960
San Juan.....	325,317	2,985,630	1,247,563	15,253	997	416,600	4,991,360
Sanpete.....	42,679	531,989	--	11,876	400	435,136	1,022,080
Sevier.....	46,187	939,842	--	12,285	247	235,999	1,234,560
Summit.....	11,481	516,934	--	6,610	1,380	652,255	1,188,660
Tooele.....	219,971	3,659,502	17,763	15,908	22	517,554	4,430,720
Uintah.....	232,625	1,856,529	411,023	10,576	1,396	349,931	2,862,080
Utah.....	64,136	572,302	--	52,414	403	599,705	1,288,960
Wasatch.....	56,252	450,035	--	3,622	253	252,078	762,240
Washington.....	94,556	1,171,516	--	10,232	140	276,836	1,553,280
Wayne.....	146,651	1,338,875	--	5,416	133	99,965	1,591,040
Weber.....	4,070	70,105	--	24,365	1,542	271,758	371,840
State Total.....	3,785,296	35,397,274	2,155,825	430,014	14,378	11,356,354	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile have been excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.
3/ An overlap between Federal and non-Federal land in Grand County by 417,591 acres.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Use of Land in Utah 1/ Excluding Federal, Urban, and Small Water 2/, 1967.

County	Cropland	Pasture	Range	Forest	Other	Cross Total	Total All Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	40,109	4,001	265,721	58,031	8,622	376,484	1,653,760
Box Elder	381,866	108,365	1,097,909	195,992	157,014	1,941,146	3,601,280
Cache	190,711	1,138	162,889	101,042	8,295	464,075	751,360
Carbon	16,617	--	166,869	277,199	20,192	480,877	946,530
Daggett	10,985	12	55,617	17,896	3,213	87,723	438,680
Davis	39,987	1,683	50,793	23,603	7,579	123,645	190,080
Duchesne	75,009	1,622	393,956	558,557	69,109	1,098,253	2,083,900
Emery	46,295	--	325,791	54,565	80,396	507,047	2,844,580
Garfield	33,732	3,660	227,139	60,120	30,398	355,049	3,318,400
Grand	6,099	1,664	137,270	150,016	7,227	302,276	2,366,080
Iron	81,136	17,830	445,196	321,375	16,542	882,079	2,112,000
Juab	92,215	7,508	252,695	230,551	17,126	600,095	2,183,680
Kane	13,923	11,795	84,813	250,708	2,045	363,284	2,570,240
Millard	182,724	6,431	670,372	91,535	84,548	1,035,610	4,347,520
Morgan	18,736	5,212	192,045	148,087	5,118	369,198	390,400
Piute	25,993	438	67,311	16,248	12,167	122,157	482,560
Rich	60,002	42,173	271,614	47,048	9,694	430,531	654,720
Salt Lake	85,623	10,556	132,385	69,594	14,106	312,264	488,960
San Juan	146,016	60,531	1,263,007	462,318	57,608	1,989,480	4,991,360
Sanpete	96,705	19,937	138,981	209,779	12,413	477,815	1,022,080
Sevier	67,448	884	117,159	83,985	12,710	282,186	1,234,560
Summit	43,857	1,718	284,292	292,359	41,510	663,736	1,188,660
Tooele	39,776	2,326	418,469	214,332	80,385	755,288	4,430,720
Uintah	87,195	1,561	560,420	179,040	165,363	993,579	2,862,080
Utah	137,231	4,571	325,014	188,644	8,381	663,841	1,288,960
Wasatch	26,959	292	126,829	141,333	12,917	308,330	762,240
Washington	38,069	4,729	181,112	124,459	23,023	371,392	1,553,280
Wayne	21,815	--	171,645	10,465	42,691	246,616	1,591,040
Weber	48,353	1,770	117,803	86,346	21,556	275,828	371,840
State Total	2,155,186	322,407	8,705,116	4,665,227	1,031,948	16,879,884	52,721,550

1/ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded.
2/ Water areas of 2 to 40 acres and streams less than one-eighth mile in width.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Federal Land Acreage in Utah, 1967 1/.

County	Total Federal	National Forest	Bureau of Land Management	Department of Defense	Bureau of Sportfishery and Wildlife	National Park Service	Bureau of Reclamation 2/
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Beaver	1,266,443	138,349	1,128,094	--	--	--	--
Box Elder	1,633,700	95,650	1,252,795	207,000	65,926	--	12,329
Cache	268,131	267,073	160	--	--	--	898
Carbon	455,233	29,632	422,758	400	--	--	2,443
Daggett	348,341	235,309	110,117	--	--	--	2,915
Davis	42,671	35,123	23	7,321	--	--	204
Duchesne	980,597	739,414	212,414	--	--	--	28,769
Emery	2,325,218	210,108	2,110,325	--	--	--	4,785
Garfield	2,953,729	1,036,581	1,632,634	--	--	284,331	183
Grand	2,053,635	57,527	1,454,301	507,797	--	34,010	--
Iron	1,215,203	238,148	968,187	--	--	8,868	--
Juab	1,569,966	109,057	1,442,917	--	17,992	--	--
Kane	2,200,574	123,081	1,672,062	--	--	375,060	30,371
Millard	3,286,068	306,344	2,976,769	2,955	--	--	--
Morgan	17,290	12,536	2,175	--	--	--	2,579
Piute	357,186	190,397	166,789	--	--	--	--
Rich	219,695	53,874	165,821	--	--	--	--
Salt Lake	110,335	89,399	8,006	12,877	--	--	53
San Juan	2,985,630	450,432	1,955,319	--	--	579,060	819
Sanpete	531,989	387,599	144,390	--	--	--	--
Sevier	939,842	711,162	228,680	--	--	--	--
Summit	516,934	507,479	5,573	--	--	--	3,882
Tooele	3,659,502	152,223	1,948,417	1,558,862	--	--	--
Uintah	1,856,529	268,053	1,438,405	93,376	7,448	47,989	1,258
Utah	572,302	466,019	91,831	13,405	22	250	775
Wasatch	450,035	380,545	6,644	--	--	--	62,846
Washington	1,171,516	392,696	598,018	--	--	122,874	57,928
Wayne	1,338,875	161,589	1,124,026	--	--	44,943	8,317
Weber	70,105	60,634	600	3,516	--	--	5,355
State Total	35,397,274	7,906,033	23,268,250	2,407,509	91,388	1,497,385	226,709

1/ Numerous changes have been made in acreage administered by various federal agencies. Current acreage figures should be obtained from the agency concerned.
2/ Acquired land administered by Bureau of Reclamation.

Source: "Utah Conservation Needs Inventory Report", Soil Conservation Service, U. S. Department of Agriculture, October, 1970.

Farm Income

W. Grant Lee, Statistician in Charge

Preliminary estimates of cash receipts by Utah farmers during 1978 from the sale of crops, livestock, and livestock products totaled $435.1 million. This was 20 percent above the $363.4 million in 1977, the previous record high. A 23 percent rise in cash receipts for livestock and livestock products--from $267.2 to $328.7 million--plus an 11 percent rise in cash receipts for crops--from $96.2 million to $106.4 million--accounted for the increase in all commodities. Both cash receipts for livestock and livestock products and for crops were a record high.

Livestock and livestock products accounted for 75.5 percent of the total cash farm receipts in the State during 1978 compared with 73.5 percent in 1977. Their share of the total trended upward during the 60's and early 70's until it reached 82 percent of the total in 1972. It then dropped to 77 percent in 1973 and 69 percent in 1974 before starting upward again in 1975.

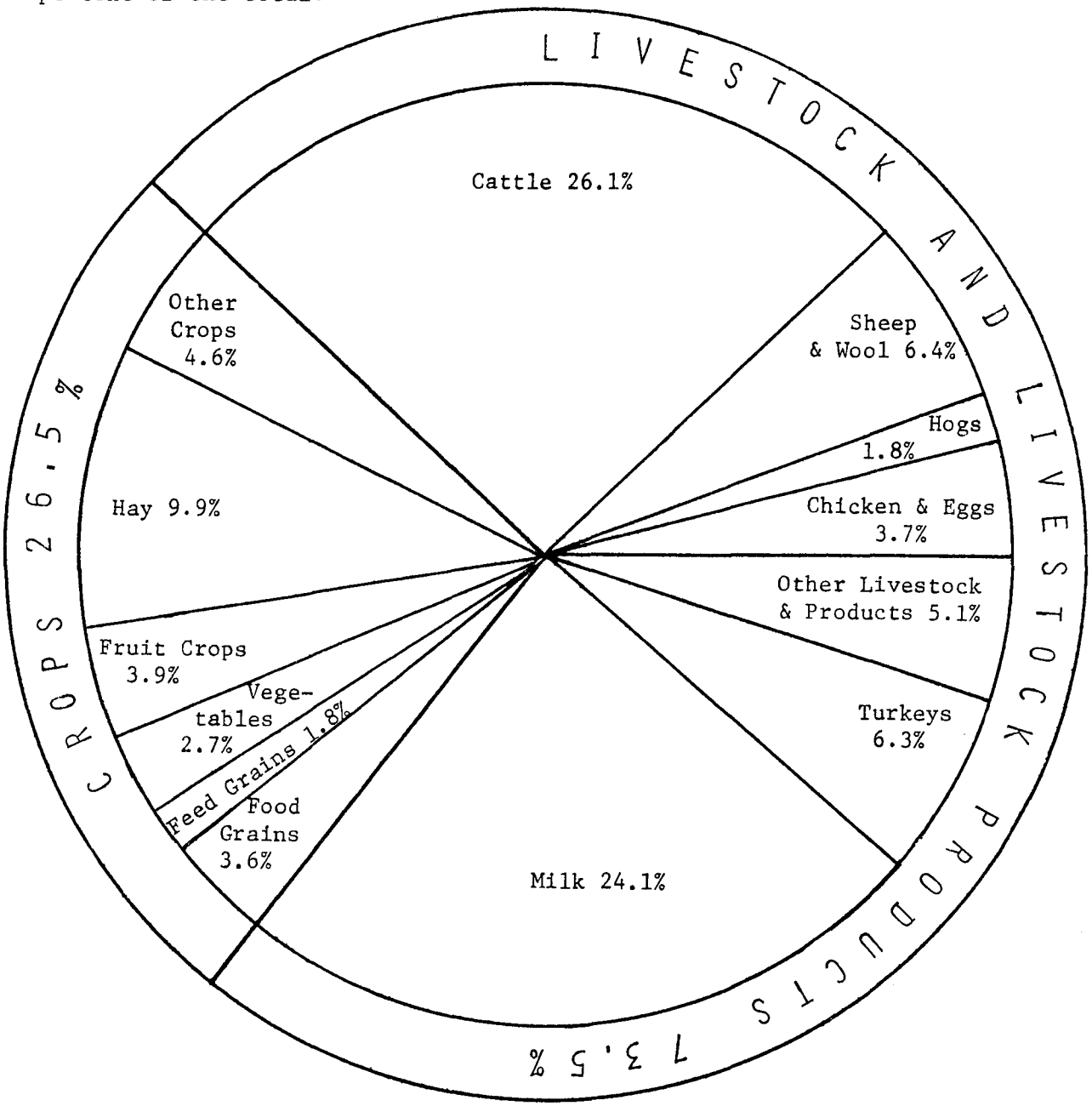
Net and gross farm income for 1978 are not available but revised estimates show Utah's net farm income dropped nearly three-fifths from 1973 to 1975, partially recovered in 1976, and then declined slightly in 1977. At $64.8 million, the 1977 net farm income was down slightly from the $65.0 million in 1976 and was 20 percent below 1974 and 52 percent below the record 1973 net farm income of $134.0 million. Cash receipts increased less than one percent in 1977--from $361.9 to $363.4 million. Government payments rose from $5.6 to $18.6 million and nonmoney farm income and other farm income rose from $45.4 to $48.1 million. Farm production expenses increased 5 percent--from $340.8 to $358.9 million and farm inventories dropped $6.4 million.

Realized net income per farm (after adjusting for changes in farm inventories and deducting production expenses from gross income) was $4,836 in 1977 compared with $4,848 in 1976. Utah's average net farm income is substantially lower than bordering States--probably because of the larger portion of small farms in Utah operated by people who get the majority of their income from other sources.

Even though cash receipts for all commodities rose from $362 to $363 million in 1977, receipts for the majority of individual commodities declined. Increases from 1976 to 1977 were shown for sheep and lambs, eggs, honey, hay, onions, fruits, and alfalfa seed. These more than offset lower receipts for cattle and calves, milk, hogs, turkeys, wool, wheat, feed grains, vegetables other than onions, and sugar beets. crop receipts totaled $96.2 million compared with $98.5 million in 1976 and $95.8 million

in 1975 while livestock and livestock products receipts were $267.2 million compared with $263.3 million a year earlier and $234.4 million in 1975.

Cash receipts from cattle and calves declined from $97.2 million in 1976 to $94.9 million in 1977 but still accounted for 26.1 percent of the total cash receipts in 1977 to lead all other commodities. Receipts from milk were down slightly from $87.8 million in 1976 to $87.6 million in 1977. Milk accounted for 24.1 percent of the State's total for 1977 compared with 24.3 percent in 1976. Hay ranked third with cash receipts of $36.2 million which accounted for 9.9 percent of the total compared with 9.0 percent a year earlier. Sheep and wool at $23.5 million edged out turkeys for 4th place accounting for 6.4 percent of the total compared with 4.8 percent a year earlier. Turkey receipts at $22.9 million followed in 5th place at 6.3 percent of the total.



CASH RECEIPTS, BY COMMODITIES
UTAH, 1977

Cash Receipts by Commodities, Utah, 1950, 1960, 1975-77.

Commodity	1950	1960	1975	1/1976		1/1977	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities	152,542	161,989	330,188	361,863	100.0	363,462	100.0
Livestock Products	113,303	127,250	234,410	263,324	72.7	267,230	73.5
Meat Animals	56,108	62,968	99,403	117,884	32.5	121,429	33.4
Cattle Calves	38,794	48,989	76,200	97,177	26.8	94,943	26.1
Sheep Lambs	13,535	11,402	17,234	14,052	3.9	19,998	5.5
Hogs	3,779	2,577	5,969	6,655	1.8	6,488	1.8
Dairy Products	21,717	28,843	77,919	87,756	24.3	87,581	24.1
Milk Wholesale	19,004	28,083	73,100	80,798	22.3	81,813	22.5
Milk Retail	2,080	540	4,819	6,958	1.9	5,768	1.5
Milkfat	601	220	--	--	--	--	--
Poultry and Eggs	26,747	24,429	40,320	38,407	10.6	37,790	10.4
Turkeys	9,984	13,733	27,796	25,088	6.9	22,930	6.3
Eggs	12,936	8,638	11,265	11,843	3.3	13,362	3.7
Farm Chickens	2,876	305	119	181	*	133	*
Misc. Livestock	8,731	11,010	16,768	19,277	5.3	20,430	5.6
Wool	6,844	4,351	2,702	3,528	.9	3,490	.9
Honey	270	272	1,089	730	.2	1,214	.3
Beeswax	21	15	39	19	*	61	*
Other Livestock 2/	2,579	8,125	14,078	16,295	4.5	17,030	4.7
Crops	39,239	34,739	95,778	98,539	27.3	96,232	26.5
Food Grains	10,571	6,422	24,045	16,674	4.6	13,254	3.6
Wheat	10,537	6,418	24,031	16,663	4.6	13,244	3.6
Feed Crops	5,864	8,634	31,706	42,282	11.6	42,672	11.7
Hay	2,886	6,202	21,658	32,907	9.0	36,203	9.9
Barley	2,551	2,087	7,185	6,537	1.8	4,100	1.1
Corn	46	135	2,534	2,551	.7	2,127	.6
Oats	381	210	329	287	.1	242	.1
Vegetables	8,661	6,654	12,517	10,281	2.9	9,820	2.7
Potatoes	3,031	3,371	5,272	4,227	1.1	3,543	.9
Onions	373	434	2,164	2,206	.6	2,892	.8
Dry Beans	168	105	1,506	679	.2	439	.1
Misc. Vegetables	5,089	2,744	3,575	3,169	.8	2,946	.8
Fruits, Nuts	2,019	3,309	7,972	13,455	3.7	14,445	3.9
Apples	667	512	2,857	3,654	1.0	4,966	1.3
Peaches	373	559	2,090	2,210	.6	2,155	.6
Cherries	239	829	1,882	5,947	1.7	5,270	1.4
Pears	112	497	591	950	.2	1,152	.3
Apricots	43	260	185	285	*	431	.1
Other Fruits, Nuts	585	652	367	409	.1	471	.1
All Other Crops	12,124	9,720	19,538	15,847	4.3	16,041	4.4
Sugar Beets	6,046	6,164	9,566	6,150	1.7	3,802	1.0
Greenhouse Nursery	1,382	1,600	4,060	4,300	1.2	4,600	1.3
Alfalfa Seed	4,428	1,722	3,892	2,428	.6	3,687	1.0
Forest Products	3	30	120	130	*	140	*
Other Crops 3/	299	208	1,914	2,850	.8	3,822	1.0

1/ Preliminary--Source: State Farm Income Statistics, Supplement to Statistical Bulletin 609, September 1978, Economics, Statistics, & Cooperatives Service, USDA. 2/ All livestock and livestock products not listed separately. 3/ All crops not listed separately.

Cash Receipts, Gross and Net Income from Farming, Utah, 1940, 1950, 1960, 1970, 1975-78.

Item	1940	1/1950	1/1960	1/1970	1/1975	1/1976	1/1977	2/1978
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	95.8	98.6	96.2	106.4
Livestock & Livestock Products	34.0	--	--	--	234.4	263.3	267.2	328.7
Crops and Livestock	46.6	152.5	162.8	222.1	330.2	361.9	363.4	435.1
Government Payments	2.8	2.4	6.6	11.1	3.3	5.6	18.6	--
Nonmoney Farm Income	--	13.4	13.4	16.8	32.6	39.7	41.6	--
Other Farm Income	--	0.2	1.6	2.3	5.2	5.7	6.5	--
Realized Gross Farm Income 3/	--	168.6	184.5	252.4	371.3	412.8	430.1	--
Farm Production Expenses	--	108.9	148.2	194.3	312.2	340.8	358.9	--
Realized Net Farm Income 4/	--	59.6	36.2	58.1	59.0	72.0	71.2	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	-3.0	-7.0	-6.4	--
Total Net Farm Income 5/	--	64.0	30.4	60.1	56.0	65.0	64.8	--
Average Per Farm		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	
Realized Gross Income per Farm	--	6,534	9,708	17,901	27,706	30,809	32,099	--
Realized Net Income per Farm	--	2,312	1,906	4,122	4,407	5,374	5,313	--
Total Net Income per Farm	--	2,481	1,599	4,261	4,182	4,848	4,836	--

1/ Source: Farm Income Statistics, Statistical Bulletin 609-July 1978, and Supplement to Statistical Bulletin 609 September 1978, Economics, Statistics, & Cooperatives Service, USDA. 2/ Source: "Agricultural Outlook", Economics, Statistics, & Cooperatives Service, USDA, April 1979. 3/ Cash receipts plus government payments, nonmoney farm income, and other farm income. 4/ Realized gross farm income less farm production expenses. 5/ Realized net farm income plus net change in farm inventories.

Farm Operating Expenses, Utah, 1950, 1960, 1970, 1975-77.

Item	1950	1960	1970	1/1975	1/1976	1/1977
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	65.5	72.2	69.0
Livestock	12.2	11.6	14.6	16.2	15.7	16.1
Seed	2.7	2.2	2.6	5.1	5.8	6.6
Fertilizer & Lime	1.7	1.9	4.1	10.7	10.3	8.6
Repairs and Operation of Capital Items	15.8	21.4	25.2	40.2	45.2	50.0
Miscellaneous	11.5	16.4	27.1	57.5	65.3	70.0
Hired Labor	14.7	15.0	15.1	24.4	23.6	26.4
Total Current Farm Operating Expenses	84.5	100.7	131.6	219.5	238.2	246.7
Depreciation & Other Consumption of Farm Capital	13.3	20.9	33.7	58.0	64.9	71.6
Taxes of Farm Property	5.7	8.0	10.4	16.4	18.2	19.2
Interest on Farm Mortgage Debt	2.1	5.2	8.0	13.8	15.9	18.2
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	4.5	3.6	3.2
Total Production Expenses (Preliminary)	108.6	139.8	189.2	312.2	340.8	358.9
Total Production Expenses (Revised 9/78)	108.9	148.2	194.3	312.2	340.8	--

1/ Source: State Farm Income Statistics, Supplement to Statistical Bulletin No. 609 September 1978, Economics, Statistics, & Cooperatives Service, USDA.

Field & Seed Crops

Jack B. Goodwin, Agricultural Statistician

Summary: Water for irrigation during 1978 was adequate in most areas of Utah. Good late winter and early spring moisture was adequate for dryland crops. Rainfall was very light during June and July in most areas and during August in many areas. Small grains and hay were harvested under favorable conditions and quality was generally good. Late spring frosts in some areas -- mainly northern Utah -- plus some earlier than usual fall frosts shortened the growing season and reduced production of some crops in those areas -- particularly on corn crops. September rains were beneficial for seeding fall grains. October was clear and favorable for harvesting late crops.

Production of field and seed crops in 1978 was 113.9 percent of the 1957-59 average. This was up 8 percent from a year earlier but was 2 percent below 1976 and 5 percent below the large 1975 crop production. Production in 1978 compared with a year earlier was larger for all hay, winter wheat, spring wheat, barley, corn silage, corn for grain, oats, sugar beets, alfalfa seed and dry beans with sharpest increases in sugar beets, alfalfa seed, and corn for grain. Only potato and sugar beet seed production declined.

Crop production during 1978 in comparison with that of twenty years earlier (1957-59) showed some substantial changes in crops being grown in Utah. Corn silage doubled and corn for grain was 6 times larger. Winter wheat was nearly one-half larger while spring wheat and oats dropped to about one-third of the earlier level. Barley was down slightly. Potatoes were down a fourth and sugar beet production was about half the 1957-59 level. All hay production increased a third to account for more than half the total field and seed crop production. Alfalfa seed output declined to about one-half its volume 20 years earlier.

Corn: The acreage planted to corn was increased 15 percent--from 80,000 acres in 1977 to 92,000 acres in 1978--as moisture conditions improved and corn acreage partially returned to the level before the 1977 drought. Production of corn silage in Utah was 1,136,000 tons, 8 percent more than a year earlier but below the 1973-76 level. Yield per acre was 16.0 tons in 1978, down 1.0 ton from 1977 and below the average for the last 8 years. There were 71,000 acres of silage harvested compared with 62,000 a year earlier and 80,000 in 1975 and 1976. The value of corn silage production in Utah in 1978 amounted to 17.9 million dollars. The only crop produced in the State with higher value in 1978 was hay. There was a considerable expansion in production of corn for grain from 1969 to 1971 in connection with a promotion program and installation of corn dryers at several locations. Corn for grain production in 1978 totaled 1,440,000 bushels--24 percent more than 1977 and 7 percent above 1976. Yield at 90.0 bushels per acre from 16,000 acres compared with 89.0 bushels per acre from 13,000 acres in 1977. Nearly all corn in Utah is grown on irrigated land and is

grown wherever the season permits, but the heaviest concentrations are in north central Utah.

Wheat: Production of all wheat in 1978 amounted to 5,599,000 bushels, 19 percent more than 1977 but 14 less than 1976. Production in 1977 was cut sharply by drought. Winter wheat output totaled 4,843,000 bushels, 17 percent more than 1977 but smaller than 1976 and other recent years. Average yield per harvested acre at 29.0 bushels was 6.0 bushel above 1977 and highest since 1971. There were 167,000 acres harvested, 7 percent less than 1977 and smallest since 1943. The largest acreage ever grown in the State was in 1953 when 342,000 acres were harvested. According to the 1969 Census of Agriculture, Box Elder County had 39 percent of the State's acreage and seven counties -- Box Elder, Cache, Salt Lake, Utah, Juab, Millard, and San Juan--accounted for about 87 percent. About 85 percent of the 1969 Census acreage was grown on nonirrigated ground, most of which is summer fallowed prior to planting. While acreage in recent years is well below the 1953 peak, yields have been considerably higher as a result of improved varieties and cultural practices--including a larger portion on irrigated land. Spring wheat production, at 756,000 bushels, was 31 percent above 1977 but 42 percent less than 1976. There were only 21,000 acres harvested for grain compared with 24,000 in 1977. This was about down to the 1970-72 level before high wheat prices in 1973 caused a sharp increase in acreage. The record high acreage of spring wheat was in 1918 when 160,000 acres were harvested. The Census showed 69 percent of the 1969 spring wheat crop was harvested from irrigated land and 40 percent of the State's acreage was located in Box Elder and Cache Counties.

Feed Grains: Production of barley amounted to 7,336,000 bushels in 1978--18 percent above 1977 but 4 percent below the 1970-77 average. Yield, at 56.0 bushels, was 2.0 bushels above 1977. Area harvested for grain in 1978 amounted to 131,000 acres, 16,000 acres more than 1977. The record high barley acreage occurred in 1957 when 190,000 acres were harvested. About 80 percent of the total barley acreage is irrigated according to the 1974 Census. Major counties in barley production include Cache, Box Elder, Utah, and Millard where about 60 percent of the 1974 Census total barley acreage was harvested. Oat production, at 576,000 bushels in 1978, was 5 percent more than in 1976 but second smallest of record. Yield per acre, at 48.0 bushels, was 7.0 bushels below 1977 and lowest since 1961. The acreage harvested for oats, at 12,000, was up 2,000 from 1977 and second lowest of record. The record high acreage of oats was attained in 1910 when 82,000 acres were harvested for grain. While oats are primarily grown for grain, over a third of the acreage is planted for hay or pasture -- a much higher portion than for either wheat or barley. Most of the State's oat acreage is grown on irrigated land. Production is spread throughout the State.

Dry Beans: Dry bean production in Utah at 24,000 cwt. in 1978 partially recovered from the short 2,000 cwt. crop produced during the 1977 drought. However, it was still much below the 1970-76 average of 64,000 cwt. There were 8,000 acres harvested for dry beans in 1978 in comparison with 1,000 in 1977 and 13,000 in 1976. Yields on the area harvested averaged 300 pounds against 200 pounds per acre in 1977. In comparison, the 1970-76 averages were 16,000 acres harvested and 390 pounds per acre. The largest bean acreage ever planted in the State was 21,000 acres in 1971 but the record high acreage harvested was in 1970 when 20,000 acres were cut and

threshed. Essentially all dry beans grown in Utah in recent years have been in San Juan County (southeast corner of Utah) on nonirrigated land although a few growers in other sections had a little acreage on irrigated land.

Potatoes: Growers harvested 4,600 acres of potatoes in 1978, down 1,300 from 1977 and the smallest acreage since 1972. Yield per acre at 245 cwt. was 5 cwt. more than a year earlier. Production at 1,127,000 cwt. was down 20 percent. The largest potato acreage in Utah was recorded in 1943 when 19,600 acres were harvested. Since that time, acreage steadily declined until 1972 when only 4,300 acres were harvested. A new area near Holden in Millard County was primarily responsible for the acreage in the last five years being above the 1972 low. That area and the Enterprise-Beryl area, located in Iron and Washington Counties of southwestern Utah, are the major producing areas in the State with most of their potatoes marketed out of storage. There are also several growers in Davis County who harvest for late summer and early fall markets. Several other counties have small acreages. All the State's potato production is on irrigated land.

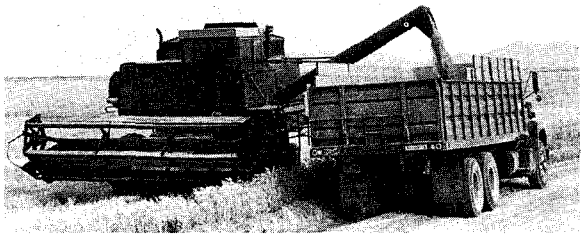
Sugar Beets: The sugar beet acreage increased from the low of 9,800 acres harvested in 1977 to 12,600 acres harvested in 1978 but it was still second lowest of record. Production amounted to 225,000 tons, 30 percent more than 1977 but lower than all other years since records started in 1904. Yield averaged 17.9 tons per acre, slightly above both 1977 and the average for recent years. Weather for planting, summer growth, and harvesting during 1978 was generally favorable. The record high acreage--amounting to 113,000 acres--was harvested in 1920. As acreage has declined since 1920, sugar beet factories in the State have closed and the plant at Garland has been the only one operating since 1971. The 1978 crop was the last one that plant will process. Any beets grown in 1979 will be shipped to Idaho for processing. Box Elder has been the leading sugar beet county in recent years and most of the remaining acreage has been in Cache County and along the Wasatch Front. With the closing of the Garland plant, the 1979 acreage will be small and will likely be limited to Cache, Weber, and Davis Counties.

Hay Crops: Production in 1978 totaled 1,886,000 tons, a record high and 2 percent above 1977. Hay (all classes) is the major crop grown in Utah. The 594,000 acres harvested in 1978 accounted for more than half of the total acreage of all crops harvested. Hay is grown throughout the State although its relative importance is least in nonirrigated grain farming sections. Alfalfa hay production at 1,669,000 tons was up 3 percent and a record high. Average yield per acre was 3.55 tons and acreage totaled 470,000. These were up from the average of 3.50 tons per acre from 465,000 acres in 1977. Weather for harvest was generally good and quality was high. Other hay production at 217,000 tons was up 1 percent and was the largest since 1950. There were 124,000 acres harvested and yield averaged 1.75 tons per acre in 1978 compared with 119,000 acres and 1.80 tons in 1977.

Alfalfa Seed: Growers harvested 22,000 acres of alfalfa for seed in 1978, 57 percent above 1977 and the largest since 1969. Total production amounted to 5,390,000 pounds--the largest crop since 1967 and 48 percent above 1977. The average yield per acre at 245 pounds was about average for the preceding nine years. Currently, production is pretty well limited to the area around Delta in Millard County with small acreages in northern Utah and the Uintah Basin. The record high acreage of alfalfa seed was harvested in 1925 when seed was taken from 72,000 acres.

Sugar Beet Seed: Production of sugar beet seed in Utah totaled 3,917 cwt. in 1978. This was well below the 5,040 cwt. in 1977 and 9,696 cwt. in 1976 as well as all other recent years. Acreage was reduced to 184 acres in 1978 while average yield at 2,129 pounds per acre was near the level of other recent years. Essentially, all production was in Washington County in southwestern Utah.

Planting some of nearly one million acres of dry cropland in Utah.



Dryland farming is important to Utah's agricultural industry.

Chopping alfalfa hay for later feeding to cattle.

Loose stacking is another method of hay storage.

Corn: Acreage Planted and Acreage Harvested by Use, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Planted Total	Harvested			
		Total	For Silage	For Grain	For Forage 1/
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
1940	29	27	10	10	7
1950	31	30	21	5	4
1960	49	47	41	3	3
1965	41	40	34	3	3
1970	63	62	49	10	3
1971	75	73	56	15	2
1972	80	79	69	8	2
1973	90	89	74	13	2
1974	95	94	78	14	2
1975 2/	100	98	80	15	3
1976 2/	100	98	80	15	3
1977	80	78	62	13	3
1978	92	90	71	16	3

1/ Includes corn hogged, grazed, and that cut and fed without removing ears. 2/ Record high acreage of corn.

Corn for Silage: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Ton	1,000 Tons	Dollars per Ton	1,000 Dollars
1940	10	9.4	94	--	--
1950	21	11.0	231	7.50	1,732
1960	41	14.5	594	8.00	4,752
1965	34	15.0	510	8.40	4,284
1970	49	18.0	882	9.80	8,644
1971	56	17.5	980	10.00	9,800
1972	69	17.0	1,173	11.50	13,490
1973	74	17.5	1,295	14.50	18,778
1974	78	17.0	1,326	17.20	22,807
1975 1/	80	18.0	1,440	15.90	22,896
1976 1/	80	16.0	1,280	17.30	22,144
1977	62	17.0	1,054	17.20	18,129
1978	71	16.0	1,136	15.80	17,949

1/ Record high acreage of corn harvested for silage.

