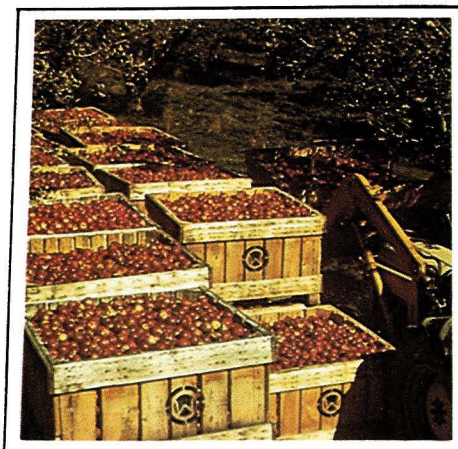
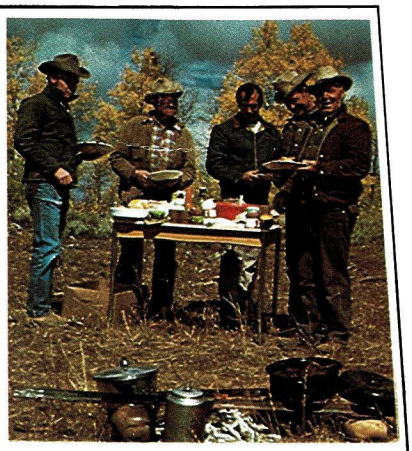
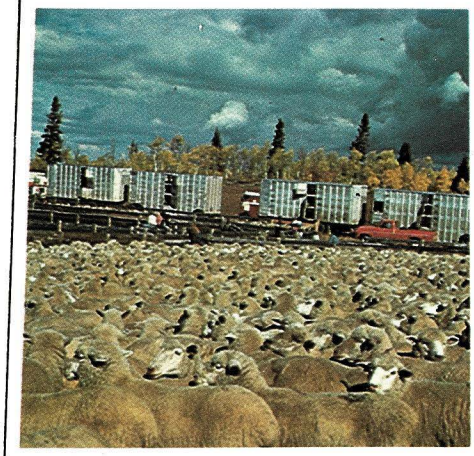