Corn Harvested for Grain: Acreage Harvested, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	1,000 Bushels	1,000 Dollars
1940	10	29.0	290	--	--	--	--
1950	5	50.0	250	--	--	--	--
1960	3	64.0	192	1.50	288	48	72
1965	3	75.0	225	1.47	331	79	116
1970	10	90.0	900	1.40	1,260	495	693
1971 2/	15	78.0	1,170	1.40	1,638	725	1,015
1972	8	92.0	736	1.90	1,398	420	798
1973	13	88.0	1,144	2.78	3,180	744	2,068
1974	14	80.0	1,120	3.10	3,472	739	2,291
1975 2/	15	86.0	1,290	3.00	3,870	903	2,709
1976 2/	15	90.0	1,350	2.55	3,443	945	2,410
1977	13	89.0	1,157	2.45	2,835	764	1,872
1978	16	90.0	1,440	2.65	3,816	994	2,634

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1940.....	191	180	19.0	3,420	.63	2,155
1950.....	344	326	16.0	5,216	1.86	9,702
1953 1/.....	362	342	17.0	5,814	1.90	11,047
1960.....	193	181	18.5	3,348	1.71	5,725
1965.....	201	191	26.5	5,062	1.40	7,087
1970.....	200	191	27.0	5,157	1.41	7,271
1971.....	196	185	29.0	5,365	1.40	7,511
1972.....	218	205	26.5	5,433	1.77	9,616
1973.....	235	207	24.0	4,968	4.16	20,667
1974.....	259	243	26.0	6,318	4.01	25,335
1975.....	250	238	24.0	5,712	3.45	19,706
1976.....	250	222	23.5	5,217	2.57	13,408
1977.....	225	180	23.0	4,140	2.43	10,060
1978.....	190	167	29.0	4,843	3.00	14,529

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, 1918, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars
1918 1/.....	--	160	25.0	4,000	1.88	7,520
1940.....	68	66	31.0	2,046	.65	1,330
1950.....	84	82	32.0	2,624	1.86	4,881
1960.....	52	48	40.5	1,944	1.61	3,130
1965.....	40	38	44.0	1,672	1.34	2,240
1970.....	23	21	44.0	924	1.36	1,257
1971.....	21	20	44.0	880	1.40	1,232
1972.....	17	16	44.0	704	1.75	1,232
1973.....	50	47	29.0	1,363	4.07	5,547
1974.....	60	52	32.0	1,664	3.94	6,556
1975.....	52	44	33.0	1,452	3.42	4,966
1976.....	50	42	31.0	1,302	2.52	3,281
1977.....	26	24	24.0	576	2.43	1,400
1978.....	25	21	36.0	756	2.95	2,230

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	259	246	22.2	5,466	.64	3,498		
1950.....	428	408	19.2	7,840	1.86	14,583	5,108	9,501
1953 2/.....	467	444	20.7	9,180	1.89	14,350		
1960.....	245	229	23.1	5,292	1.67	8,855	4,172	6,967
1965.....	241	229	29.4	6,734	1.38	9,327	6,098	8,415
1970.....	223	212	28.7	6,081	1.40	8,528	5,333	7,479
1971.....	217	205	30.5	6,245	1.40	8,734	5,475	7,658
1972.....	235	221	27.8	6,137	1.77	10,890	5,415	9,609
1973.....	285	254	24.9	6,331	4.14	26,214	5,574	23,080
1974.....	319	295	27.1	7,982	4.00	31,891	7,465	29,826
1975.....	302	282	25.4	7,164	3.44	24,672	6,390	22,007
1976.....	300	264	24.7	6,519	2.56	16,689	5,756	14,738
1977.....	251	204	23.1	4,716	2.43	11,460	4,004	9,729
1978.....	215	188	29.8	5,599	2.99	16,759	5,073	15,185

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1940.....	109	107	41.0	4,387	.46	2,018	1,009	464
1950.....	146	141	44.0	6,204	1.16	7,197	2,109	2,446
1957 2/.....	197	190	45.0	8,550	.93	7,952		
1960.....	160	147	43.5	6,394	1.00	6,394	1,982	1,982
1965.....	147	142	57.0	8,094	1.07	8,661	2,833	3,031
1970.....	148	141	58.5	8,249	1.07	8,826	3,217	3,442
1971.....	151	142	60.0	8,520	1.14	9,713	2,726	3,108
1972.....	143	132	61.0	8,052	1.36	10,951	3,221	4,381
1973.....	147	135	57.0	7,695	2.35	18,083	2,847	6,690
1974.....	144	131	54.0	7,074	2.86	20,232	2,830	8,094
1975.....	144	135	60.0	8,100	2.50	20,250	2,835	7,088
1976.....	151	126	55.0	6,930	2.21	15,315	2,633	5,819
1977.....	144	115	54.0	6,210	1.99	12,358	2,174	4,326
1978.....	148	131	56.0	7,336	2.00	14,672	2,861	5,722

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, 1910, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	1,000 Bushel	1,000 Dollars
1910 2/.....	--	82	39.5	3,239	.49	1,587		
1940.....	46	39	39.0	1,521	.34	517	167	57
1950.....	56	51	45.0	2,295	.89	2,043	367	327
1960.....	29	23	46.0	1,058	.83	878	201	167
1965.....	32	23	56.0	1,288	.81	1,043	296	240
1970.....	24	17	60.0	1,020	.76	775	255	194
1971.....	23	14	56.0	784	.82	643	157	129
1972.....	24	13	52.0	676	1.05	710	142	149
1973.....	23	14	54.0	756	1.75	1,323	181	317
1974.....	21	12	53.0	636	1.85	1,177	159	294
1975.....	22	13	56.0	728	1.80	1,310	175	315
1976.....	22	12	57.0	684	1.75	1,197	164	287
1977.....	20	10	55.0	550	1.45	798	154	223
1978.....	21	12	48.0	576	1.60	922	144	230

1/ Quantity sold times season average price. 2/ Record high acreage of oats harvested.

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production Clean	Season Average Price	Value of Production	Sales	
	Planted	Harvested					Quantity	Value 1/
	1,000 Acres	1,000 Acres	Pounds	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars	1,000 Cwt.	1,000 Dollars
1940.....	9	9	500	40	3.55	142	38	135
1950.....	12	11	280	27	6.40	173	26	166
1960.....	8	6	300	18	7.10	128	17	121
1965.....	10	10	500	50	8.50	425	48	408
1970 2/.....	20	20	430	86	7.90	679	83	656
1971.....	21	19	330	63	10.40	655	60	624
1972.....	20	13	400	52	9.10	473	50	455
1973.....	17	17	450	76	32.90	2,500	74	2,435
1974.....	16	16	310	50	29.60	1,480	48	1,421
1975.....	17	17	420	71	18.60	1,321	69	1,283
1976.....	13	13	390	51	12.10	617	50	605
1977.....	5	1	200	2	19.90	40	2	40
1978.....	9	8	300	24	16.80	396	23	386

1/ Quantity sold times season average price. 2/ Record high acreage of dry beans harvested.

Potatoes: Acreage, Yield, Production, and Value, Utah, 1940, 1943, 1950, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres	1,000 Acres	Cwt.	1,000 Cwt.	Dollars per Cwt.	1,000 Dollars
1940.....	13.0	12.9	102	1,316	.70	921
1943 1/.....	20.2	19.6	105	2,058	2.12	4,356
1950.....	13.5	13.0	147	1,911	1.75	3,344
1960.....	8.3	7.9	170	1,343	2.28	3,062
1965.....	9.1	8.6	145	1,247	2.25	2,806
1970.....	6.0	5.9	170	1,003	2.38	2,387
1971.....	5.4	5.3	160	848	1.96	1,662
1972.....	4.3	4.3	235	1,011	3.20	3,235
1973.....	5.1	5.0	220	1,100	3.30	3,630
1974.....	6.4	6.3	235	1,481	3.80	5,628
1975.....	5.9	5.8	260	1,508	3.70	5,580
1976.....	5.3	5.2	240	1,248	3.10	3,869
1977.....	6.0	5.9	240	1,416	3.04	4,305
1978.....	4.7	4.6	245	1,127	3.67	4,136

1/ Record high acreage of potatoes harvested.

Pototoes: Production, Farm Use, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-77.

Year	Production	Total Used for Seed 1/	Farm Disposition			Price per Cwt.	Value of Sales
			For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold		
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1940.....	1,316	--	--	--	915	.70	640
1950.....	1,911	--	--	--	1,540	1.75	2,695
1960.....	1,343	118	119	117	1,107	2.28	2,524
1965.....	1,247	126	103	156	988	2.25	2,223
1970.....	1,003	81	49	90	864	2.38	2,056
1971.....	848	69	53	85	710	1.96	1,392
1972.....	1,011	92	38	81	892	3.20	2,854
1973.....	1,100	128	29	88	983	3.30	3,244
1974.....	1,481	130	18	131	1,332	3.80	5,062
1975.....	1,508	117	28	181	1,299	3.70	4,806
1976.....	1,248	126	28	87	1,133	3.10	3,512
1977.....	1,416	94	24	160	1,232	3.04	3,745

1/ Includes seed purchased and seed used on farms where grown.

Potatoes: Production and Total Stocks, Utah, 1962-78.

Year	Production	Total Stocks				
		December 1	January 1 Following Year	February 1 Following Year	March 1 Following Year	April 1 Following Year
	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.
1962.....	1,185	860	760	590	420	
1963.....	1,116	840	730	540	380	
1964.....	1,200	820	610	410	250	
1965.....	1,247	920	720	480	325	
1966.....	1,383	1,010	810	615	435	
1967.....	1,406	1,000	850	700	470	
1968.....	1,040	600	450	300	170	
1969.....	1,311	850	640	470	340	
1970.....	1,003	570	450	300	240	
1971.....	848	550	410	270	200	
1972.....	1,011	690	520	350	190	80
1973.....	1,100	800	580	400	230	--
1974.....	1,481	1,040	820	570	240	100
1975.....	1,508	1,160	810	570	300	170
1976.....	1,248	950	790	600	400	180
1977.....	1,416	980	720	450	285	140
1978.....	1,127	780	660	520	280	150

Sugar Beets: Acreage, Yield, Production, and Value, Utah, 1920, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres		Yield per Acre	Production	Season Average Price 1/	Value of Production	Sugar Act Payment	
	Planted	Harvested					Average	Total
	1,000 Acres	1,000 Acres	Tons	1,000 Tons	Dollars per Ton	1,000 Dollars	Dollars per Ton	1,000 Dollars
1920 2/.	116	113	12.4	1,390	12.03	16,713	--	--
1940....	51	48	10.5	504	5.08	2,560	--	--
1950....	40	38	14.1	535	11.30	6,046	--	--
1960....	32.9	31.6	17.0	536	11.50	6,164	--	--
1965....	33.1	32.1	16.3	523	13.00	6,799	2.29	1,194
1970....	31.7	29.1	16.5	479	15.50	7,425	2.22	1,062
1971....	25.5	24.8	18.7	463	16.20	7,501	2.21	1,021
1972....	22.5	22.0	19.6	431	17.50	7,543	2.14	924
1973....	19.3	18.4	17.5	322	34.80	11,206	2.14	690
1974....	17.7	17.0	17.4	296	45.50	13,468	2.12	629
1975....	23.2	22.5	15.7	353	27.10	9,566	3/	3/
1976....	18.4	18.0	17.6	317	19.40	6,150		
1977....	10.4	9.8	17.7	173	26.70	4,619		
1978....	12.8	12.6	17.9	225				

1/ Does not include government payments under the Sugar-Act. 2/ Record high acreage of sugar beets harvested. 3/ Discontinued.

Sugar Beet Seed: Acreage and Production, Utah, 1940, 1941, 1950, 1960, 1965, 1970-78.

Year	Acreage Harvested 1/	Yield per Acre 1/	Production 1/	Season Average Price	Value of Production
	Acres	Pounds	100-pound Bags	$/Cwt.	1,000 Dollars
1940.....	510	2,480	12,621	9.00	114
1941 2/.....	688	2,030	13,936	8.00	111
1950.....	313	2,240	7,026	13.50	95
1960.....	198	2,880	5,704	20.00	114
1965.....	164	3,736	6,127	20.00	123
1970.....	448	2,359	10,568	20.00	211
1971.....	508	2,364	12,010	20.00	240
1972.....	490	1,723	8,443	24.00	203
1973.....	459	2,429	11,153	21.80	243
1974.....	397	2,772	11,006	22.50	248
1975.....	382	1,958	7,479	35.50	266
1976.....	351	2,762	9,696	38.00	368
1977.....	220	2,291	5,040	40.00	202
1978.....	184	2,129	3,917	37.00	146

1/ Source: Agricultural Research Service compiled from reports furnished by beet sugar companies. 2/ Record high acreage of sugar beet seed harvested.

Sugar Beets: Acreage and Production by Counties 1/, Utah, 1973-78.

County	Farms	Acreage		Production		Farms	Acreage		Production	
		Planted	Harvested	Per Acre	Total		Planted	Harvested	Per Acre	Total
	No.	Acres	Acres	Tons	Tons	No.	Acres	Acres	Tons	Tons
			1973					1974		
Box Elder...	194	10,510	10,200	18.6	190,000	188	9,300	8,850	18.1	160,100
Cache.....	83	1,820	1,760	15.8	27,800	87	1,830	1,790	14.7	26,400
Weber.....	43	1,940	1,750	16.4	28,700	43	1,770	1,690	18.8	31,700
Davis.....	38	1,520	1,240	18.4	22,800	36	1,290	1,260	18.3	23,100
Salt Lake...	35	1,240	1,210	16.4	19,800	25	990	980	18.2	17,800
Utah.....	49	1,780	1,770	14.7	26,000	52	2,070	2,000	15.1	30,200
Sevier.....	1	90	90	17.8	1,600	2	130	130	16.9	2,200
Carbon.....	6	400	380	13.9	5,300	7	320	300	15.0	4,500
Total.....	449	19,300	18,400	17.5	322,000	440	17,700	17,000	17.4	296,000
			1975					1976		
Box Elder...	--	12,440	12,180	15.9	194,200	--	10,530	10,400	17.8	184,800
Cache.....	--	2,740	2,530	12.9	32,500	--	1,950	1,890	15.3	28,900
Weber.....	--	2,220	2,210	16.6	36,600	--	2,110	2,020	20.1	40,700
Davis.....	--	1,430	1,360	15.8	21,500	--	1,110	1,040	19.7	20,500
Salt Lake...	--	1,210	1,210	17.6	21,300	--	940	940	18.9	17,800
Utah.....	--	2,450	2,320	15.4	35,700	--	1,710	1,660	14.3	23,700
Carbon.....	--	410	410	14.6	6,000	--	0	0	0	0
Other 2/....	--	300	280	18.6	5,200	--	50	50	12.0	600
Total.....	--	23,200	22,500	15.7	353,000	--	18,400	18,000	17.6	317,000
			1977					1978		
Box Elder...	--	7,100	6,770	17.6	119,200	--	9,270	9,140	18.0	164,700
Cache.....	--	970	890	15.7	14,000	--	830	820	15.7	12,900
Weber.....	--	1,270	1,130	18.6	21,000	--	1,610	1,580	17.6	27,800
Davis.....	--	490	450	20.7	9,300	--	670	650	20.6	13,400
Salt Lake...	--	440	440	17.5	7,700	--	420	410	15.1	6,200
Utah.....	--	130	120	15.0	1,800	--	--	--	--	--
Total.....	--	10,400	9,800	17.7	173,000	--	12,800	12,600	17.9	225,000

1/ County estimates through 1974 are based on Utah A.S.C.S. Annual Reports of Farm Programs adjusted to ESCS State estimates, rounded to 10 acres and 100 tons. Data for 1975-78 are based on sugar company reports to ESCS with county acreage rounded to 10 acres and production to 100 tons. 2/ Includes Sanpete and Sevier.

All Hay: Acreage, Yield, Production, and Value, Utah, 1930, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Tons	1,000 Tons	Dollars per Ton	1,000 Dollars	1,000 Tons	1,000 Dollars
1930 1/.....	686	2.02	1,383	8.60	11,894		
1940.....	553	1.92	1,059	10.50	11,120	191	2,006
1950.....	534	1.91	1,020	22.20	22,644	143	3,175
1960.....	566	2.26	1,281	26.40	33,818	243	6,415
1965.....	573	2.86	1,638	23.00	37,674	311	7,153
1970.....	563	2.91	1,638	25.00	40,950	426	10,650
1971.....	578	2.74	1,584	29.50	46,728	317	9,352
1972.....	586	2.58	1,513	35.00	52,955	348	12,180
1973.....	584	2.84	1,660	38.50	63,910	432	16,632
1974.....	584	2.96	1,729	46.50	80,399	450	20,925
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	582	31,137
1977.....	584	3.15	1,842	58.00	106,836	553	32,074
1978.....	594	3.18	1,886	47.00	88,642	585	27,495

1/ Record high acreage of all hay harvested. 2/ Quantity sold times season average price.

Hay Crops: Acreage, Yield, Production, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000 Acres	Tons	1,000 Tons		1,000 Acres	Tons	1,000 Tons
		Alfalfa Hay				All Other Hay 1/	
1940.....	431	2.10	905	1940.....	122	1.26	154
1950.....	361	2.20	794	1950.....	173	1.31	226
1960.....	439	2.55	1,119	1960.....	127	1.28	162
1965.....	450	3.20	1,440	1965.....	123	1.61	198
1970.....	441	3.25	1,433	1970.....	122	1.68	205
1971.....	450	3.05	1,373	1971.....	128	1.65	211
1972.....	455	2.85	1,297	1972.....	131	1.65	216
1973.....	460	3.15	1,449	1973.....	124	1.70	211
1974.....	460	3.30	1,518	1974.....	124	1.70	211
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210
1977.....	465	3.50	1,628	1977.....	119	1.80	214
1978.....	470	3.55	1,669	1978.....	124	1.75	217

1/ Includes clover-timothy hay, grain hay, other tame hay and wild hay for which separate estimates were discontinued in 1971.

Alfalfa Seed: Acreage, Yield, Production, Sales, and Value, Utah, 1925, 1940, 1950, 1960, 1965, 1970-78.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production	Sales	
						Quantity	Value 2/
	1,000 Acres	Pounds	1,000 Pounds	Dollars per cwt.	1,000 Dollars	1,000 Pounds	1,000 Dollars
1925 1/.....	71.7	275	19,718	14.80	2,918	Not available	
1940.....	54	83	4,500	14.30	644	Not available	
1950.....	57	165	9,405	49.50	4,655	8,888	4,400
1960.....	45	185	8,325	24.30	2,023	8,300	2,017
1965.....	40	125	5,000	35.20	1,760	4,950	1,742
1970.....	16	195	3,120	33.00	1,030	3,089	1,019
1971.....	14	290	4,060	32.20	1,307	4,019	1,294
1972.....	9	330	2,970	47.50	1,411	2,940	1,397
1973.....	10	230	2,300	103.00	2,369	2,277	2,345
1974.....	17	300	5,100	77.00	3,927	5,049	3,888
1975.....	13	280	3,640	62.00	2,257	3,604	2,234
1976.....	11	215	2,365	105.00	2,483	2,318	2,434
1977.....	14	260	3,640	124.00	4,514	3,604	4,469
1978.....	15	290	4,350	117.00	5,090	4,307	5,039

1/ Record high acreage of alfalfa seed harvested. 2/ Quantity sold times season average price.

Grain Stocks - Wheat: On Farms, Off Farms, and Total, by Quarters, Utah, 1950, 1960, 1965, 1970, 1975-78.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,704	3,685	2,587	--	588
1960.....	3,122	2,487	1,005	--	370
1965.....	2,694	1,684	673	--	471
1970.....	3,588	2,068	1,034	--	304
1975.....	3,224	2,364	1,648	1,075	2/
1976.....	3,585	2,477	1,891	1,304	--
1977.....	2,782	2,264	1,698	1,132	--
1978.....	2,520	2,240	1,680		
			Off Farms 1/		
1950.....	7,535	6,628	4,908	--	3,398
1960.....	7,116	5,867	4,369	--	2,105
1965.....	6,892	5,543	3,432	--	1,513
1970.....	5,424	5,323	4,252	--	2,264
1975.....	7,841	6,391	5,001	3,415	2/
1976.....	7,816	6,570	3,804	3,651	--
1977.....	6,215	4,859	3,648	2,703	--
1978.....	7,293	5,575	3,734		
			Total All Positions		
1950.....	12,239	10,313	7,495	--	3,986
1960.....	10,238	8,354	5,374	--	2,475
1965.....	9,586	7,227	4,105	--	1,984
1970.....	9,012	7,391	5,286	--	2,568
1975.....	11,065	8,755	6,649	4,490	2/
1976.....	11,401	9,047	5,695	4,955	--
1977.....	8,997	7,123	5,346	3,835	--
1978.....	9,813	7,815	5,414		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Oats: On Farms, Off Farms, and Total, by Quarters, Utah 1950, 1960, 1965, 1970, 1975-78.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	2,020	1,606	918	--	344
1960.....	984	730	296	--	148
1965.....	953	824	580	--	245
1970.....	898	541	377	--	214
1975.....	582	408	255	109	2/
1976.....	479	287	185	82	--
1977.....	440	275	193	110	--
1978.....	403	317	173		
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	101	72	80	--	75
1965.....	169	216	174	--	100
1970.....	218	216	145	--	104
1975.....	125	105	88	91	2/
1976.....	144	225	115	108	--
1977.....	123	92	79	67	--
1978.....	139	116	216		
			Total All Positions		
1950.....	2,187	1,850	1,072	--	440
1960.....	1,085	802	376	--	223
1965.....	1,122	1,040	754	--	345
1970.....	1,116	757	522	--	318
1975.....	707	513	343	200	2/
1976.....	623	512	300	190	--
1977.....	563	367	272	177	--
1978.....	542	433	389		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Barley: On Farms, Off Farms, and Total by Quarters, Utah, 1950, 1960, 1965, 1975-78.

Year Beginning	October 1, Stocks	January 1, Stocks Following Year	April 1, Stocks Following Year	June 1, Stocks Following Year	July 1, Stocks Following Year
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1950.....	4,219	3,102	1,737	--	496
1960.....	4,923	3,197	1,598	--	895
1965.....	4,614	3,642	1,862	--	1,052
1970.....	5,939	3,795	2,062	--	577
1975.....	4,617	3,645	1,944	1,377	2/
1976.....	3,604	2,772	1,663	832	--
1977.....	3,416	2,795	1,677	745	--
1978.....	3,668	3,008	1,834		
			Off Farms 1/		
1950.....	1,642	974	690	--	523
1960.....	1,653	1,087	848	--	477
1965.....	2,754	2,135	1,007	--	375
1970.....	3,990	3,110	1,364	--	755
1975.....	3,029	2,200	1,410	1,091	2/
1976.....	4,290	3,265	1,566	1,418	--
1977.....	3,610	2,681	1,363	567	--
1978.....	3,701	3,117	1,707		
			Total All Positions		
1950.....	5,861	4,076	2,427	--	1,019
1960.....	6,576	4,284	2,446	--	1,372
1965.....	7,368	5,777	2,869	--	1,427
1970.....	9,929	6,905	3,426	--	1,332
1975.....	7,646	5,845	3,354	2,468	2/
1976.....	7,894	6,037	3,229	2,250	--
1977.....	7,026	5,476	3,040	1,312	--
1978.....	7,369	6,125	3,541		

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Date for beginning of crop year shifted from July 1 to June 1 in 1976.

Grain Stocks - Corn: On Farms, Off Farms, and Total by Quarters, Utah, 1951, 1961, 1966, 1970, 1975-79.

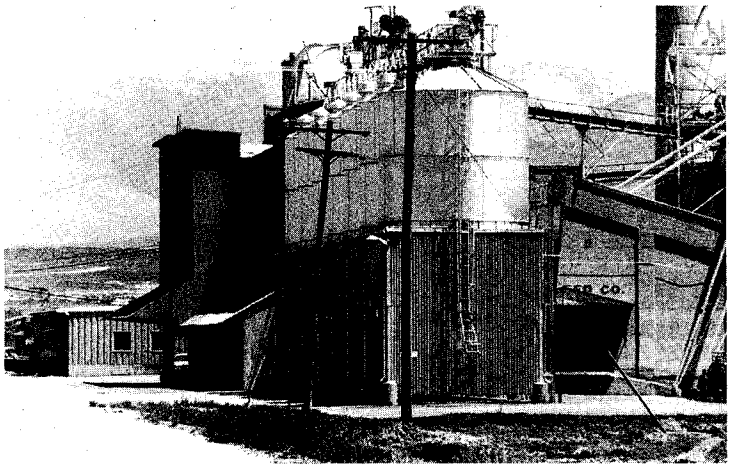
Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951....	88	50	--	4	2
1961....	111	50	--	8	2
1966....	135	63	--	11	7
1970....	1/	1/	--	1/	1/
1975....	437	224	--	112	56
1976....	542	284	168	4/	90
1977....	608	311	135	--	54
1978....	451	220	93	--	35
1979....	648	245			
			Off Farms 2/		
1951....	70	88	--	115	59
1961....	426	390	--	552	99
1966....	3/	3/	--	3/	113
1970....	345	236	--	208	68
1975....	380	315	--	174	137
1976....	255	265	222	4/	150
1977....	479	248	206	--	207
1978....	287	289	215	--	79
1979....	346	224			
			Total All Positions		
1951....	158	138	--	119	61
1961....	537	440	--	560	101
1966....	3/	3/	--	3/	120
1970....	345	236	--	208	68
1975....	817	539	--	286	193
1976....	797	549	390	4/	240
1977....	1,087	559	341	--	261
1978....	738	509	308	--	114
1979....	994	469			

1/ Estimate discontinued. 2/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 3/ Not published to avoid disclosure of individual operations. 4/ Midyear estimate changed from July 1 to June 1 in 1976.

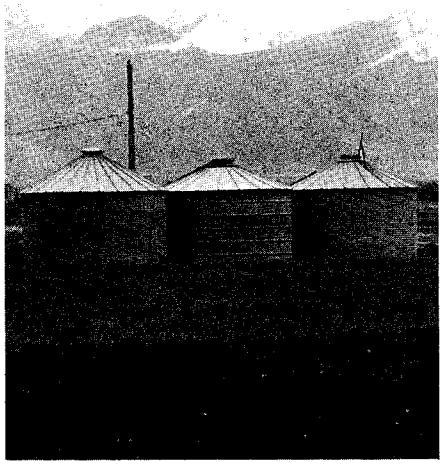
Grain Stocks - Sorghum: Off Farm and Total by Quarters, Utah, 1961, 1966, 1970, 1975-79.

Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			Off Farms 1/		
1961.....	2/	2/	--	1,558	2/
1966.....	272	2/	--	87	154
1970.....	142	146	--	247	298
1975.....	30	71	--	139	181
1976.....	73	22	51	3/	69
1977.....	158	2/	2/	--	28
1978.....	100	155	87	--	92
1979.....	70	71			

1/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. 2/ Not published to avoid disclosure of individual operations. 3/ Midyear estimate changed from July 1 to June 1 in 1976.



Cooperative feed storage is important to farmers.



On farm grain storage.

Fruits

Jack B. Goodwin, Agricultural Statistician

General: Fruit in Utah has a history dating back to the early pioneers. The acreage in fruit orchards reached a peak of about 20,000 acres in the mid-1940's. Since then the acreage has dropped to about 12,000 as a result of competition from other States and subdivisions taking orchard lands. Recently there has been some increase in apple and tart cherry plantings while apricot and pear tree numbers show a steady decline.

Commercial fruit production in the State includes apples, peaches, pears, sweet cherries, tart cherries, and apricots. Commercial apple growers have concentrated on four major varieties -- Delicious, Rome Beauty, Jonathan, and Golden Delicious -- with Delicious having over 50 percent of the total production in recent years. Most of Utah's fruit trees are concentrated in a narrow band along the benchlands of the Wasatch Mountains from Box Elder County on the north through Utah County on the south. The 1972 fruit tree count showed nearly two-thirds of the fruit trees in orchards of 25 or more trees located in Utah County and another 17 percent in Box Elder. Utah County has the most trees for each fruit except apricots which are concentrated most heavily in Box Elder and Weber. Other important fruit producing counties are Cache, Davis, and Washington.

Peaches, pears, and apricots in Utah are utilized primarily for fresh market although in some years smaller pears have been shipped to out-of-state processors and a few apricots have been used for nectar. Apples and sweet cherries are mainly grown for fresh market but substantial quantities of lower grade apples are processed for juice and one-fourth to a third of the sweet cherries are brined in normal production years. Nearly all tart cherries are processed -- frozen, canned, or juice -- with most frozen.

1978 Production: The 1978 season was mediocre for production of Utah fruit crops. Spring frost damage was very spotted resulting in some orchards having a good crop and others having very little or no production. Total fruit production, at 36,850 tons, was 25 percent less than in 1977 and the smallest since the extreme freeze losses in 1972. It was only two-thirds of the very heavy crop of 55,350 tons in 1973. The apple crop totaling 17,500 tons was 26 percent smaller than 1977 and smallest since 1972. Utilized production of peaches at 7,500 tons was 14 percent less than the 8,750 tons in 1977 and smallest since 1973. Sweet cherry utilized production dropped 36 percent from 1977 -- from 4,700 tons to 3,000 tons. Tart cherry production increased slightly--from 5,600 in 1977 to 5,650 tons in 1978 -- but was still well below the 8,500 tons in 1976. Pear production totaled 2,600 tons compared with 4,900 tons a year earlier. A total of 600 tons of apricots were harvested compared with 1,800 tons a year earlier. The summer was dry and warm and except for hail damage to late fruits in southern Box Elder County was favorable for development and harvest of fruit.

Total value of 1978 production, at $15.0 million, was 6 percent above 1977 and a record high. Record high average prices for all fruits more than offset the relatively small crops harvested.

Utah Fruit - Production and Value, 1966-1978.

Year	Apples	Peaches	Pears	Sweet Cherries	Tart Cherries	Apricots	Total
			Utilized Production - Tons				
1966.....	6,550	3,600	3,775	500	2,800	200	17,425
1967.....	10,450	6,500	4,130	3,200	7,100	1,425	32,805
1968.....	14,000	8,000	(6,300)	(7,700)	4,700	1,800	42,500
1969.....	21,000	7,500	5,500	3,300	6,200	(3,100)	46,600
1970.....	13,750	6,500	4,300	2,300	4,900	1,300	33,050
1971.....	12,500	6,500	4,200	4,600	6,700	2,500	37,000
1972.....	2,000	750	200	1/	650	0	3,600
1973.....	(26,350)	6,000	5,830	6,500	(8,500)	2,170	55,350
1974.....	18,500	8,000	3,200	5,000	5,800	550	41,050
1975.....	22,000	8,000	4,100	2,800	4,000	500	41,400
1976.....	20,000	(8,900)	5,300	6,000	(8,500)	1,840	50,540
1977.....	23,500	8,750	4,900	4,700	5,600	1,800	49,250
1978.....	17,500	7,500	2,600	3,000	5,650	600	36,850
Total of Record High Productions since 1966.....							(60,850)
			Value - $1,000				
1966.....	634	616	430	280	664	27	2,651
1967.....	1,120	772	496	1,194	2,237	180	5,999
1968.....	1,876	848	617	2,857	1,419	295	7,912
1969.....	1,701	834	506	1,076	995	397	5,509
1970.....	1,570	826	439	830	696	176	4,537
1971.....	1,785	845	365	1,118	1,072	350	5,535
1972.....	355	200	43	--	133	0	731
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,146	211	10,112
1975.....	2,772	2,144	603	1,165	760	193	7,637
1976.....	3,720	2,261	970	2,022	4,029	298	13,300
1977.....	4,982	2,205	1,176	2,167	3,203	448	14,181
1978.....	4,550	2,550	910	2,307	4,407	276	15,000

Note: Bracketed ( ) figures are record high production since 1960.
1/ The 1972 sweet cherry crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced, but production was too small to warrant a quantitative estimate.

Commercial Apples 1/: Production, Use, and Value, Utah, 1925, 1940, 1950, 1960, 1965, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	Dollars Per Bu.	1,000 $
1925 2/.....	1,300	--	1,300	--	--	1.13	1,469
1940.....	465	57	408	--	--	.83	339
1950.....	282	--	282	--	--	2.60	733
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents Per Lb.	1,000 $
1960.....	10.3	--	10.3	--	--	4.82	496
1965.....	15.7	--	15.7	--	--	4.01	630
1970.....	28.0	.5	27.5	21.3	6.2	5.71	1,570
1971.....	26.0	1.0	25.0	--	--	7.14	1,785
1972.....	4.0	--	4.0	4.0	0.0	8.88	355
1973.....	58.0	5.3	52.7	29.1	23.6	6.70	3,531
1974.....	37.0	--	37.0	34.0	3.0	9.40	3,478
1975.....	49.0	5.0	44.0	30.0	14.0	6.30	2,772
1976.....	40.0	--	40.0	34.0	6.0	9.30	3,720
1977.....	47.0	--	47.0	35.0	12.0	10.60	4,982
1978.....	35.0	--	35.0	3/	3/	13.00	4,550

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including orchards with more than 100 trees. 2/ Record high apple production. 3/ Available July 5, 1979.

Commercial Apples: Production by Varieties, Utah, 1975-78.

Variety	1975	1976		1977		1978	
	Million Pounds	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan.....	7.4	8.0	20.0	7.5	16.0	5.0	14.3
Delicious.....	27.0	22.4	56.0	27.3	58.1	19.0	54.3
Golden Delicious	3.4	2.8	7.0	4.6	9.8	2.5	7.1
Rome Beauty...	10.3	5.6	14.0	6.6	14.0	7.0	20.0
Other.....	0.9	1.2	3.0	1.0	2.1	1.5	4.3
Total.....	49.0	40.0	100.0	47.0	100.0	35.0	100.0

Peaches: Production, Use, and Value, 1922, 1940, 1950, 1960, 1965, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	Dollars per Bu.	1,000 $
1922 1/.....	921	--	921	--	--	1.25	1,151
1940.....	738	--	738	--	--	.80	590
1950.....	112	--	112	--	--	3.85	431
	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Million Lbs.	Cents per Lb.	1,000 $
1960.....	8.6	--	8.6	--	--	6.82	587
1965.....	2.4	--	2.4	--	--	7.87	189
1970.....	13.0	--	13.0	13.0	0	6.35	826
1971.....	13.0	--	13.0	13.0	0	6.5	845
1972.....	1.5	--	1.5	1.5	0	13.3	200
1973.....	12.0	--	12.0	12.0	0	12.6	1,512
1974.....	16.0	--	16.0	16.0	0	12.1	1,936
1975.....	16.0	--	16.0	16.0	0	13.4	2,144
1976.....	18.0	0.2	17.8	17.8	0	12.7	2,261
1977.....	18.0	0.5	17.5	17.5	0	12.6	2,205
1978.....	15.0	--	15.0	15.0	0	17.0	2,550

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, 1940, 1950, 1954, 1960, 1965, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	1,000 Bu.	Dollars per Bu.	1,000 $
1940.....	181	--	181	--	--	.95	172
1950.....	35	--	35	--	--	3.60	126
1954 1/.....	350	--	350	--	--	2.15	752
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1960.....	4,380	200	4,180	--	--	108.00	451
1965.....	1,250	25	1,225	--	--	106.00	130
1970.....	4,300	--	4,300	--	--	102.00	439
1971.....	4,620	420	4,200	--	--	87.00	365
1972.....	200	--	200	200	0	214.00	43
1973.....	5,830	--	5,830	2/	2/	107.00	624
1974.....	3,200	--	3,200	3,200	0	202.00	646
1975.....	4,900	800	4,100	4,100	0	147.00	603
1976.....	5,300	--	5,300	5,300	0	183.00	970
1977.....	5,000	100	4,900	4,900	0	240.00	1,176
1978.....	2,600	--	2,600	2,600	0	350.00	910

1/ Record high pear production. 2/ Some processed but not published in order to avoid disclosure of individual operations.

Sweet Cherries: Production, Use and Value, Utah, 1940, 1950, 1960, 1965, 1968, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	3,100	--	3,100	--	--	80.00	248
1950.....	440	--	440	--	--	282.00	124
1960.....	1,200	--	1,200	--	--	407.00	488
1965.....	990	--	990	--	--	655.00	648
1968 1/.....	7,700	--	7,700	--	--	371.00	2,857
1970.....	2,300	--	2,300	2,030	270	361.00	830
1971.....	4,600	--	4,600	3,290	1,310	243.00	1,118
1972.....	2/	--	2/	--	--	--	--
1973.....	6,500	--	6,500	4,924	1,576	313.00	2,035
1974.....	5,000	--	5,000	3,500	1,500	339.00	1,695
1975.....	2,800	--	2,800	2,390	410	416.00	1,165
1976.....	6,000	--	6,000	4,320	1,680	337.00	2,022
1977.....	5,800	1,100	4,700	3,400	1,300	461.00	2,167
1978.....	3,000	--	3,000	1,700	1,300	769.00	2,307

1/ Record high sweet cherry production. 2/ The 1972 crop was nearly a complete failure due to spring freezes. A few sweet cherries were produced but production was too small to warrant a quantitative estimate.

Tart Cherries: Production, Use and Value, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars per Ton	1,000 $
1940.....	2,300	--	2,300	--	--	44.00	101
1950.....	800	--	800	--	--	177.00	142
1960.....	2,800	--	2,800	--	--	139.00	389
1965.....	3,700	200	3,500	--	--	102.00	357
1970.....	4,900	--	4,900	400	4,500	142.00	696
1971.....	6,700	--	6,700	400	6,300	160.00	1,072
1972.....	650	--	650	100	550	204.00	133
1973 1/.....	8,500	--	8,500	--	--	334.00	2,839
1974.....	5,800	--	5,800	50	5,750	370.00	2,146
1975.....	4,000	--	4,000	50	3,950	190.00	760
1976 1/.....	8,500	--	8,500	2/	2/	474.00	4,029
1977.....	5,600	--	5,600	300	5,300	572.00	3,203
1978.....	5,650	--	5,650	50	5,600	780.00	4,407

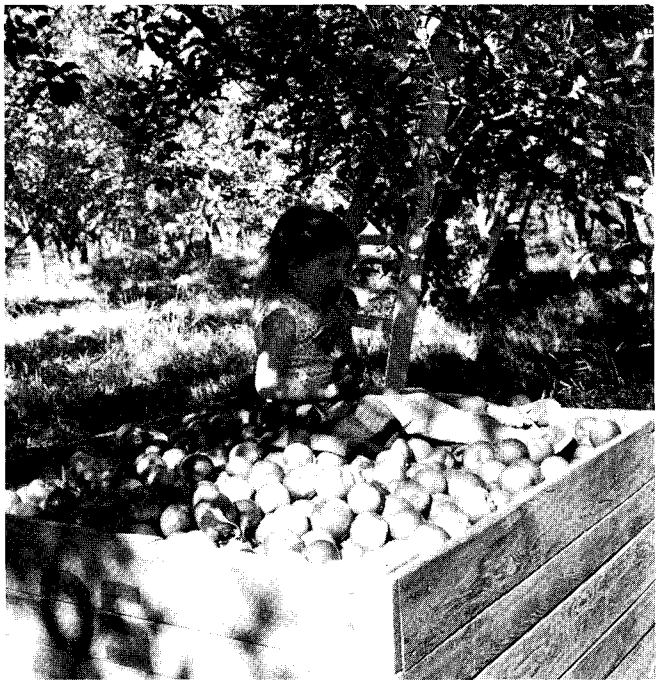
1/ Record high tart cherry production. 2/ Not published - mostly processed.

Apricots: Production, Use, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-78.

Year	Production			Utilization		Average Price	Value of Utilized Production
	Total	Not Utilized	Utilized	Fresh	Processed		
	Tons	Tons	Tons	Tons	Tons	Dollars Per Ton	1,000 $
1940.....	7,800	--	7,800	--	--	27.20	212
1950.....	400	--	400	--	--	180.00	72
1957 1/.....	11,000	1,000	10,000	--	--	62.10	621
1960.....	2,500	--	2,500	--	--	96.60	242
1965.....	200	--	200	--	--	121.00	24
1970.....	1,300	--	1,300	1,300	0	135.00	176
1971.....	2,800	300	2,500	2,500	0	140.00	350
1972 2/.....	0	--	0	--	--	--	0
1973.....	2,300	130	2,170	3/2,170	0	145.00	315
1974.....	550	--	550	550	0	384.00	211
1975.....	500	--	500	3/500	0	385.00	193
1976.....	2,000	160	1,840	3/1,840	0	162.00	298
1977.....	1,800	--	1,800	3/1,800	0	249.00	448
1978.....	600	--	600	600	0	460.00	276

1/ Record high apricot production. 2/ Completely frozen in the spring.
3/ Small quantities processed are included in "fresh" to avoid disclosure of individual operations.

Apples being harvested in Utah County.



Utah apples are enjoyed by all.

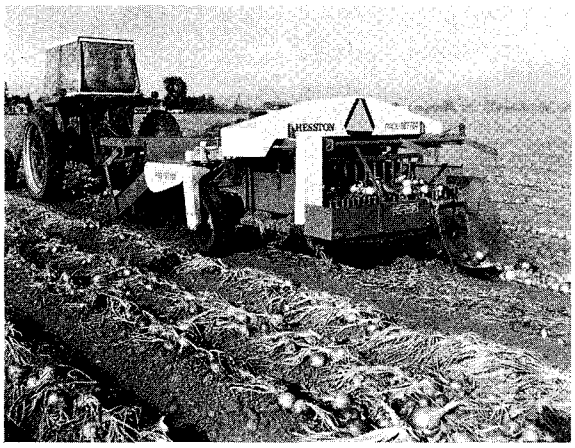
Vegetables

Thomas E. Kurtz, Agricultural Statistician

In the mid-1950's, Utah growers produced eight vegetables for commercial fresh shipment in sufficient volume to be included in U.S.D.A. estimates. Since that time, production of seven dropped to such a low level that estimates were discontinued. Onions, the only fresh market crop remaining, have experienced an increase in acreage in recent years, while the other seven--cabbage, cantaloupes, carrots, celery, lettuce, strawberries, and fresh tomatoes--are grown only on a limited basis for local consumption.

Onion production increased 26 percent in 1978 because of an increase in both acreage and yield. Total production in 1978 was 720,000 cwt. compared with 570,000 in 1977 and it was the largest of record. Acreage harvested in 1978 totaled 2,000 acres, which was 300 larger than in 1977 and was only 400 less than the record in 1944. Yield per acre, at 360 cwt., compared with 335 cwt. in 1977 and was largest since 1972. Weather was generally favorable for growing and harvesting the 1977 crop. Prices averaged $9.00 per cwt. which compared with the 1977 crop average of $4.63 and the record high $9.09 for the 1975 crop. Total value of sales from the 1978 onion crop sales was $5,247,000--a record high by a substantial margin. Davis County accounted for about two-thirds of the 1978 onion acreage with Box Elder accounting for most of the balance. A few were grown in Weber and Salt Lake Counties.

Production of vegetables for commercial processing in Utah has declined sharply during the past 35 years. There were 4,750 acres of vegetables harvested for commercial processing in 1978 which was a little more than the 4,670 in 1977--the smallest in many years. This was about one-sixth the record high level in 1942 of 28,230 acres. The value of 1978 production was $1,601,000--5 percent less than 1977. Tomatoes, sweet corn, green peas, and snap beans were the vegetables grown for processing during 1978. In earlier years, green lima beans, table beets and cucumbers for pickles were also grown for processing in the State. Most of the acreage grown in 1978 was in Box Elder, Cache, Weber, and Davis Counties.



Onions are a major crop, grown primarily along the Wasatch Front.

Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, 1940, 1944, 1950, 1960, 1965, 1970-78.

Year	Acreage		Yield per Acre	Production	Quantity not Sold 1/	Sales	Value of Sales		Stocks Following Jan. 1
	Planted	Harvested					Per Cwt.	Total	
	Acres	Acres	Cwt.	1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Cwt.
1940....	--	1,100	200	220	38	182	.50	91	60
1944 2/.	--	2,400	220	528	51	477	1.80	859	258
1950....	1,150	1,100	270	297	83	214	1.80	385	151
1960....	750	700	325	228	63	165	2.80	462	112
1965....	750	700	350	245	65	180	2.10	378	84
1970....	1,000	1,000	300	300	55	245	2.75	674	113
1971....	1,000	950	230	219	44	175	4.24	742	89
1972....	1,100	1,000	370	370	59	311	6.16	1,916	111
1973....	1,200	1,100	220	242	36	206	5.54	1,141	91
1974....	1,400	1,300	300	390	59	331	3.85	1,274	130
1975....	1,400	1,300	290	377	63	314	9.09	2,854	124
1976....	1,600	1,500	300	450	63	387	6.68	2,585	123
1977....	1,800	1,700	335	570	103	467	4.63	2,162	147
1978....	2,100	2,000	360	720	137	583	9.00	5,247	245

1/ Includes shrinkage, waste, and cullage. 2/ Record high acreage of onions.

Vegetables for Processing 1/: Acreage, Production, and Value, Utah, 1940, 1942, 1950, 1960, 1965, 1970-78.

Year	Acreage		Production	Value
	Planted	Harvested		Total
	Acres	Acres	Tons	1,000 Dollars
1940.....	--	22,460	83,900	1,526
1942 2/.....	--	28,230	116,600	3,071
1950.....	--	24,870	103,000	3,139
1960.....	12,770	11,080	72,040	2,235
1965.....	10,520	9,320	44,440	1,986
1970.....	9,000	8,300	45,900	1,981
1971.....	8,300	7,900	40,100	1,838
1972.....	6,100	5,900	36,650	1,698
1973.....	5,680	5,430	19,200	1,012
1974.....	6,240	5,840	20,400	2,168
1975.....	6,310	6,260	25,900	2,497
1976.....	5,560	5,260	23,400	2,066
1977.....	5,070	4,670	16,850	1,680
1978.....	4,950	4,750	17,350	1,601

1/ Includes tomatoes, green peas, sweet corn, snap beans, green lima beans, table beets, cucumbers for pickles. 2/ Record high acreage harvested of vegetables for processing.

Cattle

Thomas E. Kurtz, Agricultural Statistician

Cash receipts from the sale of cattle and calves by Utah farmers and ranchers during 1978 totaled $161,800,000, up 70 percent from 1977 and 47 percent above the previous high in 1973. Cattle cash receipts ranked first in the State in 1976, 1977, and 1978 after following receipts from milk sales for two years. Cattle and calves accounted for 37.2 percent of the total cash receipts for all agricultural products sold during 1978 compared with 26.1 percent in 1977. The relative importance of cattle and calf sales increased substantially from 1950 to 1972--from 25 percent of the total receipts from all crops and livestock in 1950 to 38 percent in 1972. A sharp drop to 22 percent in 1974 occurred as cattle and calf prices tumbled. There was some recovery in cash receipts from 1975 to 1977 and then the sharp rise in 1978.

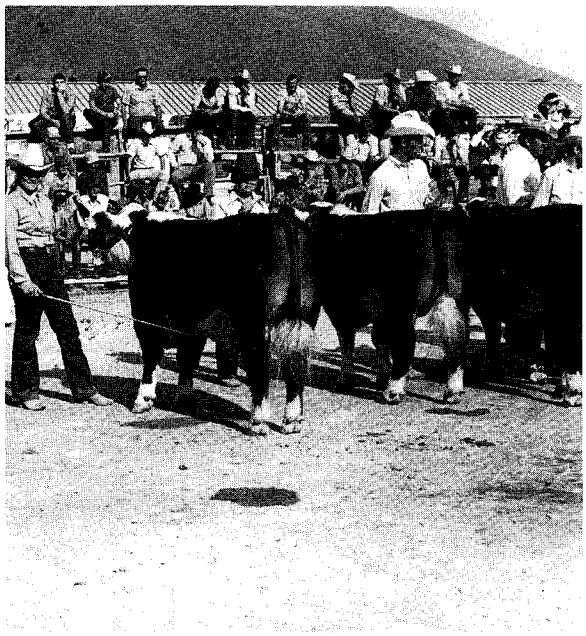
The cattle industry in Utah is important in most areas in the livelihood of the State's inhabitants. With only 4.1 percent of the State's area in cropland, there are vast desert areas; canyonlands; and mountain forests which can be used only for grazing livestock. Most farms and ranches producing cattle are cow-calf operations where breeding stock are maintained from year-to-year. Calves are weaned at 6 to 8 months and sold immediately or sold when yearlings, as stockers or feeders.

Cattle are important in all counties in the State, but greatest concentrations are in the north central, central, and Uintah Basin areas. Counties with largest cattle numbers in the 1974 U. S. Census of Agriculture were Box Elder, Millard, Utah, Cache, Uintah, Duchesne, Sanpete, and Rich.

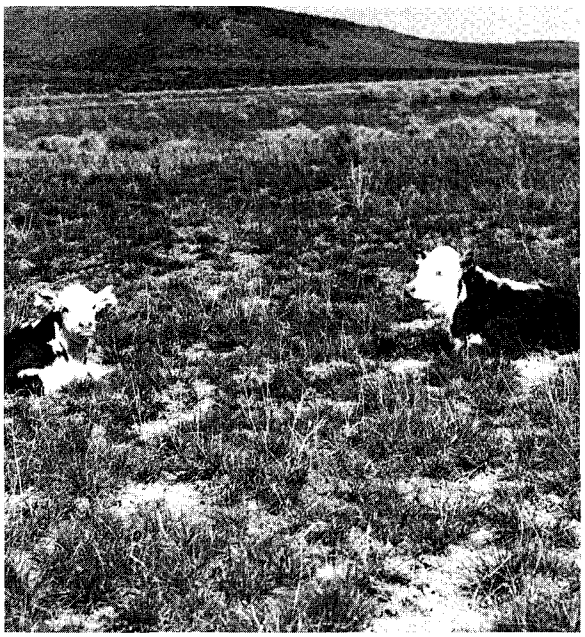
Cattle Inventory January 1, 1979: There were 810,000 head of cattle and calves in Utah on January 1, 1979--the smallest number since 1970. This was 6 percent less than a year earlier and 13 percent under the record high 927,000 for January 1 in 1976. The decline was primarily in beef stock. All cows and heifers that have calved totaled 389,000 head, 2 percent below a year earlier and 12 percent below the 1976 peak. Beef cows declined 3 percent to 312,000 head while milk cow numbers increased 1,000 head to 77,000 total. Heifers, 500 pounds and over amounted to 113,000 head down 12,000 head or 10 percent. There were 43,000 heifers for beef cow replacements which was 1,000 less than a year earlier; 37,000 for milk cow replacements, down 4,000 head; and 33,000 other heifers which was down 7,000 head. Steers, 500 pounds and over, at 79,000 and bulls, 500 pounds and over at 18,000 were unchanged from a year earlier. The number of steers, heifers, and bulls, under 500 pounds dropped 14 percent and totaled 211,000 head.

January 1, 1979 cattle numbers were still nearly double the number 39 years earlier on January 1, 1940--810,000 against 432,000. During that 39 year period, milk cow numbers declined about one-fourth while beef cows nearly tripled. Beef heifers, steers, and calves also increased greatly during that period. The big increase in beef cattle production was the result of several changes in the State's agriculture--from sheep to beef, from dairy to beef, and from intensive row crops to feed crops and beef.

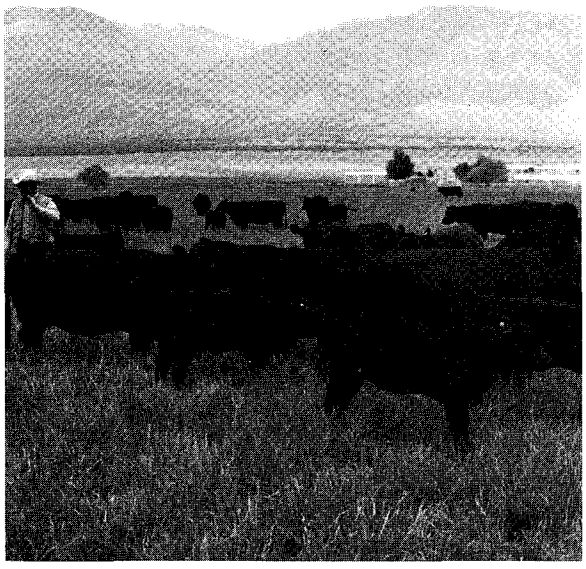
Cattle on Feed January 1, 1979: The number of cattle on feed for slaughter market in Utah on January 1, 1979 totaled 55,000 head. This was 7,000 head less than a year earlier and was 3,000 below the 1970-78 average. There are also some warm-up type feeding operations in the State. After putting on the cheaper gains, these "warm-up" feeders ship their cattle to other feed lots in Utah or to other States for finishing. These are not included in the above numbers of "cattle on feed". Most cattle feed lots in Utah are located in northcentral or central counties.



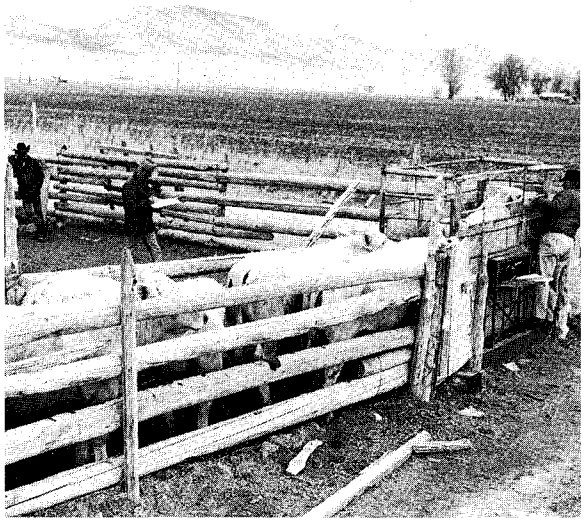
Livestock shows help to increase the quality of cattle herds.



Cow-calf operations are a major part of the cattle industry.



Cattle grazing in valley pastures.



Checking weight gains on charolais bulls.

All Cattle: Number of Cattle Farms 1965, 1970-78 and Number and Value of Cattle on Farms, Utah, January 1, 1940, 1950, 1960, 1965, 1970-79.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value Per Head	Value Total	On Feed For Market
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	588	126.00	74,088	40
1960.....	--	--	719	136.00	97,784	61
1965.....	11,700	6,200	755	116.00	87,580	66
1970.....	10,000	3,800	808	185.00	149,480	57
1971.....	9,900	3,200	832	195.00	162,240	68
1972.....	9,700	2,800	832	210.00	174,720	55
1973.....	9,600	2,600	824	255.00	210,120	53
1974.....	10,100	2,800	832	305.00	253,760	58
1975.....	10,000	2,800	900	160.00	144,000	52
1976 1/....	10,000	2,700	927	200.00	185,400	60
1977.....	10,000	2,700	880	210.00	184,800	60
1978.....	10,000	2,600	864	230.00	198,720	62
1979.....	--	--	810	405.00	328,050	55

1/ Record high January 1 Inventory.

Calf Crop: Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Cows and Heifers 2 Yrs. & Older January 1	Cows that Have Calved on Hand January 1	Calves Born	Calves Born as Percent of Cows and Heifers 2+ January 1 1/a/	Calves Born as Percent of Cows Calved January 1 1/b/
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940.....	218	--	174	80	--
1950.....	302	--	263	87	--
1960.....	360	--	317	88	--
1965.....	390	--	351	90	--
1970.....	424	392	372	88	95
1971.....	--	411	378	--	92
1972.....	--	410	378	--	92
1973.....	--	403	350	--	87
1974.....	--	403	380	--	94
1975.....	--	428	390	--	91
1976.....	--	441	374	--	85
1977.....	--	414	373	--	90
1978.....	--	397	350	--	88

1/ Not strictly a calving rate. Figure represents calves born expressed as percentage of the number of a/ cows and heifers 2 years old and over on farms and ranches January 1, b/ cows that have calved on hand January 1.

Cattle: Inventory by Classes and Age, Utah, January 1, 1940, 1950, 1960, 1965-70.

Year	All Cattle and Calves	For Milk			Beef Cattle				
		Cows and Heifers 2 Yrs. +	Heifers 1-2 Yrs.	Heifer Calves	Cows 2 Yrs. +	Heifers 1-2 Yrs.	Calves	Steers 1 Yr. +	Bulls 1 Yr. +
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	432	103	25	32	115	34	77	37	9
1950.....	588	108	25	32	194	62	101	54	12
1960.....	719	108	31	35	252	65	154	65	9
1965.....	755	89	24	28	301	72	172	57	12
1966.....	755	85	24	28	310	58	182	55	13
1967.....	747	83	24	26	310	65	171	55	13
1968.....	762	81	23	26	319	68	174	58	13
1969.....	777	82	24	26	325	66	183	57	14
1970 1/..	808	82	25	28	342	69	188	59	15

1/ Beginning with January 1, 1971, the classification estimates for cattle were changed from sex and age to sex and weight--See Table below.

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-79.

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Pounds and Over				Steers 500 lbs & Over	Bulls 500 lbs & Over	Steers, Heifers & Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Beef Cow Replacements	Milk Cow Replacements	Other	Total			
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1970....	808	392	316	76	52	44	26	122	75	17	202
1971....	832	411	331	80	55	45	25	125	72	17	207
1972....	832	410	331	79	53	43	26	122	73	17	210
1973....	824	403	328	75	50	41	25	116	76	17	212
1974....	832	403	328	75	58	38	26	122	83	17	207
1975....	900	428	349	79	65	37	36	138	81	18	235
1976....	927	441	362	79	65	37	35	137	82	19	248
1977....	880	414	335	79	53	39	44	136	77	18	235
1978....	864	397	321	76	44	41	40	125	79	18	245
1979....	810	389	312	77	43	37	33	113	79	18	211

Cattle and Calves: Inventory, Supply, and Disposition, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Inventory Beginning of Year	Calf Crop	Inshipments	Marketings 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Cattle	Calves	Cattle & Calves	Cattle	Calves	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	432	174	25	101	45	11	8	12	454
1950....	588	263	41	139	98	12	16	15	612
1960....	719	317	54	234	111	11	14	22	698
1965....	755	351	36	225	117	11	14	20	755
1970....	808	372	50	213	140	4	17	24	832
1971....	832	378	42	235	137	3	14	31	832
1972....	832	378	42	239	137	4	15	33	824
1973....	824	350	47	223	102	4	20	40	832
1974....	832	380	45	194	105	5	18	35	900
1975....	900	390	60	262	111	4	16	30	927
1976....	927	374	50	299	121	6	15	30	880
1977....	880	373	50	266	106	7	15	45	864
1978....	864	350	50	269	126	4	20	35	810

1/ Includes custom slaughter for use on farms where produced, state outshipments, but excludes interfarm sales within the State.
2/ Excludes custom slaughter at commercial establishments.

Cattle and Calves: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Production 1/	Marketings 2/	Average Price per 100 lbs.		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Cattle	Calves					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	105,545	103,170	6.80	8.90	--	7,478	198	7,676	1,468
1950...	157,125	158,135	23.20	26.80	—	38,794	850	39,644	7,827
1960...	217,665	257,715	18.40	23.40	41,993	49,373	1,172	50,545	8,249
1965...	234,025	251,735	16.90	21.50	41,563	44,576	1,293	45,869	5,249
1970...	256,121	259,978	25.60	34.20	70,803	71,552	2,189	73,741	--
1971...	250,655	281,845	27.40	35.70	73,622	82,154	2,124	84,278	--
1972...	259,080	276,875	32.00	44.10	89,920	95,152	2,756	97,908	--
1973...	243,380	258,255	40.30	53.90	103,727	109,819	3,454	113,273	--
1974...	239,080	225,562	31.20	33.70	75,813	71,386	3,008	74,394	--
1975...	267,720	281,034	27.10	27.20	72,597	76,200	1,954	78,154	--
1976...	265,810	318,686	29.80	35.10	81,242	97,177	4,295	101,472	--
1977...	246,220	285,458	32.60	37.60	82,362	94,943	3,750	98,693	--
1978...	276,710	329,450	47.60	58.70	135,497	161,800	3,074	164,874	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipts from marketings of live cattle and sale of farm slaughter.

Commercial Cattle Slaughter: Number and Liveweight, Utah, Annual, 1944, 1950, 1960, 1965, 1970-78 and Monthly 1977-78.

Year	Cattle			Calves			Total	
	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Weight Per Head	Total Live Weight	Number 1/	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 2/....	102.9	--	--	42.5	--	--	--	--
1950.....	108.5	965	104,762	21.7	275	5,966	130.2	110,728
1960.....	212.2	994	210,924	12.7	316	4,008	224.9	214,932
1965.....	293.6	1,011	296,797	6.8	349	2,376	300.4	299,173
1970.....	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184
1971.....	269.8	1,037	279,852	3.1	397	1,232	272.9	281,084
1972.....	265.5	1,106	293,530	2.0	419	838	267.5	294,368
1973.....	239.1	1,110	265,376	0.3	433	130	239.4	265,506
1974.....	267.8	1,092	292,470	1.0	412	412	268.8	292,882
1975.....	301.1	1,060	319,203	2.6	356	925	303.7	320,128
1976.....	280.6	1,077	302,332	2.2	350	771	282.8	303,103
1977.....	268.1	1,030	276,233	1.9	311	581	270.0	276,814
1978.....	217.0	1,057	229,469	.7	331	236	217.7	229,705
1977								
Jan.	23.1	1,023	23,653	.1	400	54	23.2	23,707
Feb.	23.9	1,065	25,462	.1	357	45	24.0	25,507
Mar.	26.6	1,065	28,353	.1	349	39	26.7	28,392
Apr.	20.9	1,034	21,652	.2	317	50	21.1	21,702
May	21.1	1,021	21,537	.1	314	39	21.2	21,576
June	21.3	1,037	22,067	.1	275	41	21.4	22,108
July	19.0	1,028	19,568	.1	275	40	19.1	19,608
Aug.	23.7	1,037	24,615	.2	279	48	23.9	24,663
Sep.	23.0	1,032	23,703	.1	319	40	23.1	23,743
Oct.	22.0	991	21,808	.2	288	62	22.2	21,870
Nov.	22.4	994	22,230	.3	298	87	22.7	22,317
Dec.	21.0	1,026	21,584	.1	318	36	21.1	21,620
1978								
Jan.	23.2	1,044	24,160	.1	326	27	23.3	24,187
Feb.	19.6	1,032	20,223	.1	360	24	19.7	20,247
Mar.	21.5	1,037	22,245	.1	358	23	21.6	22,268
Apr.	16.8	1,037	17,431	.1	322	31	16.9	17,462
May	16.5	1,033	17,084	--	--	--	16.5	17,084
June	16.4	1,028	16,893	.1	353	19	16.5	16,912
July	15.1	1,062	16,088	--	--	--	15.1	16,088
Aug.	19.4	1,090	21,188	.1	271	17	19.5	21,205
Sep.	17.5	1,079	18,897	.1	313	16	17.6	18,913
Oct.	18.3	1,097	20,041	.1	342	24	18.4	20,065
Nov.	17.8	1,084	19,297	.1	331	24	17.9	19,321
Dec.	14.9	1,072	15,922	--	--	--	14.9	15,922

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record.

Sheep & Wool

James E. Brewster, Agriculture Statistician

Sheep numbers continued to decline during 1978 but the rate of decline seems to be slowing. Cash receipts from sheep and wool during 1978 totaled $20.8 million--following cattle, milk, hay, and turkeys. The value of sheep and lamb marketings at $17.5 million was up slightly with higher prices more than offsetting a drop in the pounds marketed. The value of wool sales at $3.3 million declined moderately with a smaller wool crop more than offsetting higher prices.

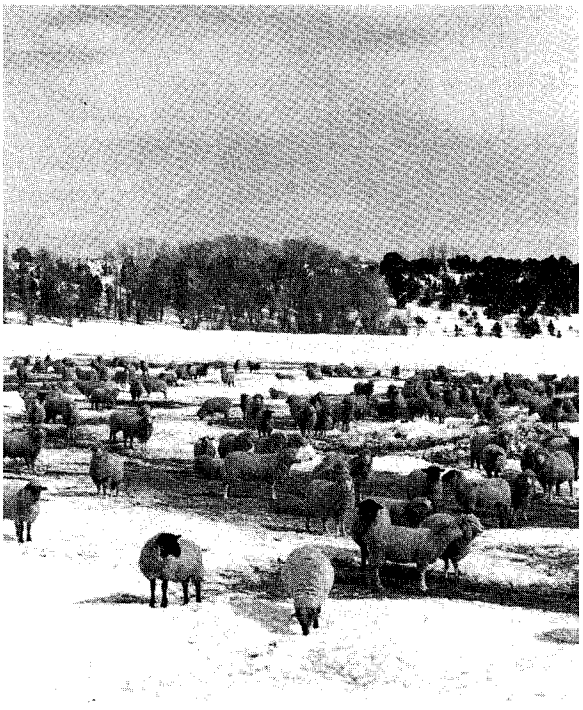
There are quite a few farm flocks in Utah, but most sheep in the State are in range sheep operations. A substantial portion of these range sheep operations are headquartered in the central portion of the State. Most of the large sheep ranches rely heavily on public domain for grazing and move their sheep considerable distances during the year. As the spring season progresses and feed starts to grow, sheep are gradually moved to higher elevations and spend the summer months on the high mountain ranges. As winter approaches, sheep are moved from their summer ranges to lower elevations and during the winter many are grazed on desert ranges.

Sheep have always been an important agricultural industry in the State. Utah reached its peak number of stock sheep in 1901 with 2,882,000 head. Stock sheep numbers then gradually declined to 2,068,000 head in 1915 when the downward trend reversed and sheep numbers began to climb because of increased prices of wool and lambs. In 1931 stock sheep numbers approached the 1901 record high with 2,775,000 head. The droughts and the great depression of the 1930's started a downward trend in sheep numbers, and it has continued to the present time. The State's 462,000 stock sheep on January 1, 1978 were about one-sixth of the 1901 and 1931 peak numbers. Utah is the fifth ranking State in stock sheep numbers.

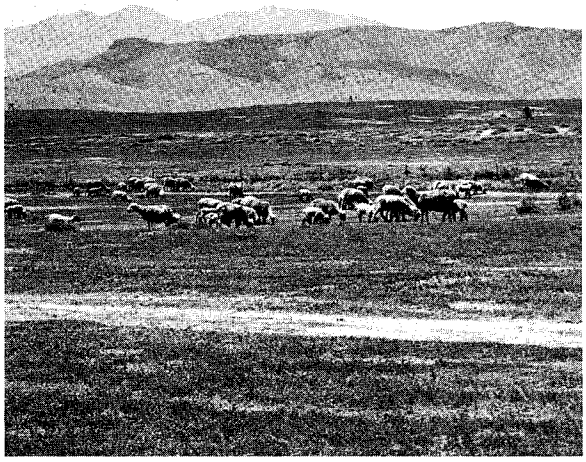
Inventory, January 1, 1979: The January 1, 1979 all-sheep inventory for Utah, at 486,000 head, was down 1 percent from a year earlier and the smallest in 100 years. The reduction occurred in stock sheep--from 470,000 to 462,000--while lambs on feed increased from 21,000 to 24,000. Among stock sheep, the number of ewes one year old and over, at 388,000 was down 3 percent while ewe lambs, at 59,000 were up 11 percent. Wethers and rams--essentially all rams--of all ages totaled 15,000 head compared with 16,000 on January 1, 1978.

Wool Production, 1978: The 1978 wool crop from Utah was estimated at 4,770,000 pounds, grease basis. This was 15 percent less than the 1977 clip and the smallest since estimates started in 1909. The number of sheep shorn in 1978 totaled 465,000 compared with 539,000 in 1977. Weight per fleece at 10.3 pounds compared with 10.4 a year earlier. Prices received by sheepmen for wool sold in 1978 averaged 70 cents a pound, grease basis, compared with 64 cents in 1977. The U.S.D.A. wool incentive payment will be enough to bring the U.S. average market price up from 74.5 cents a pound to a support price of $1.08 per pound. Thus the payment rates for 1978 marketings are 45.0 percent of net sales proceeds for shorn wool.

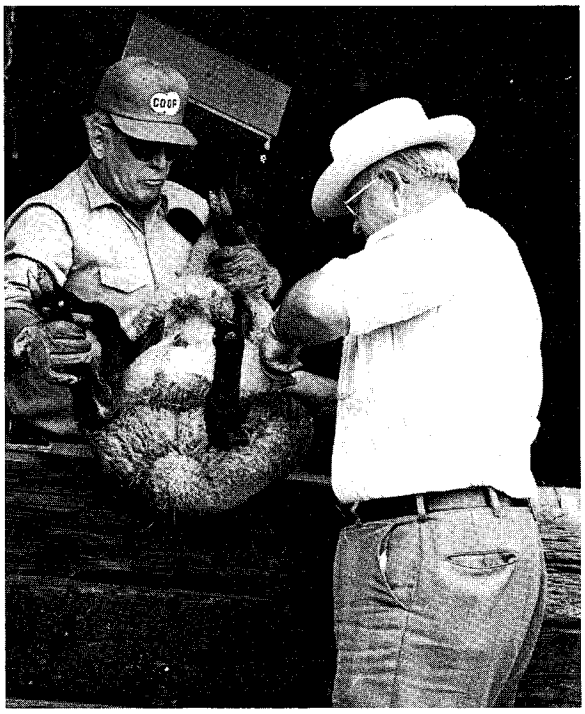
Many purebreed sheep operations have lambing facilities for their flock.



Sheep on Utah's winter range.



Mountain valleys supply feed for sheep herds.



Vaccinating lambs in the spring.

Sheep: Number of Sheep Farms, 1965, 1970-78; and Number and Value of Sheep on Farms, Utah, January 1, 1901, 1931, 1940, 1950, 1960, 1965, 1970-79.

Year	Farms with Sheep	Sheep on Farms January 1						
		All Sheep			Stock Sheep			Lambs on Feed
		Number	Value		Number	Farm Value		
			Per Head	Total		Per Head	Total	
		1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head
1901 1/.	--	--	--	--	2,882	2.70	7,781	--
1931 2/.	--	2,935	--	18,784	2,775	6.50	18,048	160
1940....	--	2,248	--	15,895	2,095	7.20	15,038	153
1950....	--	1,329	--	27,028	1,269	20.40	25,888	60
1960....	--	1,336	--	24,461	1,249	18.40	22,982	87
1965....	3,400	1,092	--	20,440	1,028	18.70	19,224	64
1970....	3,000	1,053	--	33,998	978	32.50	31,785	75
1971....	3,000	1,009	31.00	31,279	929	--	--	80
1972....	3,000	976	26.50	25,864	891	--	--	85
1973....	2,800	905	32.50	29,413	820	--	--	85
1974....	2,600	772	39.50	30,494	722	--	--	50
1975....	2,500	697	38.50	26,835	660	--	--	37
1976....	2,400	590	42.50	25,075	568	--	--	22
1977....	2,300	580	51.00	29,580	560	--	--	20
1978....	2,300	491	62.00	30,442	470	--	--	21
1979....	--	486	84.00	40,824	462	--	--	24

1/ Record high January 1 Stock Sheep Inventory. 2/ Record high January 1 All Sheep Inventory.

Stock Sheep: Inventory by Classes, Utah, January 1, 1940, 1950, 1960, 1965, 1970-79.

Year	All Stock Sheep	Lambs		Sheep One Year and Over			
		Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940....	2,095	310	23	1,706	54	2	56
1950....	1,269	165	5	1,066	32	1	33
1960....	1,249	144	6	1,065	33	1	34
1965....	1,028	119	6	876	26	1	27
1970....	978	125	7	821	24	1	25
1971....	929	117	8	780	23	1	24
1972....	891	102	8	758	--	--	23
1973....	820	77	9	713	--	--	21
1974....	722	83	5	615	--	--	19
1975....	660	79	6	558	--	--	17
1976....	568	68	5	481	--	--	14
1977....	560	65	6	475	--	--	14
1978....	470	53	5	401	--	--	11
1979....	462	59	5	388	--	--	10

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, 1931, 1940, 1950, 1960, 1965, 1970-78.

Year	Inventory Beginning of Year	Lambs Saved	Inshipments	Marketing 1/		Farm Slaughter 2/	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1931 3/.	2,935	1,560	69	156	1,049	40	300	174	2,845
1940....	2,248	1,365	40	127	894	38	236	110	2,248
1950....	1,329	895	92	39	668	22	125	70	1,392
1960....	1,336	927	54	59	759	21	125	76	1,277
1965....	1,092	745	5	5	548	18	102	69	1,100
1970....	1,053	780	100	74	646	25	94	85	1,009
1971....	1,009	710	70	51	578	12	92	80	976
1972....	976	713	65	72	593	13	82	89	905
1973....	905	635	60	99	551	9	84	85	772
1974....	772	578	50	75	462	6	72	88	697
1975....	697	502	41	76	400	10	86	78	590
1976....	590	433	35	13	319	8	64	74	580
1977....	580	428	30	91	323	5	50	78	491
1978....	491	377	30	23	273	6	50	60	486

1/ Includes custom slaughter for use on farms where produced, state outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Sheep and Lambs: Production and Income, Utah, 1931, 1940, 1950, 1960, 1965, 1970-78.

Year	Production 1/	Marketing 2/	Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income	Cost of Inshipments
			Sheep	Lambs					
	1,000 Pounds	1,000 Pounds	Dollars	Dollars	1,000 $	1,000 $	1,000 $	1,000 $	1,000 $
1931 4/.	82,830	90,122	3.55	5.10	--	4,372	126	4,498	255
1940....	75,523	76,550	3.35	7.50	--	5,201	147	5,348	234
1950....	56,611	56,624	10.60	24.90	--	13,535	278	13,813	1,749
1960....	62,307	71,459	5.30	17.00	10,352	11,367	191	11,558	574
1965....	52,519	49,957	5.90	22.80	11,476	11,305	232	11,537	79
1970....	60,909	73,550	7.10	25.40	15,009	16,992	608	17,600	--
1971....	57,745	63,960	5.50	23.70	12,755	14,004	283	14,287	--
1972....	53,105	65,120	6.20	27.70	14,113	16,105	369	16,474	--
1973....	45,942	67,265	12.40	31.90	15,033	19,045	321	19,366	--
1974....	41,520	54,507	11.50	34.90	14,341	16,834	217	17,051	--
1975....	33,201	49,290	10.10	40.90	14,161	17,234	410	17,644	--
1976....	30,493	33,375	10.90	43.70	13,004	14,052	325	14,377	--
1977....	29,827	43,585	10.80	50.00	14,504	17,334	222	17,556	--
1978....	28,550	31,455	15.70	59.50	16,732	17,456	347	17,803	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the State. 3/ Receipt from marketings and sale of farm slaughter. 4/ Record high January 1 Sheep Inventory.

Lamb Crop: Utah, 1930, 1940, 1950, 1960, 1965, 1970-78.

Year	Breeding Ewes One Year and Older January 1	Lambs Saved 1/	
		Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 2/.....	2,170	1,736	80
1940.....	1,706	1,365	80
1950.....	1,066	895	84
1960.....	1,065	927	87
1965.....	876	745	85
1970.....	821	780	95
1971.....	780	710	91
1972.....	758	713	94
1973.....	713	635	89
1974.....	615	578	94
1975.....	558	502	90
1976.....	481	433	90
1977.....	475	428	90
1978.....	401	377	94

1/ Lambs saved defined as lambs living July 1, or lambs docked or branded.
2/ Record high lamb crop.

Wool Production and Value: Utah, 1931, 1940, 1950, 1960, 1965, 1970-78.

Year	All Sheep Shorn 1/	Weight per Fleece	Shorn Wool Production	Average Price per Pound 2/	Value 3/
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 4/.....	2,692	9.0	24,228	13	3,150
1940.....	1,990	9.3	18,507	27	4,997
1950.....	1,180	9.4	11,092	58	6,433
1960.....	1,203	9.9	11,950	39	4,660
1965.....	1,018	9.4	9,595	45	4,318
1970.....	985	9.8	9,637	32	3,084
1971.....	960	9.5	9,167	18	1,650
1972.....	896	10.3	9,218	26	2,397
1973.....	774	10.0	7,760	78	6,053
1974.....	728	10.0	7,255	59	4,280
1975.....	591	10.4	6,140	44	2,702
1976.....	529	10.3	5,428	65	3,528
1977.....	539	10.4	5,581	64	3,572
1978.....	465	10.3	4,770	70	3,339

1/ Includes sheep shorn at commercial feeding yards. 2/ Monthly price weighted by monthly sales of wool. 3/ Production multiplied by annual average price. 4/ Record high January 1 inventory.

Sheep and Lamb Slaughter: Number and Liveweight, Utah, Annual, 1944, 1950, 1960, 1965, 1970-78, and monthly 1977-78.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	106.2	--	--
1950.....	155.0	101	15,682
1960.....	307.4	102	31,476
1965.....	860.5	105	90,586
1970.....	847.0	106	89,400
1971.....	632.5	106	67,098
1972.....	517.0	109	56,207
1973.....	359.8	111	40,093
1974.....	345.3	109	37,507
1975.....	142.5	106	15,104
1976.....	28.0	107	2,989
1977.....	24.1	112	2,692
1978.....	24.0	113	2,707
1977			
Jan.	2.3	117	265
Feb.	1.6	112	175
Mar.	1.7	113	193
Apr.	1.8	110	199
May	2.0	110	215
June	2.0	109	223
July	1.8	107	189
Aug.	2.3	112	254
Sep.	2.2	114	253
Oct.	2.3	114	258
Nov.	2.3	114	258
Dec.	1.9	108	209
1978			
Jan.	2.0	111	218
Feb.	1.7	111	186
Mar.	2.1	115	248
Apr.	2.1	114	236
May	2.2	109	237
June	1.8	109	191
July	1.8	116	204
Aug.	2.1	109	232
Sep.	1.9	112	215
Oct.	2.4	116	280
Nov.	2.1	111	230
Dec.	1.9	121	231

1/ Includes slaughter under Federal inspection and other commercial slaughter, excludes farm slaughter. 2/ First year on record.

Hogs

James E. Brewster, Agricultural Statistician

Hog production in Utah has declined greatly in the last 35 years and is relatively small, accounting for only 1.4 percent of the total cash receipts of farmers in 1978. The 1974 U. S. Census showed hogs in all counties but the heaviest concentration was in the Salt Lake-Utah County area. Only 1,465 farms reported hogs in the 1974 Census compared with 2,633 in the 1964 Census. Only a small portion of these are commercial producers.

December 1, 1978 Inventory: As of December 1, 1978 there were 49,000 head of hogs and pigs on Utah farms, 7,000 more than a year earlier. Of the total, 8,000 were being kept for breeding and 41,000 were classified as market hogs and pigs. January 1 hog numbers reached a peak in 1944 when 196,000 were on Utah farms--nearly 5 times the current level.

1978 Pig Crop: The 1978 pig crop for Utah was estimated at 70,000 pigs saved, 9 percent less than 1977 and only 21 percent of the 1943 peak. The December 1977-May 1978 pig crop totaled 34,000 head, 74 percent of a year earlier. Litter size for spring sows averaged 6.8 pigs against 7.7 a year earlier. The June-November 1978 pig crop was 36,000 head, 116 percent of the previous year. Pigs per fall litter averaged 7.1 compared with 6.9 in 1977.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, 1940, 1943, 1950, 1960, 1965, 1970-78.

Year	Spring Pig Crop 1/			Fall Pig Crop 2/			Total Pig Crop Spring and Fall	
	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs per Litter	Pigs Saved	Sows Farrowing	Pigs Saved
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 Head
1940.....	16.0	6.0	96	10.0	6.8	68	26.0	164
1943 3/....	28.0	6.4	179	23.0	6.6	152	51.0	331
1950.....	10.0	6.4	64	7.0	6.9	48	17.0	112
1960.....	5.8	6.7	39	6.2	7.3	45	12.0	84
1965.....	5.0	7.0	35	5.0	6.9	34	10.0	69
1970.....	4.8	7.1	34	4.6	7.2	33	9.4	67
1971.....	5.0	7.2	36	5.2	7.3	38	10.2	74
1972.....	4.6	7.0	32	4.2	7.1	30	8.8	62
1973.....	4.6	7.7	35	4.8	6.9	33	9.4	68
1974.....	4.6	7.5	35	4.5	7.2	32	9.1	67
1975.....	4.7	6.7	31	5.0	7.3	37	9.4	66
1976.....	4.5	7.7	35	5.9	7.2	42	9.9	73
1977.....	6.0	7.7	46	4.5	6.9	31	10.5	77
1978.....	5.0	6.8	34	5.0	7.1	36	10.0	70

1/ Spring, December through May. 2/ Fall, June through November. 3/ Record high annual pig crop.

Hogs and Pigs: Number of Hog Farms, 1965, 1969-78, and Number and Value of Hogs on Farms, Utah, January 1, 1940, 1944, 1950, 1960, 1965, and 1969, December 1, 1969-78.

Farms		Hogs			
Year	Number with Hogs	Date	Number	Value	
				Per Head	Total
			1,000 Head	Dollars	1,000 Dollars
--	--	Jan. 1, 1940	125	6.60	825
--	--	Jan. 1, 1944 1/	196	12.00	2,352
--	--	Jan. 1, 1950	88	22.20	1,954
--	--	Jan. 1, 1960	68	16.20	1,102
1965	2,600	Jan. 1, 1965	35	20.20	707
1969	1,900	Jan. 1, 1969	39	25.10	979
1969	1,900	Dec. 1, 1969	43	29.70	1,277
1970	2,000	Dec. 1, 1970	45	23.00	1,035
1971	2,100	Dec. 1, 1971	50	23.50	1,175
1972	1,900	Dec. 1, 1972	42	32.00	1,344
1973	2,000	Dec. 1, 1973	46	53.00	2,438
1974	2,200	Dec. 1, 1974	44	35.00	1,540
1975	2,000	Dec. 1, 1975	47	61.00	2,867
1976	1,900	Dec. 1, 1976	51	43.50	2,219
1977	1,900	Dec. 1, 1977	42	52.50	2,205
1978	1,900	Dec. 1, 1978	49	69.00	3,381

1/ Record high January 1 Hog and Pig Inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1965-78.

Year	Total	Breeding	Market	Market Hogs & Pigs by Weight Group			
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1965.....	39	6	33	12	8	6	7
1966.....	40	7	33	12	8	7	6
1967.....	43	8	35	13	9	7	6
1968.....	43	7	36	15	9	7	5
1969.....	43	7	36	16	8	6	6
1970.....	45	8	37	16	9	6	6
1971.....	50	7	43	17	12	8	6
1972.....	42	6	36	14	10	7	5
1973.....	46	7	39	16	11	7	5
1974.....	44	7	37	14	11	7	5
1975.....	47	8	39	17	9	8	5
1976.....	51	8	43	19	11	7	6
1977.....	42	7	35	15	8	7	5
1978.....	49	8	41	17	10	8	6

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, 1940, 1944, 1950, 1960, 1965, 1970-78.

Year	Inventory Beginning of Year	Annual Pig Crop	Inship-ments	Market-ings 1/	Farm Slaughter 2/	Death	Inventory End of Year
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head
1940.....	125	164	3	139	32	16	105
1944 3/....	196	170	5	213	30	20	108
1950.....	88	112	1	83	19	15	84
1960.....	68	84	1	64	11	10	68
1965.....	41	69	1	60	6	6	39
1970.....	43	67	2	58	3	6	45
1971.....	45	74	3	63	3	6	50
1972.....	50	62	2	65	3	4	42
1973.....	42	68	2	59	3	4	46
1974.....	46	67	2	63	4	4	44
1975.....	44	68	2	60	3	4	47
1976.....	47	77	2	67	4	4	51
1977.....	51	77	2	80	3	5	42
1978.....	42	70	2	59	2	4	49

1/ Includes custom slaughter for use on farm where produced, State outshipments, but excludes interfarm sales within the State. 2/ Excludes custom slaughter for farmers at commercial establishments. 3/ Record high beginning of year inventory.

Hogs and Pigs: Production and Income, Utah, 1940, 1944, 1950, 1960, 1965, 1970-78.

Year	Produc-tion 1/	Market-ings 2/	Price per 100 Lbs.	Value of Produc-tion	Cash Receipts 3/	Value of Home Consump-tion	Gross Income	Cost of Inship-ments
	1,000 Pounds	1,000 Pounds	Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	31,760	27,800	5.70	--	1,734	268	2,002	22
1944.....	43,655	46,995	12.80	--	6,345	592	6,937	72
1950.....	23,272	18,687	18.60	--	3,779	544	4,323	20
1960.....	16,611	13,676	15.70	2,608	2,210	331	2,541	14
1965.....	14,333	12,942	20.20	2,895	2,614	264	2,878	16
1970.....	13,852	12,488	22.40	3,103	2,797	269	3,066	--
1971.....	15,090	13,676	16.40	2,475	2,243	208	2,451	--
1972.....	15,093	14,898	22.90	3,456	3,412	275	3,687	--
1973.....	15,056	13,511	35.90	5,405	4,850	430	5,280	--
1974.....	14,790	12,803	33.20	4,910	4,251	718	4,969	--
1975.....	15,195	13,676	43.30	6,579	5,922	549	6,471	--
1976.....	17,359	14,169	42.90	7,447	6,079	1,270	7,349	--
1977.....	18,249	17,422	38.60	7,044	6,725	708	7,433	--
1978.....	14,791	12,980	45.30	6,700	5,880	464	6,344	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes interfarm sales and custom slaughter for use on farms where produced. 3/ Includes receipts from marketings and from sales of farm slaughtered meat.

Commercial Hog Slaughter: Number and Liveweight, Utah, Annual, 1944, 1950, 1960, 1965, 1970-78 and monthly 1977-78.

Year	Number 1/	Average Liveweight per Head	Total Liveweight
	1,000 Head	Pounds	1,000 Pounds
1944 2/.....	258.2	--	--
1950.....	246.7	228	56,259
1960.....	306.4	227	69,695
1965.....	173.4	223	38,671
1970.....	117.4	229	26,837
1971.....	95.9	213	20,409
1972.....	90.1	214	19,280
1973.....	66.9	215	14,371
1974.....	78.5	212	16,641
1975.....	69.9	212	14,836
1976.....	80.3	242	19,449
1977.....	159.0	233	37,098
1978.....	99.1	232	23,006
1977			
Jan.	15.7	235	3,692
Feb.	12.4	234	2,907
Mar.	16.5	231	3,814
Apr.	16.1	232	3,748
May	13.4	233	3,120
June	16.2	237	3,834
July	15.5	234	3,614
Aug.	19.0	229	4,344
Sep.	12.5	233	2,899
Oct.	7.0	230	1,597
Nov.	7.9	236	1,861
Dec.	6.9	243	1,667
1978			
Jan.	7.1	231	1,635
Feb.	6.8	230	1,566
Mar.	8.5	229	1,957
Apr.	8.4	232	1,941
May	8.7	230	2,006
June	8.2	225	1,856
July	7.6	234	1,791
Aug.	8.0	232	1,855
Sep.	8.7	236	2,065
Oct.	8.7	236	2,057
Nov.	9.4	234	2,203
Dec.	8.8	234	2,072

1/ Includes slaughter in Federally inspected plants and in other slaughter plants, but excludes animals slaughtered on farms. 2/ First year of record.

Dairy

James E. Brewster, Agricultural Statistician

Cash receipts from dairying in Utah totaled a record high 96.3 million dollars during 1978--second only to cattle and calf cash receipts. The 1978 total was up 10 percent from 1977 as a result of higher prices for milk. Dairying accounted for nearly one-fourth (22.1%) of the total cash receipts for crops and livestock in 1978. If the employment and economic activity generated by processing, distributing, and marketing of dairy products were included, the importance of dairying in Utah would be even more impressive.

Dairying is distributed in the farming areas throughout the State. Main concentrations, however, are in the north central area where the four top milk producing counties--Cache, Box Elder, Utah, and Weber are located. Plants making butter, cheese, and dry products are located at Richmond, Smithfield, Logan, Ogden, Salt Lake, Delta, Beaver, Altamont, and Loa. Major grade A milk processing plants are located at Ogden, Salt Lake, Murray, Spanish Fork, and Cedar City.

Milk Production: Utah milk production during 1978 totaled 935 million pounds, 1 million below the 1977 record high. Monthly totals varied from a low of 70 million pounds in February to a high of 85 million pounds in July. The 1978 average production per cow, at 12,303 pounds compared with 12,000 pounds in 1977, was the highest annual average ever attained in the State. It was more than double that in 1940 and was sixth highest among the 50 States. The milk cow population for the State averaged 76,000 head during 1978, 2,000 less than in 1977 and far below the 117,000 cows in the peak years 1944 and 1945.

Milk from Utah farms sold to plants in 1978 totaled 875 million pounds, which tied 1977 as a record high. Of this total, 74 percent was fluid grade and 26 percent manufacturing grade. Considerable surplus fluid grade milk was used for manufacturing, however. In addition, 40 million pounds of whole milk were retailed directly to consumers. Farm uses (fed to calves and human consumption) totaled 20 million pounds.

For the milk sold to plants, Utah farmers received an average of $10.40 per cwt. for fluid grade milk, $9.85 for manufacturing grade milk, and $10.30 for all milk. This was 95 cents more than the 1977 average for all milk and a new record high. For the 40 million pounds retailed by Utah farmers in 1978, an average of 33.0 cents per quart was received--$15.35 per cwt. Gross farm income from dairy products in 1978 was 97.4 million dollars, up 10 percent from a year earlier and a new record.

Manufactured Dairy Products: Utah cheese and butter are nationally known for their fine quality. They are marketed in all areas of the United States. Butter production, at 4.7 million pounds in 1978, was down 15 percent from 1977 and the smallest since 1952. Record high was 11.8 million pounds attained in 1937. Manufacture of whole milk cheese in Utah in 1978 totaled 60.5 million pounds--3 percent less than 1977 and down 5 percent

from the 1976 record. This total included 40.3 million pounds of American cheese and 20.0 million pounds of Swiss. American cheese was down 7 percent while Swiss was up 4 percent. Creamed cottage cheese (including low fat) production totaled 8.6 million pounds in 1978, down 10 percent from 1977. Dry whey production increased 15 percent to 25.7 million pounds which was still 4 percent under the 1974 record. Of the dry whey total, 95 percent was for human food.

Ice cream production totaled 7.32 million gallons in 1978, up 10 percent from 1977. Ice milk production was 2.93 million gallons, down 7 percent from 1977. Of this total, 1.03 million gallons or 35 percent was in hard form and the balance or 65 percent in soft form. Sherbet production in 1978 was 514,000 gallons, up 9 percent from 1977. Practically all ice cream and sherbet is frozen in hard form in Utah.

Milk Cows and Milk Production by Months, Utah, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Milk Cows (Thousand Head)													
1972.....	79	79	79	79	78	78	77	76	75	75	75	75	1/77
1973.....	74	74	74	74	75	76	75	73	72	71	73	75	1/74
1974.....	74	75	76	77	78	79	80	81	81	80	80	79	1/78
1975.....	79	79	78	78	79	79	80	80	79	80	79	79	1/79
1976.....	78	78	78	78	78	78	79	79	79	79	79	79	1/79
1977.....	79	78	78	78	79	79	79	78	78	77	76	76	1/78
1978.....	76	76	76	76	76	77	78	77	76	76	76	76	1/76
Milk Per Cow (Pounds)													
1972.....	850	820	920	940	1030	1010	1030	1030	960	950	890	920	11351
1973.....	930	860	990	990	1060	1035	1060	1030	960	970	900	920	11703
1974.....	950	880	985	1000	1075	1045	1060	1000	985	960	910	935	11859
1975.....	950	875	975	980	1040	1060	1070	1000	940	960	875	900	11633
1976.....	950	900	975	990	1025	1060	1060	1025	960	960	925	935	11696
1977.....	975	920	1020	1015	1060	1040	1060	1050	960	975	950	975	12000
1978.....	985	925	1040	1040	1090	1070	1090	1065	1015	1010	950	970	12303
Milk Produced (Million Pounds)													
1972.....	67	65	73	74	80	79	79	78	72	71	67	69	874
1973.....	69	64	73	73	80	79	80	75	69	69	66	69	866
1974.....	70	66	75	77	84	83	85	81	80	77	73	74	925
1975.....	75	69	76	76	82	84	86	80	74	77	69	71	919
1976.....	74	70	76	77	80	83	84	81	76	76	73	74	924
1977.....	77	72	80	79	84	82	84	82	75	75	72	74	936
1978.....	75	70	79	79	83	82	85	82	77	77	72	74	935

1/ Average per month.

Milk Cows and Production of Milk and Milkfat on Farms, Utah, 1940, 1950, 1960, 1965, and 1970-78.

Year	Farms with milk cows	Number of milk cows on farms	Production of Milk and Milkfat				
			Per milk cow		Percentage of fat in all milk produced	Total	
			Milk	Milkfat		Milk	Milkfat
	1,000	1,000	Pounds	Pounds	Percent	Million Pounds	Million Pounds
1940...		96	5,730	215	3.75	550	21
1950...		100	6,550	246	3.75	655	25
1960...		94	8,130	297	3.65	764	28
1965...	6.2	80	9,200	330	3.59	736	26
1970...	3.8	78	10,500	382	3.64	819	30
1971...	3.2	80	10,500	384	3.66	840	31
1972...	2.8	77	11,351	413	3.64	874	32
1973...	2.6	74	11,703	430	3.67	866	32
1974 1/	2.8	78	11,859	433	3.65	925	34
1975...	2.8	79	11,633	427	3.67	919	34
1976...	2.7	79	11,696	423	3.62	924	33
1977...	2.7	78	12,000	427	3.56	936	33
1978...	2.6	76	12,303	436	3.54	935	33

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Milk Used on Farms Where Produced				Milk Marketed by Farmers			
	Fed to Calves	Consumed as Fluid Milk and Cream	Used for Farm-Churned Butter	Total	Sold to Plants and Dealers		Sold Directly to Consumers	Total
					As Whole milk	As Farm separated cream		
	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds	Million Pounds
1940....	17	61	22	100	296	116	35	1/450
1950....	22	51	13	86	515	26	28	569
1960....	18	33	5	56	675	11	22	708
1965....	10	27	1	38	655	4	39	698
1970....	9	18	--	27	740	2	50	792
1971....	9	17	--	26	775	2	37	814
1972....	9	17	--	26	805	1	42	848
1973....	9	16	--	25	805	--	36	841
1974....	8	16	--	24	860	--	41	901
1975....	8	14	--	22	860	--	37	897
1976....	10	15	--	25	855	--	44	899
1977....	9	12	--	21	875	--	40	915
1978....	9	11	--	20	875	--	40	915

1/ Includes 3,000,000 for farm churned butter sold.

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Milk Sold to Plants and Dealers				Cream Sold to Plants and Dealers			Milk Sold Directly to Consumers		
	Quantity	Percent Fluid Grade	Price per 100 Lb.	Cash Receipts	Quantity Milkfat	Price per Lb. Fat	Cash Receipts	Quantity	Price per Quart	Cash Receipts
	Million Pounds	Percent	Dol.	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Quarts	Cents	1,000 Dollars
1940....	296	--	1.45	4,292	4,330	30	1,299	16,000	7.7	1,232
1950....	515	--	3.69	19,004	970	62	601	13,000	16.0	2,080
1960....	675	--	4.07	27,472	400	55	220	10,000	18.0	1,800
1965....	655	74	4.09	26,790	140	52	73	18,000	16.7	3,006
1970....	740	71	5.48	40,552	71	59	42	23,256	21.5	5,000
1971....	775	71	5.65	43,788	72	60	43	17,209	22.0	3,786
1972....	805	72	5.83	46,932	36	60	22	19,535	23.0	4,493
1973....	805	72	6.97	56,109	--	--	--	16,744	25.0	4,186
1974....	860	73	8.10	69,660	--	--	--	19,070	28.0	5,340
1975....	860	75	8.50	73,100	--	--	--	17,209	28.0	4,819
1976....	855	73	9.45	80,798	--	--	--	20,465	34.0	6,958
1977....	875	74	9.35	81,813	--	--	--	18,605	31.0	5,768
1978....	875	74	10.30	90,125	--	--	--	18,605	33.0	6,140

Farm Dairy Products: Marketings, Income, and Value, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Combined Marketings of Milk and Cream				Used for Milk Cream and Butter on Farms where Produced		Gross Farm Income from Dairy Products	Farm Value of Milk Produced
	Milk Utilized	Average Returns		Cash Receipts from Marketings	Milk Utilized	Value		
		Per 100 Pounds Milk	Per Pound Milkfat					
	Million Pounds	Dollars	Dollars	1,000 Dollars	Million Pounds	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	450	1.53	.41	6,868	83	1,270	8,138	8,423
1950.....	570	3.81	1.02	21,717	63	2,400	24,117	24,956
1960.....	708	4.17	1.14	29,492	38	1,585	31,007	31,859
1965.....	698	4.28	1.19	29,869	28	1,198	31,067	31,501
1970.....	792	5.76	1.58	45,594	18	1,037	46,631	47,174
1971.....	814	5.85	1.60	47,617	17	995	48,612	49,140
1972.....	848	6.07	1.67	51,447	17	1,032	52,479	53,052
1973.....	841	7.17	1.95	60,295	16	1,147	61,442	62,092
1974.....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975.....	897	8.69	2.37	77,919	14	1,217	79,136	79,861
1976.....	899	9.76	2.70	87,756	15	1,464	89,220	90,182
1977.....	915	9.57	2.69	87,581	12	1,148	88,729	89,575
1978.....	915	10.52	2.97	96,265	11	1,157	97,422	98,362

Butter and Cheese: Production, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Butter	American Cheese			Swiss Cheese	Total Whole Milk Cheese
		Cheddar	Other	All		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	10,426			4,496	0	4,496
1950.....	5,834			6,901	5,163	12,064
1960.....	7,106	5,460	608	6,068	5,890	11,958
1965.....	6,119	7,065	298	7,363	4,948	12,311
1970.....	8,411	18,279	3,911	22,190	10,776	32,966
1971.....	9,082	21,508	4,714	26,222	12,760	38,982
1972.....	8,715	27,587	4,977	32,564	15,206	47,770
1973.....	7,586	32,066	4,526	36,592	16,660	53,252
1974.....	7,375	40,047	4,428	44,475	18,386	62,886
1975.....	7,307	32,355	5,783	38,138	19,654	57,824
1976.....	5,653	37,689	5,891	43,580	20,173	63,766
1977.....	5,507	35,863	7,277	43,140	19,189	62,330
1978.....	4,654	33,863	6,452	40,315	19,991	60,464

Cottage Cheese and Dry Whey: Production, Utah, 1940, 1950, 1960, 1965, 1970-78.

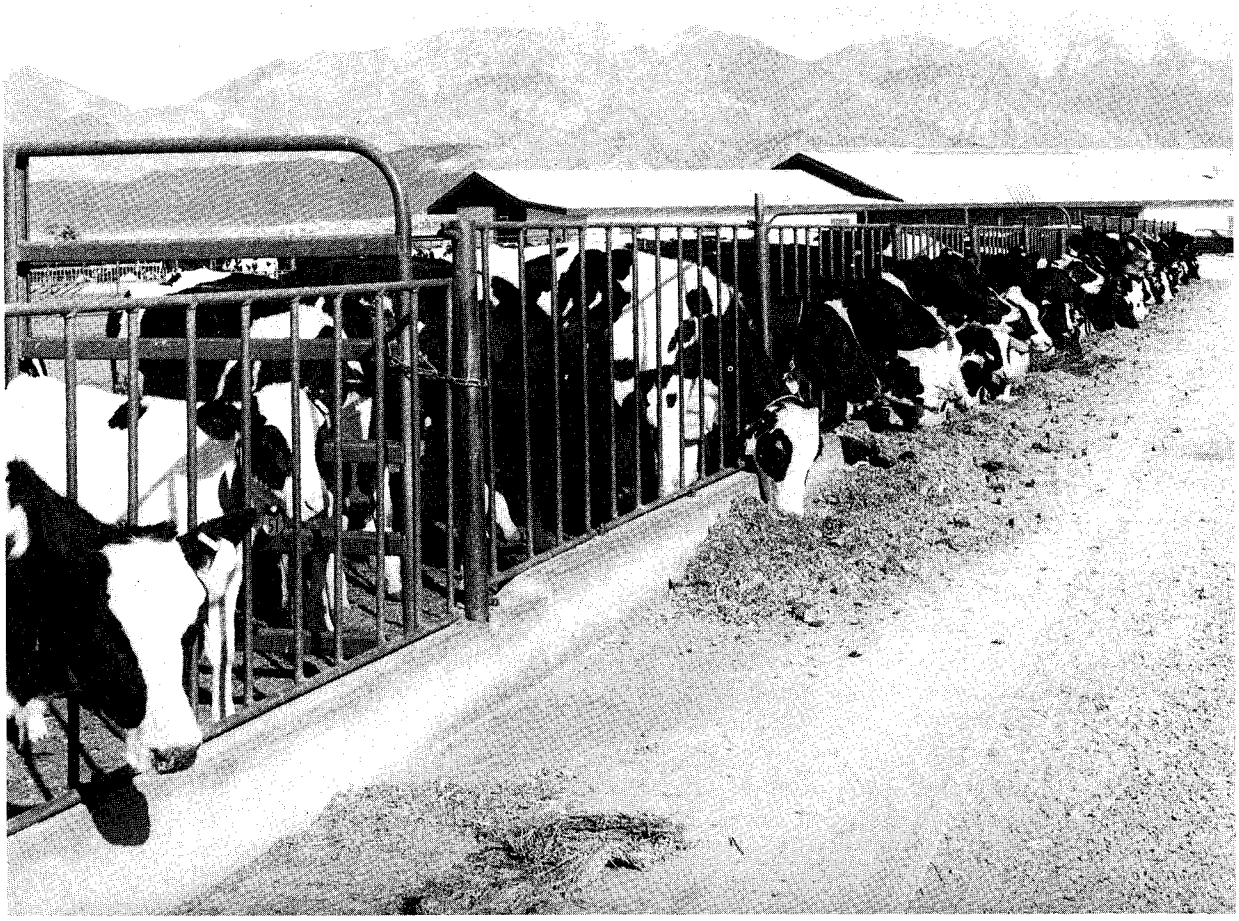
Year	Cottage Cheese		Dry Whey		
	Curd	Creamed	Human Food	Animal Feed	Total
	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds
1940.....	670	966			
1950.....	2,476	3,563			
1960.....	4,796	7,458			
1965.....	4,817	8,032	2/	2/	2/
1970.....	5,236	8,795	2/	2/	12,190
1971.....	5,700	9,376	2/	2/	14,602
1972.....	6,293	10,126	2/	2/	19,971
1973.....	6,440	1/10,673	2/	2/	22,629
1974.....	6,020	1/9,829	2/	2/	26,679
1975.....	5,617	1/8,560	19,204	1,348	20,552
1976.....	6,158	1/9,723	16,467	2,308	18,775
1977.....	5,960	1/9,502	19,690	2,688	22,378
1978.....	5,281	1/8,583	24,403	1,334	25,737

1/ Includes any low fat production. 2/ Less than 3 plants.

Frozen Products: Production, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Ice Cream 1/	Ice Milk			Sherbet 1/	Water Ices
		Hard	Soft	Total		
	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons	1,000 Gallons
1940.....	1,235	--	--	201	60	--
1950.....	2,532	--	--	578	76	--
1960.....	3,849	563	771	1,334	350	181
1965.....	4,303	993	1,045	2,038	385	289
1970.....	4,456	1,189	1,547	2,736	449	292
1971.....	5,063	1,373	1,618	2,991	452	252
1972.....	5,610	1,371	1,769	3,140	476	274
1973.....	5,387	1,285	1,708	2,993	439	197
1974.....	5,812	1,313	1,813	3,126	421	190
1975.....	6,758	1,264	1,284	2,548	451	148
1976.....	6,708	1,203	1,659	2,862	454	246
1977.....	6,681	1,188	1,953	3,141	471	233
1978.....	7,322	1,025	1,905	2,930	514	190

1/ Essentially all hard frozen.



Holstein dairy cows eating prior to milking.

Chickens & Eggs

James E. Brewster, Agricultural Statistician

Egg production in Utah has shifted from a general enterprise on most farms to a highly specialized enterprise on relatively few farms. The U. S. Census of Agriculture showed there were only 1,171 Utah farms with chickens in 1975 (10 percent of all farms) compared with 18,231 farms with chickens in 1945 (69 percent of all farms). Most of the present farms with chickens keep only a few to supply their own needs and possibly a few neighbors. On December 1, 1978, only 15 operations accounted for 91 percent of the State's layers. These large operations are mostly in Salt Lake and Utah Counties with a few scattered through northern and central Utah.

In earlier years, Utah produced substantial numbers of broilers but commercial broiler production was discontinued in the State during 1971.

December 1 Inventory: Chickens, mostly egg-type, on Utah farms December 1, 1978, were estimated at 1,700,000 hens and pullets of laying age, 443,000 pullets not yet layers, 7,000 male chickens, and 2,150,000 total chickens. Hens and pullets of laying age were up 2 percent while pullets not yet layers were up 5 percent from December 1, 1977. The all chicken population on December 1, 1978 was only 62 percent of the January 1 peak count of 3,494,000 in 1944.

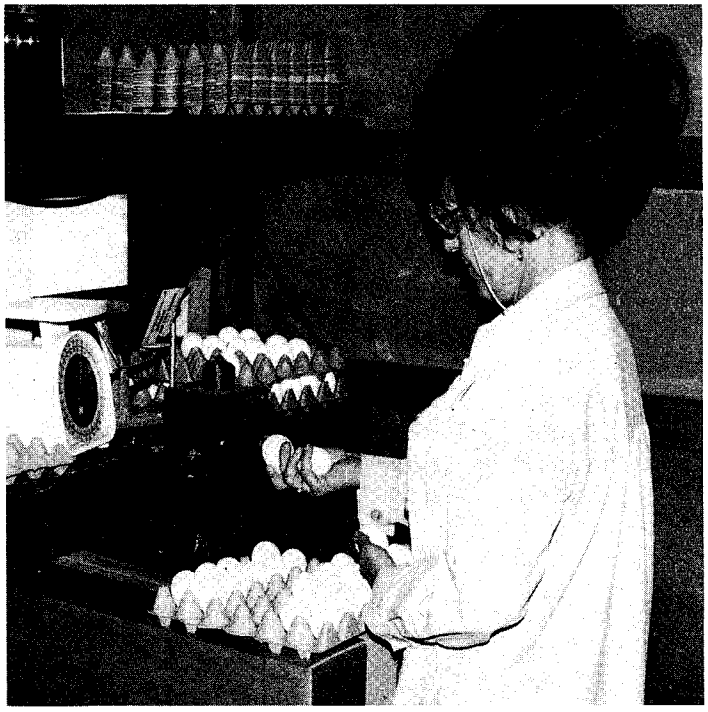
Chickens Raised: There were 1,000,000 chickens raised during 1978, up 4 percent from a year earlier. Nearly all of these were for laying flock replacements. Chickens sold (excluding inter-farm sales of replacement pullets) are virtually all cull hens from laying flocks. In 1978 there were 744,000 birds or 2.8 million pounds liveweight sold--up 51 percent. Price averaged 6.6 cents a pound for a return of $187,000--133 percent of 1977.

Egg Production: During 1978, laying flocks averaged 1,680,000 birds. They produced 399 million eggs or an average 238 per layer--a 65.2 percent rate of lay. There were 14 percent more layers in 1978 than in 1977 and total egg production, up 19 percent, was the largest since 1954. In the 1940's and early 1950's, Utah was a surplus egg producing State. As production dropped in the late 50's and early 60's Utah became an egg importer. Now, if Utah residents consumed as many eggs per capita as the National average, 1978 production would have been about 11 percent more than consumption. In 1978, Utah farmers sold 397 million eggs at an average price of 44.0 cents per dozen for a total of $14.6 million, largest since 1953. A 19 percent increase in sales more than offset a 9 percent decline in the average price for 1978. The record high of $16.6 million was in 1951.

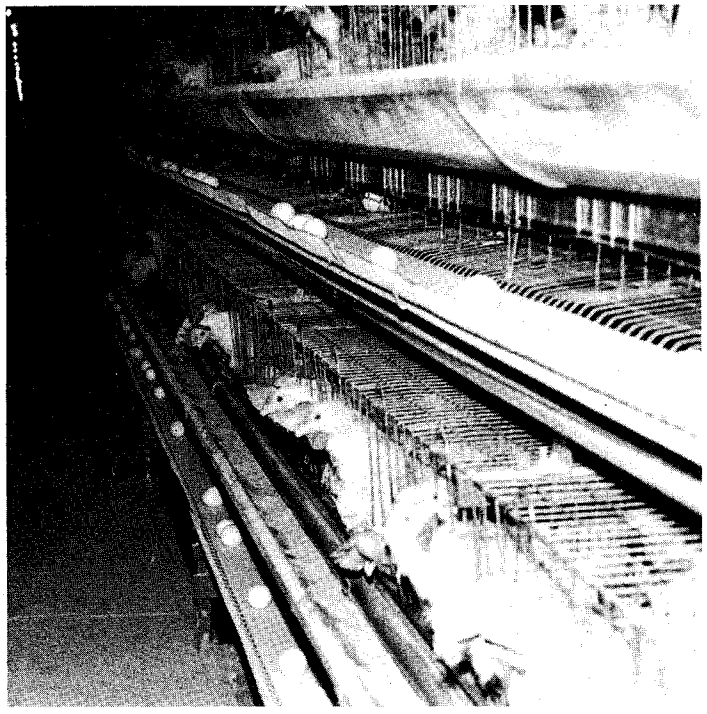
Chicks Hatched: The number of chicks hatched in 1978 can not be published because only two hatcheries are still operating. From 1966 to 1976 Utah hatchery operations dropped sharply and there were only one-sixth as many chicks hatched in 1976 as in 1966.

Eggs: Layers, Production, Disposition, and Income, Utah, 1940, 1944, 1950, 1960, 1965, 1970-78.

Year	Average Number Layers	Eggs				Income			
		Produced		Disposition		Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
		Per Layer	Total	Home Consumption	Sold				
	Thousands		Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940...	1,739	155	269	39	230	18.7	3,584	592	4,176
1944 1/	2,658	165	439	43	396	35.5	11,715	1,242	12,957
1950...	2,310	184	425	32	393	39.5	12,936	1,053	13,989
1960...	1,377	223	307	13	294	34.9	8,550	378	8,928
1965...	1,070/	225	241	8	233	33.1	6,427	221	6,648
1970...	1,256	216	271	4	267	36.0	8,010	120	8,130
1971...	1,289	223	287	3	284	23.9	5,656	60	5,716
1972...	1,326	223	296	2	294	27.8	6,811	46	6,857
1973...	1,346	227	306	2	304	48.9	12,388	82	12,470
1974...	1,369	227	311	2.5	308.5	46.3	11,903	96	11,999
1975...	1,381	232	321	2	319	42.7	11,351	71	11,422
1976...	1,310	216	283	1.5	281.5	50.0	11,729	63	11,792
1977...	1,468	228	335	2	333	48.2	13,376	80	13,456
1978...	1,680	238	399	2	397	44.0	14,557	73	14,630



Candling and grading eggs.



Laying hens at full production.

Chicken Inventory 1/: Number and Value, Utah, January 1, 1940, 1944, 1950, 1960, 1965, 1970, December 1, 1969-78.

Date	Hens & Pullets of Laying Age	Pullets 3 Mo. & Over--Not Laying	Pullets Under 3 Months	Other Chickens	Total Chickens		
					Number	Value	
						Average	Total
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000 Dollars
Jan. 1, 1940....	2,191	3/	4/	175	2,366	.63	1,491
Jan. 1, 1944 2/.	3,181	3/	4/	313	3,494	1.10	3,843
Jan. 1, 1950....	2,871	3/	4/	150	3,021	1.22	3,686
Jan. 1, 1960....	1,691	3/	4/	69	1,760	.94	1,654
Jan. 1, 1965....	1,349	3/	4/	35	1,384	1.10	1,522
Jan. 1, 1965....	1,143	110	96	35	1,384	1.10	1,522
Jan. 1, 1970....	1,320	190	219	10	1,739	1.20	2,087
Dec. 1, 1969....	1,332	190	219	10	1,751	1.20	2,101
Dec. 1, 1970....	1,182	218	327	10	1,737	1.10	1,911
Dec. 1, 1971....	1,312	194	255	11	1,772	1.10	1,949
Dec. 1, 1972....	1,292	136	272	2	1,702	1.30	2,213
Dec. 1, 1973....	1,380	255	233	3	1,871	1.45	2,713
Dec. 1, 1974....	1,339	212	241	4	1,796	1.55	2,784
Dec. 1, 1975....	1,284	239	207	4	1,734	1.85	3,208
Dec. 1, 1976....	1,387	223	210	1	1,821	1.75	3,187
Dec. 1, 1977....	1,669	136	284	5	2,094	1.80	3,769
Dec. 1, 1978....	1,700	108	335	7	2,150	2.05	4,408

1/ Excludes commercial broilers. 2/ Record high January 1 chicken inventory. 3/ Included with hens and pullets. 4/ Included in hens and pullets and in other chickens.

Chickens 1/: Inventory Numbers, Number Raised, and Disposition, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year 2/	All Chickens on Hand Beginning of Year	Lost	Raised	Home Consumption	Sold	All Chickens on Hand End Of Year	Produced	
							Number	Weight
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Pounds
1940....	2,366	426	2,917	512	2,044	2,301	2,491	7,627
1950....	3,021	634	4,236	395	3,562	2,666	3,602	13,851
1960....	1,760	334	1,397	203	1,018	1,602	1,063	4,252
1965....	1,384	230	910	80	500	1,484	680	2,831
1970....	1,751	200	862	38	638	1,737	662	2,336
1971....	1,737	190	1,045	20	800	1,772	855	3,146
1972....	1,772	190	830	20	690	1,702	640	2,349
1973....	1,702	180	1,075	16	710	1,871	895	3,489
1974....	1,871	190	1,024	14	895	1,796	834	3,274
1975....	1,796	144	922	13	827	1,734	778	3,032
1976....	1,734	126	927	13	701	1,821	801	3,050
1977....	1,821	183	963	13	494	2,094	780	2,828
1978....	2,094	180	1,000	20	744	2,150	820	2,998

1/ Excludes commercial broilers. 2/ Jan. 1-Jan. 1 through 1969--Dec. 1-Dec. 1 starting 1970.

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Sold	Home Consumption	Price per Pound	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	1,000 Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940....	6,132	1,690	11.0	839	675	186	861
1950....	13,892	395	20.7	2,867	2,876	278	3,154
1960....	4,174	710	8.2	349	342	58	400
1965....	2,100	304	5.0	142	105	15	120
1970....	2,552	152	4.0	93	102	6	108
1971....	3,040	80	4.0	126	122	3	125
1972....	2,691	80	5.6	132	151	4	155
1973....	2,769	64	12.0	419	332	8	340
1974....	3,491	56	6.0	196	209	3	212
1975....	3,143	51	4.0	121	126	2	128
1976....	2,664	51	7.0	214	186	4	190
1977....	1,877	51	7.5	212	141	4	145
1978....	2,827	78	6.6	198	187	5	192

1/ Excludes commercial broilers.

Chickens Including Broilers: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Broilers				Total Chickens & Broilers		
	Number Produced	Pounds Produced	Price per Pound	Gross Income	Pounds Sold	Price per Pound	Value of Sales
	1,000	1,000	Cents	1,000 Dollars	1,000	Cents	1,000 Dollars
1940....	--	--	--	--	6,132	11.0	675
1950....	700	2,170	29.0	629	16,062	21.8	3,505
1960....	1,846	6,276	19.3	1,211	10,450	14.9	1,553
1965....	2,281	8,668	17.3	1,500	10,768	14.9	1,605
1970....	1,206	4,583	17.0	779	7,135	12.3	881
1971....	--	--	--	--	3,040	4.0	122
1972....	--	--	--	--	2,691	5.6	151
1973....	--	--	--	--	2,769	12.0	332
1974....	--	--	--	--	3,491	6.0	209
1975....	--	--	--	--	3,143	4.0	126
1976....	--	--	--	--	2,664	7.0	186
1977....	--	--	--	--	1,877	7.5	141
1978....	--	--	--	--	2,827	6.6	187

Turkeys

James E. Brewster, Agricultural Statistician

Turkey production is a major agricultural industry in Utah. In 1978, turkeys ranked third in cash receipts in the State--exceeded only by cattle and milk. Utah ranked 13th among the States in the number of turkeys produced in 1978. The leading county in the State is Sanpete. This county ranked 13th in the Nation in number of turkeys raised in 1974, according to the Census of Agriculture. Other Utah counties reporting turkeys marketed in the 1974 U. S. Census of Agriculture included Box Elder, Cache, Weber, Davis, Salt Lake, Utah, Morgan, and Sevier. Commercial production in 1978 was limited to Sanpete, Sevier, Utah, Salt Lake and Weber Counties. Turkey processing plants in Moroni and Salina were the only ones operating in 1978. Nearly all turkeys raised in Utah are killed for market by Christmas each year.

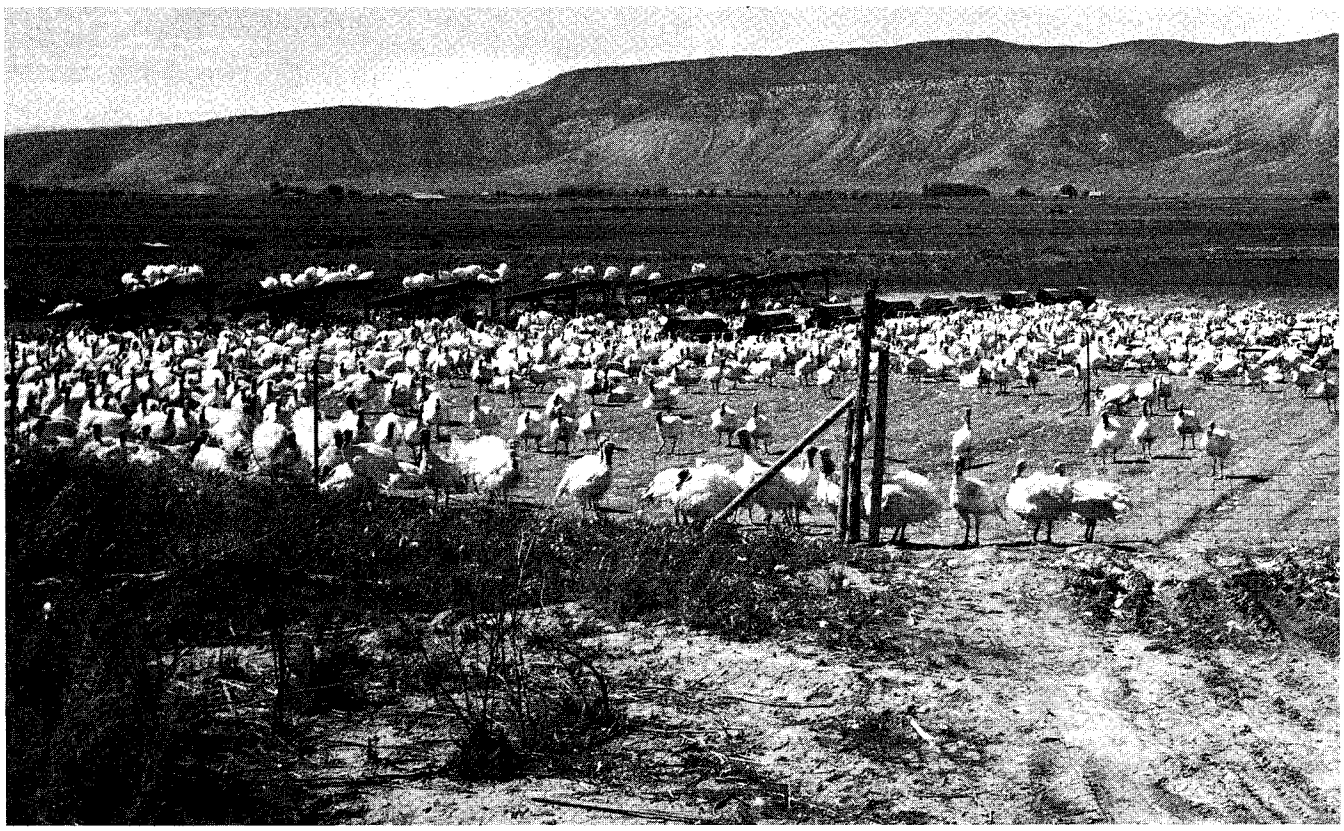
There were 2,794,000 turkeys raised in Utah during 1978, up 5 percent from 1977--the first increase in five years. At this level, 1978 turkeys raised was still 31 percent below the record high in 1973. High feed costs and lower turkey prices caused growers to cut back 15 percent in 1974. They held near that level in 1975 and 1976 and then cut production an additional 23 percent in 1977. Production in 1978 totaled 64.0 million pounds liveweight--4 percent more than 1977. Average weight was down from 23.2 pounds in 1977 to 22.9 pounds in 1978. The average liveweight price to the grower was estimated at 49.0 cents a pound for 1978 turkeys compared with 37.1 cents in 1977. During the last six years, the average price received by growers for turkeys has varied from a low of 29.0 cents in 1974 to the high of 49.0 cents in 1978. Gross income from sales totaled 31.4 million dollars in 1978 compared with 22.9 million in 1977 and the record high of 39.3 million in 1973.

Only two poult hatcheries are now operating in Utah so State totals cannot be published. However, all poults hatched in Utah were placed on Utah farms and Utah hatcheries provided the majority of the poults grown. Poult placements are mostly completed by the end of July and the average raising time is six months. Hatcheries have breeder flocks from which they get a substantial portion of their hatching eggs. Some hatching eggs are also imported--mostly from California.

Turkeys: Production and Gross Income, Utah, 1940, 1950, 1960, 1965, 1970-78.

Year	Raised			Average Weight	Produced	Per Pound	Gross Income 1/
	Heavy	Light	Total				
	1,000 Head	1,000 Head	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1940.....	--	--	854	16.0	13,656	17.4	2,376
1950.....	--	--	1,673	21.5	35,914	27.8	9,984
1960.....	2,706	95	2,801	20.2	56,515	24.3	13,733
1965.....	2,838	21	2,859	21.5	61,438	21.0	12,936
1970.....	3,946	0	3,946	21.6	85,234	22.1	18,837
1971.....	3,828	0	3,828	23.5	89,958	22.0	19,791
1972.....	3,905	0	3,905	22.8	89,034	21.5	19,142
1973 2/.....	4,061	0	4,061	22.5	91,373	43.0	39,290
1974.....	3,438	33	3,471	22.2	77,056	29.0	22,346
1975.....	3,369	77	3,446	21.8	75,123	37.0	27,796
1976.....	3,417	23	3,440	22.1	76,024	33.0	25,088
1977.....	2,664	0	2,664	23.2	61,805	37.1	22,930
1978.....	2,794	0	2,794	22.9	63,983	49.0	31,352

1/ Includes home consumption, less than 1% of production. 2/ Record high turkeys raised.



Utah produces top quality turkey for national markets.

Mink

Thomas E. Kurtz, Agricultural Statistician

Mink pelt production in Utah during 1978 totaled 411,000 pelts, an increase of 14 percent from the previous year. This was the most pelts produced since 1969 and was 45 percent above the low reached in 1973 when only 283,000 pelts were produced. There was a slight increase in the number of ranches producing pelts in 1978--from 185 in 1977 to 187 in 1978. This is only a little over half the 343 ranches producing mink in 1969 when USDA estimates were started. A further increase in pelt production in 1979 is indicated by a 9 percent increase in the number of females bred to produce kits this spring--from 129,000 in 1978 to 141,000 in 1979.

The U. S. average price for 1977 pelts was $28.40. At this price, Utah's 1978 pelts would have been worth about $11.7 million--a very substantial amount. It is more than double the value of the State's most valuable fruit crop in 1978--apples.

Utah ranks third Nationally in mink production--exceeded only by Wisconsin and Minnesota. Several color classes are produced in the State with "Standard" the most important followed by Pastel. These two classes account for about two-thirds of the State's total. Demi-Buff, Pearl, Violet Type, and Sapphire account for most of the balance with a few Pale Brown, Gunmetal, Platinum, Lavender-Hope, Pink, and White also produced.

Mink production in Utah is primarily in the north central counties of the State--from Cache on the north to Utah County on the south. The heaviest concentrations are in Salt Lake, Morgan and Summit Counties. A few producers are scattered out of the main area--in the Uinta Basin and in central Utah.

Mink: Pelts produced 1969-78 and Females Bred 1970-79, Utah and U.S.

Year	UTAH			United States		
	Ranches Producing Pelts	Pelts Produced	Females Bred	Ranches Producing Pelts	Pelts Produced	Females Bred
		1,000	1,000		1,000	1,000
1969.....	343	439	--	2,794	5,688	--
1970.....	308	396	134	2,227	4,532	1,416
1971.....	261	340	108	1,615	3,380	1,011
1972.....	225	285	94.5	1,380	2,965	858
1973.....	218	283	100	1,329	3,037	902
1974.....	198	315	103	1,221	3,128	905
1975.....	186	308	99	1,081	3,067	870
1976.....	168	323	97.7	1,015	3,026	837
1977.....	185	359	113	1,034	3,073	887
1978.....	187	411	129	--	--	925
1979.....	--	--	141	--	--	--

Honey

James E. Brewster, Agricultural Statistician

There has been increased interest in bees the last 5 years because of the high level of honey prices. The number of colonies of bees maintained in Utah trended downward for 11 years--from 52,000 in 1963 to 43,000 in 1973 --it then increased to 48,000 by 1977 followed by a drop to 47,000 in 1978. Honey production has fluctuated sharply, depending on the season. The high since 1960 was 4,368,000 pounds in 1963 and the low was 1,050,000 in 1968. In 1978 there were 1,410,000 pounds produced, only 59 percent of the relatively good 1977 crop. Average production per colony was 30 pounds compared with 50 pounds in 1977 and 29 pounds in 1976. Honey prices rose greatly from 1970 to 1974--from 18.1 cents a pound to 57.5 cents as sugar prices rose. Honey prices have remained relatively strong and averaged 57.0 cents in 1978. Total value of 1978 honey was $804,000 and beeswax added another $43,000. The importance of bees in the pollination of fruit and seed crops adds greatly to their value.

Beekeepers have been faced with serious problems for several years. First, increased use of pesticides has been killing bees directly or destroying their food source. Second, alfalfa growers are cutting their hay at early bloom or even pre-bloom and thus deprive bees of a major nectar plant. Finally, adverse weather in several years has limited the honey flow. Bees are found in every county of the State, but the industry is most important in Millard County where the 1969 Census showed about one-third of the State's colonies. Second is Utah County--the major fruit county.

Honey & Beeswax: Number of Colonies, Production, Average Price and Value, Utah, 1936, 1940, 1950, 1960, 1965, 1970-78.

Year	Colonies of Bees	Honey				Beeswax		
		Production		Value		Production	Value	
		Per Colony	Total	Per Pound	Total		Per Pound	Total
	1,000 Colonies	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars
1936 1/.	78	60	4,680	--	--	49	36	18
1940....	53	45	2,385	3.6	86	47	44	21
1950....	49	51	2,499	11.0	275	35	42	15
1960....	52	34	1,768	15.6	276	79	42	33
1965....	50	44	2,200	15.0	330	44	44	19
1970....	50	36	1,800	18.1	326	32	53	17
1971....	48	30	1,440	21.4	308	27	57	15
1972....	47	37	1,739	33.0	574	31	59	18
1973....	43	27	1,161	49.1	570	17	65	11
1974....	45	36	1,620	57.5	932	29	111	32
1975....	46	42	1,932	57.2	1,105	44	88	39
1976....	47	29	1,363	50.2	684	20	97	19
1977....	48	50	2,400	53.2	1,277	38	161	61
1978....	47	30	1,410	57.0	804	25	172	43

1/ Record high number of colonies of bees.

Farm Labor

Thomas E. Kurtz, Agricultural Statistician

Farm Workers: The annual average number of farm workers on Utah farms during 1978 (based on quarterly surveys) was 24,500 which was 1,200 more than during 1977. Family workers--which includes unpaid family members who worked 15 hours or more plus farm operators who did any work during the weeks surveyed--averaged 18,000 in 1978 compared with 17,000 in 1977. Hired workers who did any work during the survey weeks averaged 6,500 in 1978 compared with 6,300 a year earlier. Farm labor surveys of a random sample of farm operations are made in January, April, July, and October and collect labor information for one week in each of those months.

There has been a long time downward trend in farm workers in Utah, as well as the rest of the nation, as farm numbers decreased and more farm tasks were mechanized. However, the number of Utah farm workers has increased a little the last two years and the downward trend may have ended.

Wage Rates: The average wage rate of hired farm workers for all methods of pay was $2.75 per hour during 1978 compared with $2.66 in 1977 and $2.38 in 1976. Hired workers "paid by the hour receiving cash wages only" averaged $2.95 per hour in 1978 against $2.76 in 1977. Wages paid to hired workers in Utah about doubled from 1966 to 1976. Causes for the increased wages were changes in minimum wage legislation, competition from nonfarm industries, and the general inflation which has occurred.

Young workers are important in harvesting farm production.

Farm Labor and Wage Rates, Utah by Quarters 1978, and Annual Averages 1977 and 1978.

	Annual Avg. 1977	Jan. 8-14 1978	Apr. 9-15 1978	Jul. 9-15 1978	Oct. 8-14 1978	Jan. 7-13 1979	Annual Avg. 1978
Workers on Farms (000)							
Total	23.3	20.0	24.0	33.0	22.0	15.0	24.5
Family 1/	17	16	20	21	16	11	18
Hired 2/	6.3	4.0	4.0	12.0	6.0	4.0	6.5
Hours Worked per Worker							
Farm Operator 1/	--	26.4	39.7	42.5	34.5	29.5	--
Other Unpaid Family Members 1/	--	36.0	34.8	45.6	28.7	36.2	--
All Family 1/	--	28.2	37.7	43.4	33.0	31.2	--
Hired Workers 2/	--	34.0	39.2	31.8	31.2	32.5	--
Farm Wage Rates - Dollars per Hour							
By Piece Rate	--	3/	3/	3/	3/	3/	--
By Other than Piece Rate	--	2.79	2.61	2.61	3/	3.00	--
By Hour Only	--	2.64	2.90	2.74	3/	2.87	--
By Cash Wages Only	--	2.93	2.92	3.12	3/	3.09	--
By Hour Receiving Cash Wages Only	2.76	2.63	2.99	2.79	3/	2.90	2.95
All	2.66	2.79	2.61	2.66	3.05	3.03	2.75
Wage Rates by Type of Work							
Field and Livestock Workers	2.53	2.51	--	--	--	--	2.55
Field Workers	--	2.57	2.72	2.70	2.85	3/	2.73
Livestock Workers	--	2.51	2.36	2.39	2.59	2.81	2.43
Packing House Workers	--	3/	3/	3/	3/	3/	--
Machine Operators	--	3/	3/	2.61	3.20	3/	--
Maintenance and Bookkeeping Workers	--	3/	--	--	--	--	--
Supervisors	--	4.10	3/	4.00	4.27	4.50	--
Other Agricultural Workers	--	--	2.81	2.79	2.73	3.24	--

1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the calendar week. 2/ All persons working one hour or more for cash wages during the survey week. 3/ Insufficient data for this category.

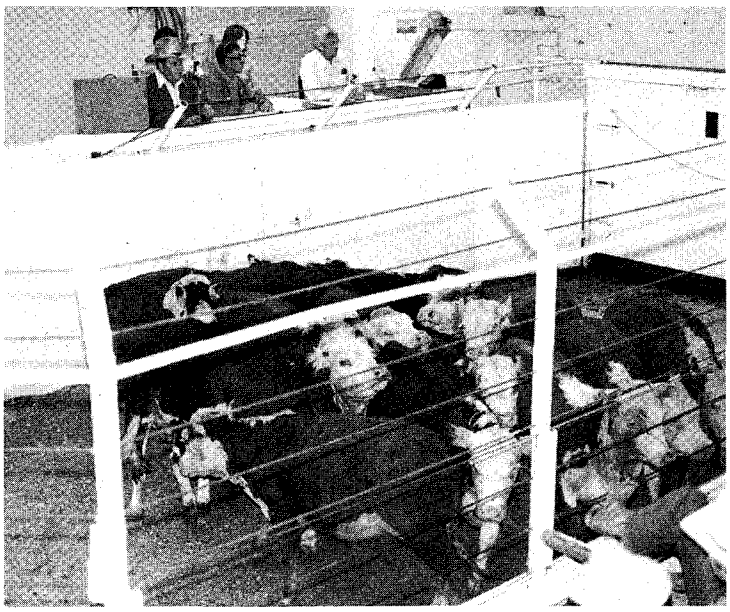
Agricultural Prices

Thomas E. Kurtz, Agricultural Statistician

The series of "prices received by farmers" as published by the Department of Agriculture relate generally to average prices farmers receive for their products sold at local markets, or at the point to which farmers deliver their products in their own conveyances, or in local conveyances which they hire for that purpose. Prices received by farmers are estimated to reflect sales of all classes and grades of the commodity being sold. The average-price concept is that of a price which, if multiplied by the total quantity of the commodity sold, would give the total amount received by all farmers for the commodity. The primary reason for this definition of price is to evaluate income from marketings of commodities and thus to develop estimates of income to agriculture.

Prices for most commodities relate to the mid-month level for sales about the 13th to the 17th when surveys are made. However, prices for a few commodities such as milk and wool relate to all sales during the month and starting in 1977 barley prices represent an average for sales during the entire month.

Monthly prices have been discontinued for several agricultural products produced in Utah because the State accounts for such a small portion of the U. S. total. Only a season average price is now estimated for these commodities which include wheat, corn, oats, dry beans, potatoes, alfalfa seed, hogs, chickens, and eggs.



Livestock auctions are an important channel for getting cattle to the consumer.

Average Prices Received by Farmers, Utah, 1950, 1960, 1970, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						BARLEY (Dollars per Bushel) 1/						
1950	1.09	1.07	1.13	1.08	1.08	1.11	1.18	1.12	1.14	1.11	1.11	1.18
1960	1.02	1.00	1.00	1.00	1.00	1.02	.98	.98	.98	1.00	1.00	1.01
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1972	1.15	1.21	1.21	1.22	1.22	1.14	1.14	1.15	1.22	1.22	1.30	1.34
1973	1.50	1.60	1.62	1.58	1.62	1.71	1.76	2.17	2.27	2.34	2.24	2.30
1974	2.48	2.50	2.65	2.49	2.34	2.42	2.46	2.72	2.89	3.04	3.13	3.24
1975	3.04	2.74	2.50	2.59	2.70	2.56	2.60	2.58	2.61	2.56	2.48	2.40
1976	2.40	2.40	2.48	2.43	2.43	2.50	2.50	2.33	2.24	2.24	2.08	2.10
1977	2.11	2.19	2.20	2.24	2.25	2.12	1.90	1.69	1.69	1.68	1.82	1.95
1978	1.99	2.06	2.07	2.09	2.28	2.08	2.17	1.96	1.97	2.04	2.02	2.06
						ALFALFA HAY, BALED (Dollars per Ton) 2/						
1950	21.60	20.00	18.30	18.30	18.80	20.00	22.00	22.50	22.50	22.90	22.90	24.00
1960	27.00	27.50	26.50	26.50	26.70	26.70	26.40	26.40	27.00	27.00	28.00	28.50
1970	25.50	26.00	26.00	25.50	25.50	25.50	24.00	24.00	24.50	24.50	25.50	25.50
1972	35.00	37.00	36.50	35.00	33.00	33.00	33.00	33.50	33.50	34.50	35.50	38.50
1973	39.00	41.50	42.50	42.00	41.00	36.50	36.00	37.50	38.50	39.50	41.50	43.50
1974	45.00	45.00	46.00	46.50	46.00	45.00	45.50	46.50	47.50	48.00	49.00	49.50
1975	48.50	48.50	48.00	48.50	55.50	60.00	52.00	50.50	51.00	51.50	51.00	51.50
1976	52.00	53.00	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
1977	56.00	57.00	59.50	61.00	65.50	66.50	63.50	61.00	56.50	54.50	56.00	55.50
1978	56.00	54.50	54.00	50.50	50.50	49.00	47.50	46.50	45.00	46.00	46.50	48.00
						ALL HAY, BALED (Dollars per Ton) 2/						
1950	21.10	19.20	17.50	17.50	18.30	19.00	21.00	21.50	21.50	22.50	22.50	23.50
1960	26.20	26.80	25.70	25.70	25.70	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1970	25.00	25.50	25.50	25.00	25.00	25.00	23.50	23.40	23.80	23.90	24.90	24.90
1972	34.00	36.20	35.70	34.20	32.00	32.00	32.00	32.70	32.70	33.70	34.70	37.60
1973	38.00	40.50	41.50	41.00	40.00	36.50	35.00	36.50	37.50	39.00	41.00	42.50
1974	45.00	44.50	45.00	46.00	45.50	44.50	45.00	46.00	46.50	47.50	48.50	48.50
1975	47.50	48.00	47.00	48.00	55.00	59.50	51.50	50.00	50.50	51.00	50.00	50.50
1976	51.00	52.50	54.00	54.00	55.50	52.50	52.00	52.00	53.50	52.50	53.00	55.00
1977	55.00	56.00	58.50	60.00	64.00	65.00	62.50	60.00	55.50	53.50	55.00	54.50
1978	55.00	54.00	53.00	50.00	50.00	48.50	46.50	45.50	44.00	45.00	45.50	46.50

1/ Average price relates to mid-month average through 1976. Starting in 1977, it represents an average for the entire month. 2/ Mid-month average price.

Average Prices Received by Farmers, Utah, 1950, 1960, 1970, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
					COWS (Dollars per Cwt.) 1/							
1950					N o t A v a i l a b l e							
1960	14.00	14.70	16.00	15.70	16.00	14.60	13.10	13.30	13.50	13.10	12.90	13.70
1970	20.00	21.50	22.50	21.80	21.30	20.90	20.70	20.10	19.90	18.40	17.70	18.10
1972	20.60	23.40	24.90	23.10	24.00	24.30	23.80	24.50	25.30	25.00	24.00	25.00
1973	25.30	27.00	31.00	32.40	32.50	32.70	32.00	40.00	34.20	32.00	28.00	28.00
1974	31.40	32.60	31.50	30.20	27.90	23.00	21.70	23.20	20.60	18.50	16.30	16.50
1975	16.50	19.00	19.10	20.40	20.90	22.30	21.10	19.40	20.70	20.10	18.80	20.20
1976	21.40	24.80	27.20	28.70	28.80	27.40	26.20	25.80	23.60	22.90	20.00	19.70
1977	20.60	22.90	23.70	25.90	24.80	26.00	25.60	26.00	26.30	26.20	24.80	25.90
1978	27.80	31.00	32.60	34.90	37.60	34.80	37.10	34.90	37.30	38.40	37.80	39.80
					STEERS & HEIFERS (Dollars per Cwt.) 1/							
1950					N o t A v a i l a b l e							
1960	20.50	21.10	22.30	22.40	22.70	21.30	20.60	19.70	19.70	18.80	18.80	20.30
1970	27.50	28.70	31.50	28.80	29.00	29.00	28.50	26.80	26.90	26.70	26.90	25.80
1972	34.50	35.00	33.50	33.50	36.00	36.00	36.00	35.00	35.00	36.30	36.50	37.00
1973	39.50	43.00	46.00	44.00	44.60	44.20	44.30	52.70	47.60	47.50	41.50	37.90
1974	45.90	46.00	41.10	40.50	38.10	34.00	35.40	35.00	30.50	28.70	26.90	27.20
1975	25.40	25.30	26.40	30.80	34.00	35.00	35.20	31.50	31.40	31.00	30.30	31.90
1976	32.80	34.40	34.40	39.00	38.70	37.40	34.20	32.50	33.50	31.60	32.70	33.00
1977	32.60	33.00	34.00	35.60	36.50	36.60	38.00	36.90	37.10	38.50	37.80	38.70
1978	40.00	43.10	47.20	49.00	53.60	52.80	51.70	52.10	55.70	56.40	55.50	59.60
					BEEF CATTLE (Dollars per Cwt.) 1/							
1950	20.00	20.00	20.50	21.50	23.00	23.00	23.50	24.00	24.00	24.30	25.30	26.20
1960	18.10	18.90	20.40	20.30	20.50	18.70	17.50	17.20	17.50	17.20	16.90	18.00
1970	25.20	26.30	28.70	26.70	26.70	26.70	25.90	24.60	24.70	24.40	24.60	23.70
1972	30.60	31.50	30.90	30.50	32.40	32.30	31.90	31.50	31.90	33.00	33.20	33.80
1973	35.50	38.20	41.70	40.80	41.00	40.60	40.20	48.50	43.30	43.00	38.00	35.20
1974	41.80	42.00	38.30	37.60	34.60	30.20	30.30	30.60	26.90	25.30	23.70	23.90
1975	22.60	23.20	24.00	27.50	29.50	30.60	30.10	27.10	27.70	27.40	26.70	28.20
1976	29.20	30.90	31.90	35.50	34.30	32.20	28.80	27.90	28.00	27.20	26.20	27.00
1977	28.00	29.60	30.50	32.40	32.20	32.40	34.30	34.30	34.80	35.70	33.90	34.60
1978	36.00	39.70	44.00	45.60	50.20	49.00	49.10	49.90	52.80	53.00	52.70	55.00

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, 1950, 1960, 1970, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						CALVES (Dollars per Cwt.) 1/						
1950	23.00	24.00	24.80	25.50	26.50	26.00	27.00	27.00	27.50	28.00	29.00	29.50
1960	24.00	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1970	35.00	37.20	38.00	34.50	34.40	34.90	33.00	31.00	31.70	33.00	32.60	33.30
1972	40.00	41.00	42.00	40.50	41.50	42.00	42.50	42.50	44.60	48.40	46.50	46.50
1973	49.00	51.00	56.00	55.00	55.00	55.50	55.00	63.00	58.50	58.50	54.00	49.00
1974	54.70	54.90	51.10	46.50	42.70	37.20	35.10	33.80	29.60	27.70	26.30	24.20
1975	23.30	23.30	23.90	27.40	27.70	30.00	26.00	23.30	26.00	26.40	29.40	31.00
1976	32.00	34.80	36.00	39.50	40.60	41.40	36.00	33.50	32.10	34.00	34.30	33.50
1977	31.90	35.20	34.80	37.40	35.20	36.40	36.40	36.50	38.80	41.30	39.40	40.60
1978	44.00	46.20	49.80	53.10	58.40	56.80	56.70	60.30	64.30	70.60	68.30	70.40
						MILK COWS (Dollars per Head) 1/						
1950	200	200	200	200	205	210	210	210	215	225	225	230
1960	220	220	220	225	225	235	225	225	215	205	205	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1972	350	360	350	340	335	330	330	340	340	340	350	370
1973	370	370	400	380	460	460	470	480	510	500	470	510
1974	550	545	555	570	520	480	485	495	450	415	410	420
1975	400	385	400	370	390	390	400	390	400	410	430	460
1976	455	455	485	490	505	505	480	510	480	480	495	500
1977	480	480	490	490	490	460	480	500	510	495	525	500
1978	510	520	545	565	615	660	670	690	725	745	770	805
						TURKEYS (Cents per Pound) 1/						
1950	27.0	27.0	27.0	19.5	21.0	22.0	25.0	36.0	27.0	27.0	27.0	30.0
1960	30.0	28.0	27.0	28.0	25.0	21.0	22.0	23.0	23.0	24.0	26.0	26.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1972	23.0	22.0	22.0	22.0	22.0	22.0	22.0	21.0	21.0	21.0	22.0	22.0
1973	24.0	--	28.0	28.0	34.0	36.0	36.0	54.0	52.0	44.0	40.0	38.0
1974	32.0	32.0	--	27.0	25.0	23.0	25.0	28.0	28.0	29.0	34.0	35.0
1975	34.0	32.0	29.0	--	32.0	34.0	35.0	36.0	38.0	39.0	39.0	38.0
1976	35.0	34.0	--	--	36.0	32.0	33.0	33.0	32.0	32.0	32.0	35.0
1977	35.0	34.0	37.0	36.0	33.0	34.0	35.0	34.0	35.0	39.0	40.0	41.0
1978	--	--	--	--	42.0	41.0	47.0	49.0	45.0	50.0	52.0	54.0

1/ Mid-month average price.

Average Prices Received by Farmers, Utah, 1950, 1960, 1970, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						MILK, ALL (Dollars per Cwt.) 1/						
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1970	5.70	5.55	5.40	5.45	5.35	5.20	5.20	5.30	5.55	5.65	5.80	5.80
1972	5.90	5.85	5.80	5.75	5.65	5.60	5.55	5.65	5.85	6.05	6.20	6.25
1973	6.35	6.35	6.40	6.30	6.30	6.30	6.40	7.00	7.55	8.05	8.45	8.80
1974	9.05	9.10	9.10	8.85	8.05	7.50	7.45	7.55	7.60	7.85	8.05	7.65
1975	8.25	8.10	8.05	8.05	7.95	7.85	8.05	8.30	8.75	9.20	9.40	10.40
1976	9.90	9.55	9.70	9.25	9.25	9.05	9.20	9.45	9.40	9.60	9.60	9.50
1977	9.35	9.15	9.20	9.20	9.10	9.20	9.15	9.20	9.55	9.65	9.75	9.85
1978	9.90	9.90	9.85	9.85	9.85	9.85	9.80	10.20	10.40	10.90	11.30	11.60
						MILK, FLUID (Dollars per Cwt.) 1/						
1950	4.90	4.85	4.55	4.25	4.15	4.15	4.20	4.60	4.80	5.05	5.15	5.20
1960	4.75	4.70	4.60	4.50	4.35	4.30	4.30	4.45	4.70	4.75	4.85	4.85
1970	6.10	5.90	5.75	5.90	5.75	5.60	5.60	5.70	5.95	6.05	6.25	6.25
1972	6.25	6.20	6.10	6.05	5.95	5.85	5.80	5.90	6.20	6.35	6.55	6.60
1973	6.70	6.65	6.65	6.55	6.50	6.55	6.60	7.30	7.85	8.45	8.75	9.05
1974	9.25	9.25	9.30	9.10	8.40	7.75	7.70	7.80	7.75	8.05	8.35	7.80
1975	8.55	8.30	8.20	8.20	8.05	7.95	8.10	8.40	8.85	9.30	9.50	10.80
1976	10.20	9.85	9.95	9.40	9.40	9.10	9.25	9.55	9.55	9.80	9.85	9.65
1977	9.50	9.30	9.30	9.30	9.20	9.30	9.30	9.40	9.75	9.85	10.00	10.00
1978	10.10	10.10	10.00	10.00	10.00	10.00	9.90	10.30	10.50	11.10	11.50	11.80
						MILK, MFG. (Dollars per Cwt.) 1/						
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05	3.15	3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20	3.25	3.35
1970	4.70	4.65	4.60	4.50	4.45	4.40	4.35	4.40	4.55	4.65	4.75	4.80
1972	5.05	5.05	5.00	5.00	4.95	4.95	4.95	5.00	5.05	5.15	5.25	5.40
1973	5.40	5.50	5.70	5.65	5.65	5.70	5.85	6.25	6.75	7.00	7.55	8.05
1974	8.50	8.65	8.65	8.15	7.15	6.85	6.85	6.80	7.20	7.35	7.25	7.20
1975	7.40	7.45	7.65	7.65	7.75	7.65	7.85	8.05	8.40	8.90	9.05	9.30
1976	9.00	8.80	8.95	8.90	8.90	8.85	9.05	9.15	9.00	9.00	8.85	9.00
1977	8.85	8.70	8.90	8.85	8.80	8.75	8.65	8.70	8.90	9.05	9.15	9.40
1978	9.40	9.40	9.45	9.50	9.45	9.50	9.55	9.85	10.10	10.40	10.70	10.90

1/ Average for the month.

Average Prices Received by Farmers, Utah, 1950, 1960, 1970, 1972-78.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						SHEEP (Dollars per Cwt.) 1/						
1950	8.60	8.60	9.50	9.50	9.00	8.50	9.00	9.00	11.00	11.50	12.00	12.50
1960	6.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.50	4.80	4.50	5.00
1970	7.60	7.60	7.70	8.20	7.50	8.30	8.50	8.00	7.50	6.50	6.00	6.00
1972	5.60	6.00	6.80	6.30	7.30	6.70	6.00	6.20	6.00	6.40	6.40	6.40
1973	7.50	8.60	9.50	9.00	9.00	9.00	11.30	16.00	14.50	11.20	12.80	14.30
1974	14.40	17.20	13.10	14.20	12.50	10.20	10.60	12.60	10.80	8.50	10.10	10.30
1975	9.30	8.50	10.80	11.00	11.80	9.60	9.60	10.70	10.20	9.80	9.40	10.30
1976	10.30	11.50	10.50	11.90	13.10	11.60	10.70	11.30	11.00	9.90	10.20	9.80
1977	11.00	10.10	10.50	10.00	10.30	10.00	10.30	10.20	11.00	11.00	12.90	11.50
1978	11.60	13.80	16.40	15.40	14.80	14.30	14.90	15.70	16.00	17.70	18.10	18.20
						LAMBS (Dollars per Cwt.) 1/						
1950	21.30	22.00	22.40	23.00	23.30	24.00	24.00	24.00	25.50	25.50	26.70	27.00
1960	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	16.20
1970	28.00	27.50	27.00	26.00	25.50	26.00	26.00	26.20	25.80	25.00	23.30	21.50
1972	25.50	27.00	26.80	25.50	27.20	28.60	30.30	29.00	28.00	27.30	27.20	28.00
1973	31.80	33.70	37.60	34.50	31.30	36.40	33.90	41.30	28.90	31.10	32.50	33.80
1974	37.90	38.30	34.20	34.60	37.80	38.20	36.10	35.30	31.10	32.30	33.90	34.70
1975	32.70	35.70	36.90	39.10	40.50	43.40	42.70	39.70	40.20	41.80	44.80	45.40
1976	46.40	45.90	46.10	49.20	52.70	49.60	45.50	41.60	42.00	43.70	41.00	41.70
1977	44.80	45.80	45.80	45.30	46.60	49.90	50.00	49.70	50.60	51.80	49.50	53.90
1978	57.70	58.70	61.00	59.10	59.10	59.10	56.40	57.00	62.20	61.00	59.60	60.60
						WOOL (Cents per Pound) 2/						
1950	51	51	54	54	54	57	59	61	63	66	72	80
1960	44	47	42	45	44	44	43	41	41	41	39	39
1970	40	35	36	36	34	37	36	33	35	32	29	26
1972	16	23	21	26	25	27	35	30	35	38	23	38
1973	82	79	79	80	75	85	82	89	79	80	82	82
1974	105	76	58	66	61	59	66	60	59	52	44	39
1975	42	39	36	40	45	43	47	45	51	56	55	45
1976	--	68	59	66	63	64	67	68	--	62	68	66
1977	74	69	68	66	63	63	59	65	56	59	64	67
1978	61	63	67	72	69	69	69	71	67	71	76	71

1/ Mid-month average price. 2/ Average for the month.

1974
Census of Agriculture

U.S. DEPARTMENT OF COMMERCE / Bureau of the Census

How the 1974 Census of Agriculture Was Taken:

The Mailing List–
During the last week of December 1974, the 1974 Census of Agriculture forms were mailed to a list representing, as nearly as possible, all persons and firms associated with the direction of agricultural operations in 1974. The list included land owners, tenants, renters, sharecroppers, and hired managers, but excluded hired farm laborers.

The Census Forms and Their Distribution–
To avoid undue burden on small farmers and to reduce processing costs, a short version of the census report form was mailed to the over one million addressees estimated to have had both farm receipts and expenses of less than $2,000 in 1973. All other addressees received the standard form.

Followup Procedures–
A series of followup letters plus field followup enumeration were conducted to complete the collection of data.

To insure receiving reports from all large operations, telephone and field followup continued until reports were obtained.

Comparability of Data–
Farm definition changed. "Farms" were defined in the 1974 preliminary county census releases exactly as in 1969 and for all censuses since 1959. They were places on which agricultural operations were conducted at any time during the census year under the control of an individual management. Places of less than 10 acres were counted as farms if the sales of agricultural products for the year amounted, or normally would amount, to at least $250. Places of 10 or more acres were counted as farms if the sales of agricultural products for the year amounted, or normally would amount, to at least $50.
For all final reports of 1974 census data, the definition of a farm was changed to include agricultural operations whose sales amounted to, or normally would amount to, $1,000 or more. Any criterion concerning number of acres was deleted.
The change in farm definition resulted in a reduction from 13,294 to 12,184 in the number of farms included in the 1974 Census of Agriculture final report for Utah -- an 8.4 percent reduction. However, the change in definition resulted in a reduction in value of agricultural products sold of only 0.1 percent.

Tables following are compiled from final published reports of the 1974 U. S. Census of Agriculture for Utah and include reports from those places qualifying as farms under the new definition.

Farms and Farmland: Number and Acreage, by Counties, Utah, 1974.

County	All Farms 1/	Land in Farms		Cropland		Irrigated Land
		Total	Average per Farm	Total	Harvested	
	Number	Acres	Acres	Acres	Acres	Acres
Beaver	183	150,368	822	26,979	20,725	22,542
Box Elder	1,100	1,678,636	1,526	298,072	186,585	94,814
Cache	1,273	286,128	225	159,106	121,612	75,527
Carbon	144	363,302	2,523	15,340	8,196	10,718
Daggett	27	36,544	1,353	8,481	6,534	7,566
Davis	581	120,441	207	33,095	23,237	24,892
Duchesne	534	396,025	742	103,679	45,581	85,293
Emery	372	218,936	589	48,224	21,911	35,687
Garfield	180	120,260	668	26,605	10,268	16,401
Grand	36	159,749	4,437	4,419	2,324	3,095
Iron	337	459,917	1,365	65,854	43,255	46,384
Juab	201	156,760	780	60,386	25,724	14,129
Kane	112	205,077	1,831	11,293	1,825	4,155
Millard	652	536,409	823	156,596	97,891	93,233
Morgan	204	274,279	1,345	19,060	11,971	8,507
Piute	122	64,337	527	17,418	8,969	11,157
Rich	168	545,249	3,246	63,620	50,001	47,728
Salt Lake	592	223,957	378	57,693	36,075	27,662
San Juan	231	507,196	2,196	114,899	57,355	5,015
Sanpete	749	449,441	600	94,753	54,404	56,300
Sevier	413	199,434	483	41,985	29,417	35,293
Summit	304	342,139	1,125	30,219	18,511	20,307
Tooele	229	429,516	1,876	38,651	18,119	15,001
Uintah	413	1,407,879	3,409	72,922	31,076	52,451
Utah	1,605	482,754	301	139,644	92,677	81,854
Wasatch	254	237,433	935	21,028	13,253	15,914
Washington	310	234,895	758	51,040	11,218	10,802
Wayne	146	107,568	737	15,218	10,731	12,900
Weber	712	215,421	303	42,404	29,798	34,318
State Total	12,184	10,610,050	871	1,838,683	1,089,243	969,645

Source: U. S. Census of Agriculture.

1/ See narrative explanation of Census on Page 82 for new definition of a farm.

Small Grains: Acreage and Production by Counties, Utah, 1974.

County	All Farms		Farms with sales of $2500 and Over			
	All Wheat		Oats		Barley	
	Acres	Bushels	Acres	Bushels	Acres	Bushels
Beaver.....	1,736	89,944	242	13,742	281	15,069
Box Elder....	100,960	2,435,100	379	20,915	16,589	849,246
Cache.....	29,115	817,042	638	41,286	26,137	1,004,315
Carbon.....	570	21,755	302	14,044	225	12,116
Daggett.....	0	0	60	2,200	30	240
Davis.....	2,284	118,177	172	10,131	2,018	91,789
Duchesne.....	1,248	51,143	591	34,376	2,292	93,044
Emery.....	858	31,231	1,011	57,812	744	40,472
Garfield.....	785	15,339	247	15,864	294	19,465
Grand.....	111	5,108	22	1,372	2	17
Iron.....	2,563	99,891	280	27,040	7,364	499,639
Juab.....	11,892	177,790	60	2,115	1,420	63,458
Kane.....	10	430	12	620	8	430
Millard.....	19,101	552,367	529	28,990	13,785	745,380
Morgan.....	898	20,966	222	14,844	1,389	87,470
Piute.....	60	2,420	116	6,677	373	20,798
Rich.....	4,347	57,761	293	8,490	2,377	116,045
Salt Lake....	14,490	424,513	227	17,870	2,979	208,580
San Juan.....	36,622	527,057	1,000	16,660	471	7,302
Sanpete.....	4,356	107,333	888	42,893	7,529	346,909
Sevier.....	1,138	51,499	438	30,971	5,361	373,319
Summit.....	506	10,942	157	6,793	790	36,776
Tooele.....	4,762	109,944	97	4,150	1,185	46,089
Uintah.....	1,990	44,611	590	29,900	1,324	59,211
Utah.....	18,181	428,949	787	51,617	12,243	836,182
Wasatch.....	885	18,873	189	9,331	1,261	72,129
Washington...	2,364	40,046	22	550	2,232	135,692
Wayne.....	50	2,570	212	11,636	1,770	111,633
Weber.....	2,286	114,553	205	10,916	2,220	127,196
State Total..	264,168	6,377,354	9,988	533,805	114,693	6,020,011

Source: U. S. Census of Agriculture.

Corn and Potatoes: Acreage and Production, by Counties, Utah, 1974.

County	Farms With Sales of $2500 and Over					All Farms	
	Corn						
	For Grain or Seed		Silage or Green Chop		Fodder Hogged or Grazed	Potatoes	
	Acres	Bushels	Acres	Tons	Acres	Acres	Cwt.
Beaver.....	40	960	1,474	20,615	0	80	22,300
Box Elder....	509	36,152	7,617	155,440	0	165	27,200
Cache.....	273	10,886	7,997	140,687	30	55	9,005
Carbon.....	20	480	554	8,270	27	6	715
Daggett.....	0	0	0	0	0	0	0
Davis.....	476	38,171	2,930	55,621	24	845	141,956
Duchesne.....	657	41,643	3,374	38,218	85	5	357
Emery.....	611	45,787	1,136	16,939	442	1	126
Garfield.....	0	0	119	1,161	0	13	2,299
Grand.....	118	4,389	99	1,550	8	1	50
Iron.....	65	1,528	2,069	35,671	445	2,413	529,600
Juab.....	0	0	607	9,090	0	4	463
Kane.....	0	0	0	0	8	2	200
Millard.....	385	20,669	4,828	63,181	0	258	32,700
Morgan.....	0	0	198	4,210	0	12	1,900
Piute.....	0	0	625	9,077	20	0	0
Rich.....	0	0	23	460	0	0	0
Salt Lake....	651	74,570	1,777	32,561	0	45	4,552
San Juan.....	6	225	303	*	0	4	283
Sanpete.....	91	5,660	3,538	56,102	0	108	2,476
Sevier.....	481	39,481	3,404	57,370	27	7	1,120
Summit.....	0	0	4	60	0	4	1,050
Tooele.....	20	480	134	2,117	0	6	222
Uintah.....	927	34,874	2,607	32,471	72	3	225
Utah.....	3,802	362,700	7,042	120,692	145	110	15,302
Wasatch.....	0	0	302	3,401	211	1/	28
Washington...	40	960	20	520	0	80	11,400
Wayne.....	0	0	493	5,420	20	100	15,457
Weber.....	331	33,019	5,195	94,394	42	121	20,796
State Total..	9,503	752,634	58,469	969,810	1,606	4,444	841,782

Source: U. S. Census of Agriculture.
*Production not published. 1/ Less than 0.5 acres.

Hay: Acreage and Production by Counties, Utah, 1974.

County	All Farms		Farms with Sales of $2500 and Over			
	Hay		All Hay		Alfalfa Hay	
	Acres	Tons	Acres	Tons	Acres	Tons
Beaver.....	16,994	58,988	16,164	57,658	15,288	55,611
Box Elder.....	46,746	137,045	44,172	130,077	35,773	115,166
Cache.....	52,783	150,765	48,716	139,130	42,975	127,091
Carbon.....	6,117	15,356	4,816	12,134	4,241	10,969
Daggett.....	6,494	13,182	6,334	13,038	2,713	7,034
Davis.....	10,457	33,696	8,798	29,014	6,410	23,593
Duchesne.....	37,447	83,324	35,597	80,223	21,427	54,364
Emery.....	16,671	45,660	14,829	41,813	11,980	35,756
Garfield.....	8,616	22,100	7,340	19,650	5,886	16,560
Grand.....	1,813	5,705	1,673	5,373	1,582	5,123
Iron.....	27,565	95,836	26,013	91,600	24,879	89,660
Juab.....	10,378	27,173	9,186	24,724	7,065	21,059
Kane.....	1,727	2,878	1,492	2,581	1,344	2,340
Millard.....	46,629	158,140	45,317	154,895	42,455	147,803
Morgan.....	9,038	20,901	8,235	19,129	6,144	15,517
Piute.....	7,705	17,533	7,291	16,862	5,134	13,983
Rich.....	43,563	65,722	43,274	65,277	9,795	20,487
Salt Lake.....	13,008	48,821	11,087	42,455	9,328	37,223
San Juan.....	3,285	7,706	3,043	7,341	2,255	6,403
Sanpete.....	37,377	102,481	34,882	97,875	25,642	78,837
Sevier.....	17,916	66,094	16,849	63,494	14,993	58,037
Summit.....	16,829	37,666	15,608	34,931	7,937	19,608
Tooele.....	11,524	30,234	9,972	26,016	7,920	22,950
Uintah.....	22,688	47,881	18,780	40,898	15,091	35,303
Utah.....	38,036	126,601	33,558	114,437	24,129	91,503
Wasatch.....	10,664	27,326	9,498	24,808	6,700	18,486
Washington....	5,058	18,184	4,404	15,804	3,368	12,478
Wayne.....	8,035	22,528	7,581	21,566	6,697	19,974
Weber.....	15,763	47,764	12,985	40,540	8,612	31,349
State Total...	550,926	1,537,290	507,494	1,433,343	377,763	1,194,267

Source: U.S. Census of Agriculture.

Cattle and Calves: Inventory, by Counties, Utah, December 31, 1974.

County	All Farms				Farms with Sales of $2500 and Over				
	Farms Reporting Cattle	Cattle and Calves	Cows and Heifers that Have Calved		Cattle and Calves	Heifer and Heifer Calves		Bulls and Steers Including Calves	Cattle fattened on Grain and Concentrates
			Beef Cows	Milk Cows		Beef Heifers	Milk Heifers		
	Number	Number	Number	Number	Number	Number	Number	Number	Number
Beaver.....	144	24,796	9,622	2,667	23,932	3,413	1,238	7,329	350
Box Elder....	645	88,260	34,848	8,655	86,647	14,453	5,586	23,773	9,849
Cache.....	870	58,501	8,869	16,999	54,138	4,333	11,143	14,356	12,101
Carbon.....	108	14,997	6,790	53	13,765	*	*	4,761	213
Daggett.....	19	4,142	2,634	11	3,975	593	0	784	0
Davis.....	324	24,429	7,520	2,839	22,610	3,004	1,657	8,343	7,160
Duchesne.....	451	48,644	22,054	3,501	46,572	9,096	1,528	11,344	564
Emery.....	305	27,493	13,373	1,128	25,070	4,660	749	6,394	1,455
Garfield.....	156	16,079	9,319	189	14,440	2,785	128	2,913	30
Grand.....	27	8,201	4,378	106	8,060	2,382	57	1,231	87
Iron.....	233	22,887	9,486	496	21,336	4,629	1,512	6,003	1,664
Juab.....	142	15,569	6,968	200	13,724	3,340	148	4,072	1,881
Kane.....	100	11,031	6,683	54	10,239	*	*	1,514	13
Millard.....	423	66,619	25,251	4,479	65,531	12,736	5,293	18,264	16,567
Morgan.....	134	9,249	3,451	1,158	8,513	1,557	513	2,124	54
Piute.....	92	10,813	4,825	1,253	10,664	1,647	574	2,434	427
Rich.....	140	40,922	24,689	162	40,735	9,686	32	6,227	1,022
Salt Lake....	296	16,817	4,362	3,922	14,881	2,089	2,200	3,255	1,030
San Juan.....	142	26,682	14,222	98	26,125	5,672	117	6,307	1,554
Sanpete.....	480	43,242	17,579	5,685	41,235	5,818	3,388	10,030	2,612
Sevier.....	265	36,625	10,966	1,424	35,873	7,263	1,149	15,466	11,578
Summit.....	231	19,851	8,342	3,213	18,824	2,699	1,697	3,370	438
Tooele.....	167	13,826	8,693	249	12,056	1,754	55	2,141	104
Uintah.....	334	49,042	24,220	1,072	38,315	9,270	471	9,192	383
Utah.....	875	60,583	19,138	7,291	53,901	8,845	4,514	17,006	13,632
Wasatch.....	173	11,536	3,643	2,523	10,716	1,332	1,269	2,252	309
Washington...	234	19,861	9,407	1,421	18,283	3,150	838	4,349	518
Wayne.....	113	14,929	7,162	691	14,437	2,744	353	3,726	558
Weber.....	464	34,223	6,923	6,120	30,919	6,916	3,556	8,753	11,988
State Total..	8,087	839,849	335,417	77,659	785,516	140,554	50,265	207,713	98,141

Source: U. S. Census of Agriculture.
*Production not published.

Sheep and Lambs: Utah, Inventory by Counties, December 31, 1974 and Sheep and Lambs Shorn, 1974.

County	All Farms		Farms with Sales of $2500 and Over			
	Farms Reporting Sheep	Sheep and Lambs	Lambs Under 1 Year	Ewes 1 Year Old and Older	Sheep and Lambs Shorn	
	Number	Number	Number	Number	Number	Pounds of Wool
Beaver.....	11	3,528	740	2,614	3,161	36,730
Box Elder...	132	54,511	14,936	38,252	48,360	498,087
Cache.....	88	14,186	7,630	5,212	5,859	58,434
Carbon.....	43	15,871	3,911	11,322	12,153	125,192
Daggett.....	8	6,330	1,415	4,687	5,423	63,139
Davis.....	71	5,748	714	4,341	5,452	63,133
Duchesne....	144	26,508	5,927	17,920	21,965	239,090
Emery.....	99	11,728	4,381	6,172	9,081	87,383
Garfield....	51	5,476	1,149	3,664	5,008	50,797
Grand.....	2	36	10	24	*	*
Iron.....	113	56,292	18,641	33,266	35,567	363,970
Juab.....	22	6,749	892	5,633	5,730	56,219
Kane.....	30	4,426	554	3,529	4,062	37,112
Millard.....	54	12,621	2,242	9,965	12,845	128,170
Morgan.....	48	43,092	7,004	34,323	34,417	364,304
Piute.....	21	5,327	1,006	3,713	4,802	54,654
Rich.....	51	32,522	3,976	27,353	31,793	325,251
Salt Lake...	121	34,981	5,785	27,126	29,283	319,676
San Juan....	38	12,533	5,266	5,071	*	*
Sanpete.....	324	122,349	30,194	84,573	91,667	987,412
Sevier.....	96	30,068	13,219	15,558	16,885	173,402
Summit.....	104	56,216	18,445	35,413	39,615	434,288
Tooele.....	71	29,265	1,863	25,866	26,977	287,824
Uintah.....	137	25,381	5,064	18,085	26,382	256,893
Utah.....	231	71,689	17,058	51,311	57,029	524,539
Wasatch.....	63	40,647	6,105	33,084	32,009	323,789
Washington..	38	2,166	298	1,375	1,595	16,390
Wayne.....	58	15,895	6,521	8,487	9,041	96,815
Weber.....	67	13,120	7,440	4,269	59,116	377,099
State Total.	2,336	759,261	192,386	522,208	640,655	6,404,214

Source: U. S. Census of Agriculture.
*Not published to avoid disclosure of individual farm information.

Hogs and Poultry: Utah, Inventory December 31, 1974 and Sales during 1974.

County	All Farms					Farms with Sales of $2500 and Over	
	Hog and Pig Inventory		Hogs Sold	Chickens Over 3 Months Old		Turkeys Sold	
	Farms Reporting	Hogs		Farms Reporting	Chickens	Farms Reporting	Turkeys
	Number	Number	Number	Number	Number	Number	Number
Beaver.....	20	450	1,293	9	241	0	0
Box Elder...	89	3,234	4,346	58	8,832	3	57,330
Cache.....	105	3,711	6,366	75	44,699	2	40
Carbon.....	36	519	683	27	3,683	0	0
Daggett.....	2	16	7	5	164	0	0
Davis.....	46	919	990	67	2,869	4	438,361
Duchesne....	66	933	1,591	77	3,369	0	0
Emery.....	72	437	844	39	1,091	0	0
Garfield....	23	225	215	16	1,445	0	0
Grand.....	9	158	279	7	2,949	0	0
Iron.....	32	220	188	37	1,306	0	0
Juab.....	19	153	171	9	466	0	0
Kane.....	8	15	64	29	742	0	0
Millard.....	103	1,828	3,223	84	19,724	0	0
Morgan.....	41	125	71	14	249	1	*
Piute.....	16	113	118	13	375	0	0
Rich.....	8	80	352	8	238	0	0
Salt Lake...	79	6,537	7,879	86	902,720	2	*
San Juan....	9	478	780	14	1,265	0	0
Sanpete.....	104	2,783	3,106	65	57,026	110	1,912,765
Sevier.....	43	925	1,459	18	496	4	274,900
Summit.....	31	273	728	23	23,945	0	0
Tooele.....	53	2,899	5,195	46	7,743	0	0
Uintah.....	55	2,371	4,170	75	3,352	0	0
Utah.....	171	5,575	8,887	125	906,528	5	294,950
Wasatch.....	15	87	335	21	62,516	0	0
Washington..	32	271	207	45	*	1	*
Wayne.....	32	350	456	11	373	0	0
Weber.....	65	1,610	2,139	68	29,802	2	*
State Total.	1,384	37,295	56,142	1,171	2,109,377	134	4,404,677

Source: U.S. Census of Agriculture.
*Not published to avoid disclosure of individual farm information.

Weather

E. Arlo Richardson and Kenneth G. Hubbard
State Department of Agriculture Climatologists

The variable weather conditions which existed during the past several years continued during 1978. Both temperature and precipitation were generally much above normal during the first three months. Hence, the growing season in most areas of the State began with adequate soil moisture for crops and ranges. The mild winter temperatures, however, allowed an excessive number of insect pests to survive. The mild temperatures resulted in winter moisture falling mostly as rain in the lower valleys. The snowpack in the mountains, on the other hand, was excellent for soil moisture recharge, streamflow, and water supply. Most reservoirs lowered during the drought continued to fill.

Temperatures moderated in the western half of the State during April as early crop growth began, but precipitation continued above normal. The weather pattern shifted the first part of May. Average temperatures in all areas of the State were two to four degrees cooler than normal for the month. May precipitation continued above normal, but departures were much less than earlier in the year. May temperatures were too cool for good growth of such crops as alfalfa and corn but just right for weeds. The result was a weedy first crop of alfalfa in many northern areas. A serious frost condition the last few days of May and the first few days of June caused considerable damage to crops in the northern half of the State. Temperatures were not cold enough, however, to seriously damage fruit crops.

Summer precipitation averaged much below normal in most areas of the State. Summer thunderstorms developed in the southeastern section of the State early in August and brought needed moisture to cattle ranges in that area. Temperatures began the summer season a couple of degrees above normal but averaged much below normal during the latter part of the summer. The cool temperatures of May and the late frost followed by the below normal summer temperatures caused late maturity of most crops, especially corn and tomatoes.

Temperatures during September continued several degrees below normal, but precipitation increased to above normal except in the southeastern section. October returned to a dry, cool regime with both temperatures and precipitation averaging below normal. The lack of moisture in October caused many winter wheat farmers to delay planting. November reversed the pattern again with much above normal precipitation in all areas of the State. Temperatures continued below normal in all but southeastern Utah.

December started with fairly normal weather, but as the month progressed, precipitation increased to well above normal in southern Utah. The northern part of the State remained below normal. Temperatures during December dropped dramatically resulting in the coldest December since 1972. The Uinta Basin averaged 15 degrees below normal for the month while other climate divisions ranged between four and nine degrees below. The extreme minimum temperatures ranged between -20 and -27 in Cache Valley and dropped as low as -46 at Woodruff. The extreme cold caused considerable damage to fruits and sensitive landscape plantings of Northern Utah.

Frost Free Period, Utah, 1978 and Normal (1931-60).

Station	1978			Normal		
	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates	Last Spring Minimum of 32° or Below	First Fall Minimum of 32° or Below	Number of Days Between Dates
WESTERN						
Delta	4-23	9-18	148	5-11	9-30	142
Milford WSO	6-1	9-13	104	5-18	9-26	131
Modena	5-27	--	--	5-21	9-28	130
Park Valley	5-31	9-8	100	5-19	9-29	133
Wendover	4-22	10-26	187	4-21	10-23	186
DIXIE						
St. George	2-20	11-14	267	4-1	11-10	223
Zion Nat'l Park	4-17	11-13	210	4-6	11-7	215
NORTH CENTRAL						
Corinne	5-31	9-19	111	5-14	9-28	138
Elberta	5-31	9-19	111	5-14	9-30	140
Farmington USU	5-5	9-18	136	5-4	10-12	161
Logan USU	5-6	9-18	135	5-8	10-13	159
Ogden Pioneer PH	5-5	9-18	136	5-1	10-14	167
SLC Airport	5-19	10-26	160	5-3	10-11	161
Tooele	5-31	9-18	110	4-28	10-24	179
Trenton	6-11	9-18	99	5-31	9-12	104
Utah Lake Lehi	6-1	9-18	109	5-18	9-28	134
SOUTH CENTRAL						
Cedar City FAA	5-18	9-19	124	5-17	9-30	136
Fillmore	5-6	9-18	135	5-4	10-11	160
Kanab PH	5-7	11-12	189	5-6	10-13	160
Levan	5-31	9-18	110	5-16	10-3	140
Loa	6-1	8-15	75	6-22	8-29	68
Manti	6-1	9-18	136	5-24	9-28	128
Nephi	--	--	--	5-11	10-2	145
Panguitch	6-1	9-12	103	6-19	9-3	76
Richfield KSVC	6-1	9-13	104	5-28	9-18	113
NORTHERN MOUNTAINS						
Coalville	6-13	9-14	93	6-16	8-29	74
Heber	6-1	9-14	105	6-11	9-3	84
Morgan	6-1	9-18	109	6-5	9-8	96
Olmstead PH	5-7	9-18	134			
Scofield	7-23	8-15	23	6-29	8-25	57
Silver Lake Brighton	7-3	8-13	41	7-5	8-27	53
Woodruff	6-26	8-15	50	6-27	8-23	57
UINTA BASIN						
Duchesne AP	5-9	9-19	133	5-28	9-20	115
Fort Duchesne	6-4	9-13	121	5-26	9-16	114
Vernal AP	5-31	9-19	111	5-28	9-15	110
SOUTHEAST						
Blanding	5-8	9-20	135	5-15	10-6	144
Green River Avn.	5-9	9-20	134	5-1	10-10	163
Hanksville FAA	4-23	9-19	149	4-22	10-20	182
Moab 4 NW	4-22	9-21	152	4-21	10-21	183
Monticello	5-18	9-19	124	5-24	10-3	132
Price Warehouse	5-17	9-20	126	5-15	10-5	144

Source: Utah State Department of Agriculture Climatologist, Dept. of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Total Precipitation (inches), Utah, 1978.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	1.56	1.02	1.38	.91	.52	.03	.06	.95	1.78	.25	2.00	.10	10.56
Milford WSO	1.56	.80	2.00	1.49	1.44	T	.46	.48	1.70	.33	2.21	.59	13.06
Modena	1.31	2.11	3.36	1.42	.99	T	1.21	1/.07	1/1.76	1/1.27	1/2.16	.33	1/15.99
Park Valley	1.71	1.84	3.16	1.84	.44	.18	.96	.27	.39	T	1.29	.67	12.75
Wendover	.58	.47	1.34	.89	.48	.02	.04	.00	.50	.00	.70	.05	5.07
Division	1.00	1.13	1.69	1.57	.73	.07	.23	.55	1.35	.18	1.48	.46	10.44
DIXIE													
St. George	2.49	1.23	4.38	1.04	.32	.00	.49	.02	1.45	.77	2.28	1.34	15.81
Zion Nat'l Park	4.81	3.40	7.07	2.21	.88	.00	.34	.38	.75	.28	3.25	2.00	25.37
Division	3.66	2.38	5.66	2.34	.68	.00	.50	.26	1.04	.60	2.92	1.75	21.79
NORTH CENTRAL													
Corinne	2.06	3.31	2.11	3.25	1.14	.29	.12	.91	3.21	.00	3.01	3.03	22.44
Elberta	1.37	.98	2.55	1.87	.70	T	.01	1.03	1.25	.01	2.28	.48	12.53
Farmington USU	3.70	2.68	3.65	5.87	1.42	.16	.01	1.94	3.31	.00	2.55	1.52	26.81
Logan USU	1.31	2.12	1.53	3.71	1.95	.09	.08	1.19	2.81	T	1.44	1.98	18.21
Ogden Pioneer PH	3.97	3.08	3.77	3.64	1.23	.14	.13	1.23	2.85	.00	3.04	1.52	24.60
SLC Airport	2.33	1.96	3.47	2.90	1.57	.06	.06	.92	2.51	T	1.73	.58	18.09
Tooele	1.51	2.04	3.68	3.40	1.41	.08	T	1.22	2.34	T	2.54	1.77	19.99
Trenton	2.14	2.03	2.35	3.43	1.52	.01	.06	.77	2.43	.00	1.56	2.73	19.03
Utah Lake Lehi	1/2.13	1.67	3.72	2.19	.80	.03	.07	1.44	1.75	.05	1.89	.56	1/16.30
Division	2.27	2.31	3.32	3.33	1.13	.11	.11	1.18	2.45	.03	2.37	1.39	20.00
SOUTH CENTRAL													
Cedar City FAA	.87	.97	2.97	1.48	1.43	.00	.41	.24	1.33	.69	2.56	.95	13.90
Fillmore	3.01	2.06	2.27	1.74	1.15	.06	T	.54	2.32	.74	1.83	1.07	16.79
Kanab PH	4.33	2.72	4.96	1.08	.95	T	.24	.72	.69	1.19	4.68	2.93	24.49
Levan	2.30	1.60	3.06	1.85	1.29	.04	.02	.59	2.06	.36	2.70	1.02	16.89
Loa	1/.88	.31	.52	.44	.82	.05	.47	.30	.55	.62	1/1.71	1/.55	1/7.22
Manti	2.34	1.77	2.66	1.88	.73	T	.07	.34	2.02	.35	2.31	1.09	15.56
Nephi	2.79	1.63	4.00	2.02	.87	.00	.06	.93	1.97	.30	3.60	1.09	1/19.26
Panguitch	.85	1.49	.90	1.22	.39	.00	.71	.37	1.89	.25	3.23	1.27	12.57
Richfield KSVC	1.65	.87	1.59	.91	.41	.03	.01	.52	1.46	.28	1.98	.38	10.09
Division	2.10	1.86	2.65	1.57	.88	.04	.36	.45	1.54	.68	3.45	1.48	17.06
NORTHERN MOUNTAINS													
Coalville	1.32	1.31	2.61	3.69	.90	.44	.00	1.32	2.44	T	1/2.04	1.16	1/17.23
Heber	1.98	1.82	2.71	2.84	.38	.18	.00	1.19	1.64	.04	3.12	1.04	16.94
Morgan	1.75	1/1.42	1/2.11	3.73	.79	.39	.02	1.33	2.70	.03	2.13	1.95	1/18.35
Olmstead PH	3.86	2.82	4.84	3.95	.53	.03	T	1.45	2.55	.05	3.75	1.09	24.92
Scofield	2.31	1.48	2.66	1.95	1.00	.25	.07	.53	.65	.51	2.96	1.55	15.92
Silver Lake Brighton	5.88	6.20	5.70	6.85	2.50	.48	.02	2.46	4.21	.24	5.72	6.31	46.57
Woodruff	.62	1.11	.56	1.21	.59	.98	.17	.55	2.62	.01	1.28	.48	10.18
Division	2.06	2.15	3.02	3.35	1.01	.43	.11	1.29	2.07	.11	2.61	1.65	19.86
UINTA BASIN													
Duchesne AP	1.07	.40	.95	1.18	.34	.43	.15	1.34	.40	.25	1/1.80	.40	1/8.71
Fort Duchesne	1.10	.03	.57	1.26	.55	.21	.00	3.55	.38	1/.26	1/1.06	.41	1/9.38
Vernal AP	1/1.57	.75	1.39	1.39	1.06	.00	T	.85	.44	.22	1.25	1.11	1/10.03
Division	1.27	.40	1.31	1.36	.70	.24	.19	.98	.37	.30	1.59	.82	9.53
SOUTHEAST													
Blanding	4.03	2.69	1.87	1.02	.69	.08	.07	.08	.57	1.29	2.67	4.34	19.40
Green River Avn.	1.67	.70	.77	.48	.36	T	.05	.16	.47	.41	1.89	.74	7.70
Hanksville FAA	1.61	.50	.39	.21	.55	.03	.98	.02	.36	.27	1.51	1.23	7.66
Moab 4 NW	2.19	1.01	.67	2.66	.40	T	.11	.10	.07	.11	1.28	1.86	10.46
Monticello	3.73	2.22	1.91	1.38	.84	.13	.38	.20	.44	1.04	4.32	4.79	21.38
Price Warehouse	1.59	1.61				T	.70	.15	T		3.47	.77	
Division	2.09	1.23	1.47	1.02	.69	.06	.34	.20	.38	.83	2.37	2.00	12.68
STATE AVERAGE	1.77	1.49	2.16	1.79	.81	.12	.26	.61	1.26	.43	2.33	1.30	14.34

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. 1/ Amount is wholly or partially estimated.
Footnote: Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Precipitation (inches), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	.61	.70	1.04	.90	.61	.56	.51	.68	.61	.78	.67	.73	8.40
Modena	.69	.67	.82	.81	.56	.55	.94	1.34	.62	.96	.74	.78	9.48
Park Valley	.95	.77	.70	.78	1.16	1.28	.79	.99	.56	.61	.96	.92	10.47
Wendover	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	.32	4.88
Division	.60	.59	.75	.87	.84	.82	.61	.76	.50	.76	.69	.70	8.49
DIXIE													
St. George	.88	.83	.90	.52	.38	.19	.61	.64	.48	.57	.69	.87	7.56
Zion Nat'l Park	1.55	1.58	1.69	1.27	.69	.62	.84	1.57	.80	1.04	1.16	1.55	14.36
Division	1.15	1.21	1.30	.91	.53	.38	.89	.95	.67	.88	.91	1.17	10.94
NORTH CENTRAL													
Corinne	1.55	1.29	1.40	1.75	1.84	1.53	.39	.61	.87	1.06	1.61	1.72	15.62
Elberta	.85	.84	.98	1.07	1.05	.94	.62	1.05	.61	.96	.87	1.09	10.93
Farmington USU	2.01	1.73	2.03	2.65	2.06	1.73	.40	1.09	.93	1.54	1.90	1.89	19.96
Logan USU	1.36	1.45	1.74	2.12	1.86	1.78	.34	.87	.94	1.43	1.79	1.64	17.59
Ogden Pioneer PH	2.13	1.67	2.01	2.44	2.01	1.79	.56	.96	1.01	1.61	1.89	2.03	20.11
SLC Airport	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.17
Tooele	1.14	1.34	1.84	2.20	1.64	1.35	.70	.93	.72	1.44	1.51	1.50	16.31
Trenton	1.77	1.31	1.43	1.63	2.33	1.35	.64	.86	1.12	1.25	1.21	.98	15.88
Utah Lake Lehi	.81	.75	1.08	1.18	1.03	.93	.60	.89	.60	.95	.90	1.03	10.75
Division	1.47	1.32	1.62	1.96	1.67	1.50	.59	.94	.85	1.36	1.49	1.56	16.34
SOUTH CENTRAL													
Cedar City FAA	.65	.76	1.12	1.05	.68	.54	.96	1.22	.72	.89	.96	.78	10.33
Fillmore	1.36	1.52	1.74	1.76	1.18	.93	.62	.99	.80	1.14	1.34	1.40	14.78
Kanab PH	1.47	1.10	1.21	.89	.60	.44	.88	1.55	.75	.95	.96	1.41	12.21
Levan	1.27	1.25	1.64	1.68	1.33	1.01	.68	1.03	.92	1.19	1.20	1.46	14.66
Loa	.36	.25	.44	.48	.60	.59	1.14	1.33	.74	.75	.41	.39	7.48
Manti	1.04	1.16	1.35	1.40	1.13	1.01	.73	1.01	.84	1.13	1.00	1.13	12.93
Nephi	1.23	1.21	1.45	1.55	1.36	.89	.64	1.04	.85	1.14	1.17	1.40	13.93
Panguitch	.53	.56	.72	.73	.65	.69	1.49	1.56	.94	.81	.63	.59	9.90
Richfield KSVC	.57	.65	.79	.79	.72	.61	.78	.72	.69	.66	.59	.59	8.16
Division	1.03	.98	1.18	1.13	.88	.76	.96	1.39	.88	1.03	.93	1.08	12.25
NORTHERN MOUNTAINS													
Coalville	1.24	1.05	1.46	1.53	1.50	1.37	.78	1.02	.84	1.23	1.36	1.40	14.78
Heber	1.97	1.43	1.28	1.34	1.15	1.25	.68	1.05	.85	1.29	1.61	1.92	15.82
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.08
Olmstead PH													
Scofield													
Silver Lk Brighton	5.35	4.80	5.53	4.50	2.87	2.65	1.28	1.95	1.74	3.05	4.75	5.34	43.81
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.26
Division	2.19	1.89	2.05	1.86	1.52	1.52	.86	1.34	1.05	1.57	1.82	2.24	19.91
UINTA BASIN													
Duchesne AP	.50	.46	.58	.66	.82	1.01	.76	1.05	.81	.93	.49	.64	8.71
Fort Duchesne	.47	.36	.43	.61	.68	.86	.46	.72	.63	.89	.51	.61	7.23
Vernal AP	.54	.42	.52	.73	.62	.96	.45	.76	.66	.90	.55	.71	7.82
Division	.51	.43	.50	.68	.68	.90	.62	.87	.72	.94	.51	.69	8.05
SOUTHEAST													
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Green River Avn.	.33	.35	.38	.49	.51	.50	.42	.97	.56	.77	.39	.44	5.11
Hanksville FAA	.22	.20	.30	.44	.33	.38	.46	1.02	.48	.71	.33	.33	5.20
Moab 4 NW	.48	.55	.63	.85	.61	.56	.47	.89	.64	1.05	.62	.59	7.94
Monticello	.93	.78	.96	.99	.91	.58	1.57	2.18	1.21	1.64	.84	1.22	13.81
Price Warehouse	.76	.67	.69	.62	.64	.79	.97	1.24	1.07	1.03	.53	.87	9.88
Division	.61	.56	.60	.68	.59	.56	.74	1.23	.77	1.07	.61	.73	8.73
STATE AVERAGE	.96	.88	1.02	1.07	.92	.88	.75	1.10	.76	1.05	.92	1.05	11.36

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. T-an amount too small to measure. Footnote: Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Mean Monthly Temperature (°F), Utah, 1978.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	33.6	37.4	46.1	48.2	54.0	66.4	73.6	69.0	59.7	53.2	33.7	22.5	49.8
Milford WSO	33.4	36.4	45.0	46.9	52.7	65.5	73.2	69.8	59.7	52.7	34.2	23.2	49.4
Modena	1/31.9	1/36.7	44.6	45.8	53.4	64.4	70.9	1/	1/	1/	1/	1/23.7	
Park Valley	29.0	32.2	41.7	43.0	49.0	59.3	1/69.1	66.4	56.0	50.5	32.0	20.5	1/45.7
Wendover	34.1	38.8	1/47.9	50.2	58.0	1/69.4	1/79.1	1/77.0	1/67.1	1/54.6	1/36.1	24.9	1/53.1
2/Division	33.4	36.8	45.6	47.6	54.4	65.8	73.9	70.1	60.2	52.9	35.4	23.9	
DIXIE													
St. George	1/45.3	1/48.2	1/56.3	1/	1/67.9	1/79.9	1/84.6	81.8	1/71.8	1/67.4	1/49.4	1/36.9	
Zion Nat'l Park	42.3	44.8	53.5	56.0	64.9	77.9	84.7	81.9	72.5	1/67.5	47.5	35.8	1/60.8
2/Division	42.2	45.1	52.8	54.3	63.7	75.8	81.6	79.1	70.1	65.4	46.8	35.1	
NORTH CENTRAL													
Corinne	32.7	37.5	45.4	49.4	55.0	65.9	74.8	70.3	60.9	53.4	34.8	1/23.1	1/50.3
Elberta	32.3	37.2	46.5	48.8	55.3	67.8	76.4	71.6	61.9	53.5	36.6	24.1	51.0
Farmington USU	34.3	37.7	46.4	49.1	55.8	66.0	74.4	70.4	62.0	54.4	37.1	26.4	51.2
Logan USU	30.8	34.0	43.8	46.3	52.1	63.3	72.5	68.6	59.9	53.2	32.2	22.0	48.2
Ogden Pioneer PH	33.7	37.2	46.5	49.1	55.6	68.3	76.3	72.0	62.1	55.3	36.3	25.3	51.5
SLC Airport	36.3	39.8	48.0	50.2	56.0	69.2	78.0	74.0	64.0	55.5	41.0	26.8	53.2
Tooele	33.9	37.0	46.3	48.6	55.6	67.3	76.8	72.4	61.4	53.6	36.5	26.5	51.3
Trenton	30.6	33.8	42.8	45.7	50.0	59.9	67.6	63.7	56.7	47.7	29.0	20.7	45.7
Utah Lake Lehi	32.9	35.7	43.3	48.0	54.7	63.6	71.9	67.9	58.5	51.1	34.8	21.9	48.7
2/Division	32.5	35.9	44.9	47.9	54.0	65.8	74.3	70.0	60.4	53.1	34.9	23.7	
SOUTH CENTRAL													
Cedar City FAA	34.8	38.3	46.4	48.3	54.0	67.6	74.4	71.9	61.4	55.2	37.8	27.1	51.4
Fillmore	33.6	37.9	47.4	48.9	55.9	68.2	75.7	72.2	63.2	56.0	36.8	24.8	51.7
Kanab PH	38.7	40.5	48.9	50.9	58.3	69.1	74.8	72.1	65.2	60.2	44.2	31.1	54.5
Levan	31.2	34.7	45.1	47.8	53.3	66.0	73.6	1/69.3	60.9	54.3	36.1	22.1	1/49.5
Loa	22.2	24.7	39.7	43.8	49.2	59.7	65.0	1/62.1	54.0	48.5	1/33.3	19.2	1/43.5
Manti	28.7	29.9	43.3	46.6	52.1	63.6	71.0	67.5	59.4	53.3	36.7	23.5	48.0
Nephi	33.1	36.3	46.1	48.7	1/	1/	1/73.5	1/68.9	61.7	54.3	37.8	24.9	
Panguitch	26.9	29.5	40.8	43.8	48.8	59.6	65.8	62.8	55.0	49.6	35.2	20.0	44.8
Richfield KSVC	31.3	35.5	45.2	48.7	53.5	64.0	70.3	67.8	60.4	52.6	37.5	27.0	49.5
2/Division	29.8	32.3	42.6	45.4	51.6	63.4	70.2	67.0	58.6	52.8	35.9	23.4	
NORTHERN MOUNTAINS													
Coalville	27.3	31.7	39.6	43.6	49.5	58.6	65.2	62.7	55.1	48.4	1/	1/	
Heber	24.5	27.3	38.1	44.8	50.1	1/60.2	67.3	1/63.5	55.4	1/48.5	30.1	1/17.3	1/43.9
Morgan	28.3	32.8	41.2	45.9	51.3	61.6	1/70.0	65.3	57.6	50.0	31.1	20.8	1/46.3
Olmstead PH	31.7	1/35.6	45.0	48.4	54.9	1/68.6	1/75.2	71.0	61.8	55.6	1/36.0	25.1	1/50.7
Scofield	17.7	19.2	31.2	36.9	42.3	52.2	57.9	55.5	48.5	43.0	28.7	13.3	37.2
Silver Lake Brighton	21.5	22.6	31.2	33.3	38.6	50.1	58.0	53.9	1/46.7	42.3	26.1	14.0	1/36.5
Woodruff	20.3	20.5	32.1	40.8	44.9	55.9	62.5	58.7	50.6	44.2	23.8	10.6	38.7
2/Division	24.3	26.4	36.1	42.2	47.9	58.5	66.1	62.1	54.2	47.5	29.5	17.1	
UINTA BASIN													
Duchesne AP	20.2	21.9	1/38.0	46.6	52.9	64.8	72.8	68.9	1/60.2	1/51.4	1/29.1	1/11.7	1/44.9
Fort Duchesne	1/19.4	19.4	1/40.0	1/48.9	1/54.0	1/64.2	1/72.3	1/67.7	1/58.7	1/50.0	1/28.8	1/	
Vernal AP	21.4	23.3	40.0	48.8	53.8	66.4	74.0	69.1	59.5	49.2	27.8	7.0	45.0
2/Division	21.2	22.6	40.1	47.9	54.0	65.7	72.3	68.7	59.8	50.4	28.7	9.0	
SOUTHEAST													
Blanding	31.0	32.5	44.4	48.9	54.8	1/68.4	74.1	71.2	63.1	55.7	39.9	22.6	1/50.6
Green River Avn.	1/25.1	1/33.3	1/	1/54.3	1/60.0	1/72.7	1/78.3	1/74.2	1/64.3	1/55.3	1/42.1	1/17.5	
Hanksville FAA	28.2	36.3	49.0	55.2	61.6	75.4	79.4	77.0	66.6	56.3	41.8	18.2	53.8
Moab 4 NW	33.7	39.2	52.7	58.8	63.8	75.0	81.7	79.5	70.0	59.9	46.3	25.0	57.1
Monticello	1/25.1	26.2	39.4	44.6	50.8	63.8	69.6	66.6	58.6	50.6	36.1	1/17.8	1/45.8
Price Warehouse	25.2	27.4	1/	1/	1/	69.0	76.3	72.7	1/63.0	1/	40.0	19.8	
2/Division	30.3	33.8	46.2	51.8	58.0	71.1	77.2	74.2	65.5	57.2	41.7	21.9	

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. 1/ One or more days record missing; if average value is entered, less than 10 days record missing. 2/ Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Normal Monthly Temperature (°F.), Utah, 1941-70.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	25.7	31.4	38.1	47.2	56.5	65.2	74.3	72.6	63.0	50.7	37.3	28.5	49.2
Modena	27.8	32.8	38.0	46.4	55.0	63.7	72.0	70.2	62.1	50.7	38.1	29.9	48.9
Park Valley	24.4	29.0	34.8	44.0	53.5	60.7	71.8	69.9	60.4	49.1	35.6	27.0	46.7
Wendover	27.4	34.2	41.1	50.8	60.8	69.2	79.3	76.7	66.2	52.8	38.6	29.7	52.2
Division	25.9	31.8	38.0	47.2	56.4	64.4	74.0	72.0	62.4	50.6	37.2	28.6	49.0
DIXIE													
St. George	39.9	45.9	51.6	60.1	68.9	77.1	84.3	82.6	74.9	62.9	49.2	40.9	61.5
Zion Nat'l Park	40.2	44.6	49.3	58.0	67.5	76.7	84.2	81.8	75.7	64.0	50.4	41.6	61.2
Division	39.0	44.1	49.2	57.6	66.5	75.2	82.6	80.6	73.7	62.5	48.4	40.2	60.0
NORTH CENTRAL													
Corinne	24.5	30.2	37.8	48.0	57.4	64.6	73.9	71.6	62.0	50.6	37.4	28.5	48.9
Elberta	27.3	32.7	39.4	48.6	57.6	65.4	74.4	72.7	63.3	51.6	39.0	30.1	50.2
Farmington USU	28.7	34.3	40.6	49.8	58.9	66.3	75.7	74.0	64.4	53.6	40.2	31.6	51.5
Logan USU	24.0	28.9	36.1	46.9	56.3	63.1	72.9	71.4	62.0	50.7	36.7	27.5	48.0
Ogden Pioneer PH	27.8	33.1	39.7	49.6	59.3	66.9	76.9	74.7	65.1	53.3	39.4	30.8	51.4
SLC Airport	28.0	33.4	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
Tooele	28.9	33.3	39.3	48.8	58.2	66.2	76.1	74.0	64.4	52.2	39.2	31.0	51.0
Trenton	21.0	26.5	34.2	45.1	54.2	60.8	69.5	67.6	58.2	47.4	34.9	29.4	49.1
Utah Lake Lehi	26.1	31.5	38.1	47.4	56.4	64.0	72.3	70.6	61.0	49.8	37.5	29.2	48.7
Division	26.7	31.9	38.5	48.3	57.5	65.0	74.6	72.7	63.5	51.7	38.5	29.7	49.9
SOUTH CENTRAL													
Cedar City FAA	28.7	33.1	38.4	47.1	56.2	65.0	73.2	71.3	63.2	51.5	38.8	30.8	49.8
Fillmore	29.0	34.2	40.4	49.3	58.4	66.8	76.2	74.3	65.8	53.8	40.1	31.3	51.6
Kanab PH	35.2	39.3	43.9	52.1	60.6	69.1	76.4	74.4	68.0	57.3	45.1	36.9	54.9
Levan	26.0	31.2	38.1	47.4	56.1	64.1	73.1	71.3	62.9	51.6	38.4	29.4	49.1
Loa	23.2	27.3	34.3	41.0	49.7	57.3	64.4	62.3	55.2	45.3	33.0	24.7	43.0
Manti	25.8	30.2	37.1	46.1	54.7	62.3	70.1	68.6	60.6	50.0	37.0	28.5	47.6
Nephi	28.4	33.2	39.6	48.0	57.4	66.3	76.0	73.9	64.6	53.2	39.8	31.0	51.0
Panguitch	23.5	27.7	33.4	42.1	50.1	57.6	64.6	62.9	55.8	45.8	34.1	25.6	43.6
Richfield KSVC	28.1	32.8	38.9	47.0	55.5	63.2	70.7	69.2	60.8	50.0	38.0	30.2	48.7
Division	26.9	31.3	36.9	45.6	54.4	62.3	70.0	68.1	60.5	50.0	37.6	29.3	47.7
NORTHERN MOUNTAINS													
Coalville	23.4	27.8	33.7	43.2	51.6	57.8	65.7	63.8	56.0	46.8	34.6	26.3	44.2
Heber	20.7	25.5	33.2	43.2	51.9	58.4	66.9	65.3	57.1	47.4	34.5	25.2	44.1
Morgan	22.9	27.9	34.7	44.5	53.4	60.3	68.5	66.7	57.5	47.7	34.5	26.1	45.4
Olmstead PH													
Scofield													
Silver Lk Brighton	19.0	20.4	23.5	32.2	41.2	49.2	57.9	56.3	48.9	39.2	27.5	21.2	36.4
Woodruff	14.9	18.7	26.2	38.4	47.5	54.4	62.2	60.4	51.7	41.5	28.5	19.1	38.6
Division	20.9	24.3	30.2	40.8	49.9	56.8	65.1	63.2	55.0	45.0	32.3	24.2	42.3
UINTA BASIN													
Duchesne AP	17.9	24.6	34.9	45.9	55.4	62.8	70.2	67.9	59.3	48.1	33.6	22.5	45.3
Fort Duchesne	14.6	22.2	34.2	46.2	55.9	63.5	70.8	68.8	59.8	48.2	33.2	20.9	44.9
Vernal AP	16.1	23.3	34.1	45.5	54.9	62.2	69.6	67.6	58.9	47.4	33.1	21.2	44.5
Division	16.8	23.9	35.0	46.7	56.4	63.8	71.5	69.2	60.4	48.7	34.1	22.1	45.7
SOUTHEAST													
Blanding	27.7	32.9	38.3	47.4	56.9	65.8	73.3	70.8	63.3	51.7	38.2	29.8	49.7
Green River Avn.	24.1	33.6	42.0	52.4	62.2	70.3	78.2	75.8	66.2	53.5	38.3	28.0	52.1
Hanksville FAA	26.1	33.9	42.5	52.9	62.9	71.9	79.4	76.9	67.6	54.7	39.4	28.9	53.1
Moab 4 NW	30.5	37.8	46.1	56.5	66.2	74.2	81.3	78.7	70.1	57.6	43.2	33.3	56.3
Monticello	25.9	29.5	34.6	44.1	52.9	61.2	68.6	66.3	59.5	49.1	36.3	28.3	46.4
Price Warehouse													
Division	27.3	33.6	40.6	50.6	60.1	68.7	76.1	73.7	65.6	53.7	39.3	29.8	51.6
STATE AVERAGE	25.5	30.9	37.4	47.1	56.3	64.2	72.6	70.5	62.0	50.6	37.2	28.3	48.5

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. Footnote: Division averages include other stations not shown in this table. State averages are determined by weighting division averages by their relative areas in the State total.

Accumulated Growing Degree Days, Base 50, by Months, Utah 1978.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta	2	31	159	196	327	517	632	565	416	342	51	0	3238
Milford WSO	4	120	139	175	305	513	620	592	415	330	45	0	3258
Modena	1/0	31	145	168	337	521	604	1/525	1/365	1/306	1/80	1/0	3082
Park Valley	0	1	75	74	190	366	583	530	334	257	30	0	2440
Wendover	2	17	118	145	315	1/576	795	1/693	1/444	258	22	3	3388
DIXIE													
St. George	74	139	296	1/318	1/504	702	827	739	582	499	175	26	4881
Zion Nat'l Park	31	82	236	287	499	715	850	808	630	557	143	21	4859
NORTH CENTRAL													
Corinne	0	16	124	167	307	503	677	595	410	321	40	0	3160
Elberta	0	27	150	184	345	544	680	621	445	317	54	0	3367
Farmington USU	0	18	143	174	321	507	665	600	427	323	48	0	3226
Logan USU	0	5	92	103	222	437	661	570	371	266	32	0	2759
Ogden Pioneer PH	0	12	135	158	291	538	715	632	420	318	44	0	3263
SLC Airport	0	30	138	165	304	556	729	662	447	324	72	1	3428
Tooele	0	20	117	142	307	527	754	671	400	249	31	0	3218
Trenton	0	6	113	132	239	439	556	501	361	285	35	0	2667
Utah Lake Lehi	0	18	130	185	325	478	620	555	385	296	39	0	3031
SOUTH CENTRAL													
Cedar City FAA	2	31	137	168	301	549	662	635	432	331	59	0	3307
Fillmore	0	29	145	179	338	563	689	644	469	349	56	0	3461
Kanab PH	21	46	188	220	384	548	669	622	485	416	113	3	3715
Levan	0	14	129	161	284	515	651	596	423	330	53	0	3156
Loa	0	0	82	119	248	435	536	519	339	260	41	0	2579
Manti	0	3	104	134	269	478	621	551	396	323	59	0	2938
Nephi	0	17	153	225	1/330	1/540	628	578	449	361	67	0	3348
Panguitch	0	4	107	134	270	445	555	505	370	315	50	0	2755
Richfield KSVC	0	19	150	210	329	515	593	577	449	366	62	0	3270
NORTHERN MOUNTAINS													
Coalville	0	4	113	122	257	431	541	503	356	332	1/49	1/2	2764
Heber	0	0	66	110	247	437	562	502	462	290	45	0	2721
Morgan	0	10	104	152	270	585	579	517	380	337	46	0	2980
Olmstead PH	0	17	128	149	288	529	684	605	453	323	47	0	3223
Scofield	0	0	15	24	135	315	432	386	272	195	21	0	1795
Silver Lake Brighton	0	0	23	7	64	219	363	284	182	104	4	0	1250
Woodruff	0	1	44	84	182	380	505	446	300	243	32	0	2217
UINTA BASIN													
Duchesne AP	0	0	74	134	263	475	640	571	400	245	44	0	2846
Fort Duchesne	0	0	92	179	313	488	620	563	1/403	1/215	1/13	0	2886
Vernal AP	0	1	92	200	297	507	643	588	392	231	45	0	2996
SOUTHEAST													
Blanding	0	7	120	182	299	548	666	625	441	317	61	0	3266
Green River Avn.	1/0	7	1/296	1/302	1/416	584	1/716	637	474	393	100	0	3925
Hanksville FAA	1	17	244	325	444	618	672	666	517	413	101	0	4018
Moab 4 NW	3	35	262	356	478	646	747	749	569	462	151	0	4458
Monticello	0	0	65	136	250	477	604	540	386	253	38	0	2749
Price Warehouse	0	0	1/78	1/170	1/331	555	714	652	461	1/267	58	0	3286

1/ More than 5 days missing, estimated with ratio technique.

Normal Growing Degree Days Base 50, by months, Utah.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
WESTERN													
Delta													
Milford WSO	5	20	96	216	353	493	643	626	464	278	83	16	3293
Modena	0	0	44	183	333	477	619	580	416	234	38	0	2924
Park Valley	0	0	3	108	262	416	660	612	387	180	6	0	2634
Wendover	1	8	72	200	403	574	800	766	506	235	29	3	3597
DIXIE													
St. George	69	136	269	399	541	650	798	779	615	460	213	82	5011
Zion Nat'l Park	54	96	214	360	536	691	836	811	678	468	195	74	5013
NORTH CENTRAL													
Corinne	0	8	62	202	342	480	637	606	461	286	50	2	3136
Elberta	4	15	87	214	362	499	654	640	474	272	63	10	3294
Farmington USU	0	0	47	192	357	505	681	653	448	256	34	0	3173
Logan USU	0	1	36	151	298	443	664	642	422	205	25	2	2889
Ogden Pioneer PH													
SLC Airport	0	0	35	201	372	522	707	685	466	235	12	0	3235
Tooele	0	0	27	157	307	521	746	699	421	186	15	9	3088
Trenton	0	0	22	173	324	441	555	536	390	197	9	0	2647
Utah Lake Lehi	0	6	55	178	330	465	621	605	425	234	42	2	2963
SOUTH CENTRAL													
Cedar City FAA	8	17	74	184	335	502	670	635	472	263	79	19	3258
Fillmore	11	22	97	222	372	538	714	689	508	306	83	18	3580
Kanab PH	0	26	148	277	431	556	672	650	510	336	130	6	3742
Levan	3	13	79	203	328	462	627	609	451	268	71	11	3125
Loa	0	0	10	127	291	426	517	471	350	192	22	0	2406
Manti	0	4	61	176	307	448	585	558	409	238	55	5	2846
Nephi													
Panguitch	0	0	18	144	293	424	505	468	368	213	29	0	2462
Richfield KSVC	15	29	112	228	363	485	593	575	461	301	95	19	3276
NORTHERN MOUNTAINS													
Coalville													
Heber	0	3	41	156	292	414	489	589	412	259	60	3	2718
Morgan	0	0	16	159	325	462	558	548	407	218	19	0	2712
Olmstead PH													
Scofield													
Silver Lake Brighton													
Woodruff	0	0	0	60	216	343	480	453	324	141	1	0	2018
UINTA BASIN													
Duchesne AP	0	5	51	181	323	447	568	546	398	216	32	2	2769
Fort Duchesne	0	0	35	206	370	496	576	554	418	207	10	0	2872
Vernal AP	0	4	49	179	345	462	569	547	424	245	39	1	2864
SOUTHEAST													
Blanding	3	9	65	184	330	494	640	606	440	248	54	6	3079
Green River Avn.	1	35	155	310	470	562	710	677	528	345	84	7	3884
Hanksville FAA	5	37	147	294	455	594	733	696	536	346	100	16	3959
Moab 4 NW	0	21	183	335	501	619	735	697	534	335	90	0	4050
Monticello	0	0	24	183	353	496	633	578	396	202	24	0	2889
Price Warehouse	0	0	41	174	374	477	638	601	421	230	47	0	3003

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322.

Livestock Enterprise Budgets

Prepared by the Economics Department, Utah State University

Doyle J. Matthews, Dean, College of Agriculture
Jay C. Andersen, Head, Department of Economics
Herbert H. Fullerton, Director, Economics Research Institute

These budgets are prepared for average situations. For application to a particular situation, you may wish to alter certain prices or costs. For further information or suggestions, please call (801) 752-4100.

Cow-Calf: Average Receipts, Costs, and Net Returns Per Cow (1979 prices)

	$/Cow	
Receipts (1):	$327.50	
Variable Costs:		
Feed: Alfalfa 2 tons @ $45	$ 90.00	
Grass Hay .5 tons @ $30	15.00	
Public Grazing 5.0 AUMs @ 1.50 or @ $7.50 (including non fee costs)	7.50	$ 35.00
Private Grazing and Aftermath 2 AUMs @ $7.50	15.00	
Protein Supplement 100 lbs @ $.135	13.50	
Salt and Minerals	1.25	
Vet and Medicine	2.53	
Hauling and Marketing	5.00	
Fuel, Repairs	19.09	
Labor 9 hours @ 2.90	26.10	
Total Variable Costs	$194.97	$222.47
Fixed Costs	101.63	101.63
Total Costs	$296.60	$324.10
NET RETURNS	$ 30.90	$ 3.40

(1) 425 lb steer calf @ $1.00/lb (.4 per cow); 87% calving rate, 7% death loss
375 lb heifer calf @ $.90/lb (.2 per cow net of replacements)
900 lb cull cow @ $.50/lb (.2 per cow)

Dairy-Average Costs, Receipts and Net Returns for Grade A and Manufacturing Milk
50-100 Head Herd (1979 prices)

Production Level (lbs/year)	12,000	16,000	12,000	16,000
Variable Costs	$/Cwt	$/Cwt	$/hd	$/hd
Feed Forage ($50/ton hay)	2.29	1.56	275.00	250.00
Concentrate ($120/ton)	1.30	1.88	156.00	300.80
Labor	1.17	.88	141.00	141.00
Replacement Cows/Heifers	2.33	1.75	280.00	280.00
Supplies, Services	.28	.24	33.60	38.40
DHI Testing	.11	.08	13.20	13.20
Fees, Taxes, Insurance	.21	.16	25.40	25.40
Utilities	.29	.22	35.00	35.00
Breeding	.10	.08	12.00	12.00
Vet, Medicine	.21	.16	25.00	25.00
Milk Hauling	.30	.30	36.00	48.00
Total Variable Costs	8.59	7.31	1032.20	1168.80
Fixed Costs	3.33	2.69	400.00	430.00
Total Costs	11.92	10.00	1432.20	1598.80
Receipts--Grade A Market				
Milk	11.80	11.80	1416.00	1888.00
Cull Cows	1.40	1.05	168.00	168.00
Sale of Calves	.69	.52	83.00	83.00
Total Receipts	13.89	13.37	1667.00	2139.00
Costs, including Grade A Base	12.04	10.09	1446.20	1612.80
NET RETURNS	$ 1.85	$ 3.28	$ 220.80	$ 526.20
Receipts--Manufacturing Market				
Milk	11.10	11.10	1332.00	1776.00
Cull Cows	1.40	1.05	168.00	168.00
Sale of Calves	.69	.52	83.00	83.00
Total Receipts	13.19	12.67	1583.00	2027.00
Costs	11.92	10.00	1432.20	1598.80
NET RETURNS	$ 1.27	$ 2.67	$ 150.80	$ 428.20

Hogs: Average Receipts, Costs, and Net Returns per Cwt. and per Hog Farrow to Finish (1979 prices).

	$/Cwt.	$/Hog
Receipts 240 lbs. @ $.45	45.00	108.00
Variable Costs:		
Feed: Corn 34 lbs. @ $.05	1.70	4.80
Barley 336 lbs. @ $.047	15.79	37.90
Protein supplement 78 lbs. @ $.135	10.53	25.27
Mixing	1.66	3.98
Interest	.81	1.94
Labor 2 hrs/pig	2.45	5.90
Vet and Medicine	1.12	2.69
Marketing	.43	1.03
Miscellaneous	1.43	3.43
Total Variable Costs	35.92	86.22
Fixed Costs	6.80	16.32
Total Costs	42.72	102.54
Net Returns	$2.28	$5.46

Turkeys: Average receipts, costs and net returns per pound (1979 prices).

	Cents/lb.
Receipts	37.2
Variable Costs:	
Feed: 4 lbs. mix @ $.06/lb.	24.0
Poult	5.8
Utilities	1.25
Labor	1.45
Medicine	.40
Supplies and Repairs	.35
Interest	1.00
Total Variable Costs	34.25
Fixed Costs (Depreciation, interest, taxes, insurance)	2.00
Total Costs	36.25
Net returns	.95

CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES (RETAIL WEIGHT)[1]

	1960	1970	1972	1973	1974	1975	1976	1977	1978[2]
					Pounds				
Meats	134.1	151.4	153.5	142.6	152.5	145.4	155.3	154.6	149.6
Beef	64.3	84.1	85.9	81.1	86.4	88.9	95.7	93.2	89.2
Veal	5.2	2.4	1.8	1.5	1.9	3.5	3.3	3.2	2.5
Lamb and mutton	4.3	2.9	2.9	2.4	2.0	1.8	1.7	1.5	1.4
Pork	60.3	62.0	62.9	57.6	62.2	51.2	54.6	56.7	56.5
Fish (edible weight)	10.3	11.8	12.5	12.9	12.2	12.2	13.0	12.8	12.9
Poultry products:									
Eggs	42.4	39.5	39.1	37.3	36.6	35.4	34.8	34.5	34.6
Chicken (ready-to-cook)	27.8	40.5	42.0	40.7	41.1	40.3	43.3	44.9	47.6
Turkey (ready-to-cook)	6.2	8.0	9.0	8.5	8.9	8.6	9.2	9.2	9.5
Dairy products:									
Cheese	8.3	11.5	13.2	13.7	14.6	14.5	15.8	16.4	17.4
Condensed and evaporated milk	13.7	7.1	6.3	6.0	5.6	5.0	3.6	3.3	2.9
Fluid milk and cream (product weight)	321.0	296.0	298.0	293.0	288.0	291.1	292.0	289.4	288.9
Ice cream (product weight)	18.3	17.7	17.4	17.5	17.5	18.7	18.1	17.7	17.7
Fats and Oils—Total fat content	45.3	53.0	54.3	54.3	53.2	53.4	56.1	54.4	56.0
Butter (actual weight)	7.5	5.3	4.9	4.8	4.6	4.8	4.4	4.4	4.6
Margarine (actual weight)	9.4	11.0	11.3	11.3	11.3	11.2	12.2	11.6	11.9
Lard	7.6	4.7	3.8	3.4	3.2	4.0	3.6	3.5	3.4
Shortening	12.6	17.3	17.7	17.3	17.0	17.3	18.1	17.6	18.0
Other edible fats and oils	11.5	18.2	19.8	20.8	20.3	20.3	22.0	21.6	22.0
Fruits:									
Fresh	90.0	79.1	74.7	74.0	76.3	81.3	84.4	81.2	80.3
Citrus	32.5	27.9	26.6	26.7	26.8	28.7	28.5	25.2	24.6
Noncitrus	57.5	51.2	48.1	47.3	49.5	52.6	55.9	56.0	55.7
Processed:									
Canned fruit	22.6	23.3	21.4	21.3	19.6	19.3	19.2	20.0	17.2
Canned juice	13.0	14.6	15.5	15.9	14.7	15.3	16.2	15.6	18.0
Frozen (including juices)	9.1	9.8	10.4	11.2	11.3	12.6	12.2	11.9	11.4
Chilled citrus juices	2.1	4.7	5.2	5.3	5.2	5.7	6.5	6.0	6.0
Dried	3.1	2.7	2.0	2.6	2.5	3.0	2.7	2.7	2.6
Vegetables:									
Fresh[3]	96.0	91.0	90.8	92.7	93.6	93.9	94.7	93.2	95.2
Canned (excluding potatoes and sweetpotatoes)	43.4	51.2	52.2	54.3	53.3	52.1	53.0	52.9	53.0
Frozen (excluding potatoes)	7.0	9.6	10.0	10.7	10.2	9.7	10.2	10.3	10.9
Potatoes[4]	105.0	115.3	116.9	114.4	112.3	120.2	114.9	119.8	125.4
Sweetpotatoes[4]	6.5	5.2	4.7	4.7	5.1	5.3	5.0	4.6	4.9
Grains:									
Wheat flour[5]	118	110	109	109	106	107	111	108	112
Rice	6.1	6.7	7.0	7.0	7.6	7.7	7.2	7.6	5.8
Other:									
Coffee	11.6	10.5	10.5	10.1	9.5	9.0	9.7	6.9	7.3
Tea	.6	.7	.8	.8	.8	.8	.8	.9	.8
Cocoa	2.9	3.1	3.5	3.4	3.0	2.6	3.0	2.7	2.6
Peanuts (shelled)	4.9	5.9	6.2	6.6	6.4	6.5	6.3	6.5	6.6
Dry edible beans	7.3	5.9	6.3	6.4	6.7	6.5	6.3	6.0	6.0
Melons	23.2	21.2	19.9	19.7	17.2	17.5	20.5	21.2	21.3
Sugar (refined)	97.4	101.8	102.8	101.5	96.6	90.2	94.7	95.7	92.7

[1] Quantity in pounds, retail weight unless otherwise shown. Data on calendar year basis except for dried fruits, fresh citrus fruits, peanuts, and rice which are on a crop-year basis.

[2] Preliminary.

[3] Commercial production for sale as fresh produce.

[4] Including fresh equivalent of processed.

[5] White, whole wheat, and semolina flour including use in bakery products.

Note: Historical consumption and supply-utilization data for food may be found in *Food Consumption, Prices, and Expenditures,* Ag. Econ. Report 138 and annual supplements, ESCS, USDA.

REPORTS ISSUED BY UTAH CROP AND LIVESTOCK REPORTING SERVICE

Report	Frequency	Approximate Date of Publication
General Reports:		
Farm Report (Crop Forecasts, Milk Production, etc.)	Monthly	12 of month
Weather, Crops, & Livestock	Weekly	Mondays, April-October
Reports on Crops:		
Acreage Reports:		
Winter Wheat Seedings	Annual	December 22
Prospective Plantings	Annual	Apr. 16
Annual Crop Summary	Annual	January 17
Fruit Report	Mthly, Jun-Jul,Jan	12th of month
Potato Stocks	Monthly, Dec-Apr	12th of month
Onions:		
Planting Intentions	Annual	March 9
Production	Monthly, Sep-Oct	10th of month
Stocks	Annual	January 19
Stocks of Grains	Quarterly	25th of month--Jan., Apr., Jun., Oct.
Alfalfa Seed	Annual	October 20
Reports on Livestock, Dairy, Poultry, and Livestock Products:		
Dairy	Monthly	30th of following month
Poultry (Egg Production, Chick and Poult Hatchings)	Monthly	20th of following month
Livestock Slaughter	Monthly	22th of following month
Jan. 1 Cattle Inventory and Calf Crop.	Annual	February 1
Sheep on Feed, January 1	Annual	January 19
Jan. 1 Sheep Inventory and Lamb Crop..	Annual	January 29
Lamb Crop	Annual	July 20
Wool Crop	Semi-Annually	July 20 & April 2
Dec. 1 Hog Inventory & Pig Crop	Annual	December 21
Turkeys:		
Breeder Hen Intentions	Annual	September 19
Raised and Intentions	Annual	January 8
Raised	Annual	August 24
Honey and Bees	Annual	January 19
Mink	Annual	July 6
Price Reports:		
Agricultural Prices	Monthly	30th of month
Farm Income	Annual	September
Miscellaneous Reports:		
Farms and Farm Land	Annual	January 2

The above reports may be obtained from the Utah Crop and Livestock Reporting Service, P. O. Box 11486, Salt Lake City, Utah 84147 (Office - Room 4432, Federal Building--Phone 524-5003).

WHY HAVE CROP AND LIVESTOCK REPORTS

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A man's judgment is no better than his facts and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing which helps to provide an orderly market.

They give producers the same foresight to future price trends that organized dealers possess.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They enable transportation companies to make a better distribution of cars, trucks, barges, etc. for moving farm products.

They aid farm organizations, schools and others in planning constructive programs.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They indicate potential buying power thereby enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk of ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They are essential in enacting wise legislation affecting Agriculture.

They provide an accurate, unbiased picture of Utah agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, other individuals, business men, railroads, crop and livestock interests and governmental agencies.

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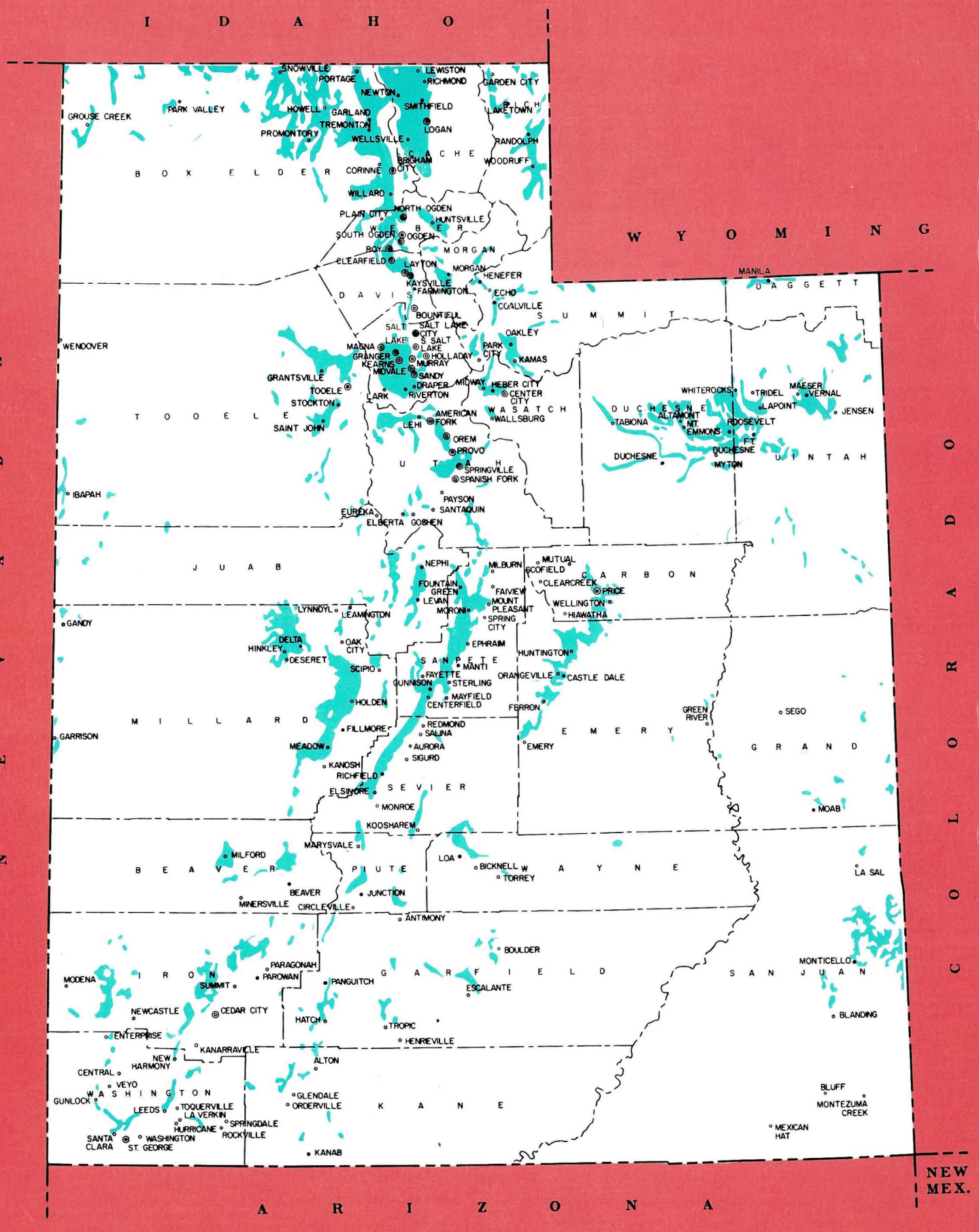
Appropriation # 6515 6506



CROPLAND SOURCE: SOIL CONSERVATION SERVICE
U. S. DEPARTMENT OF AGRICULTURE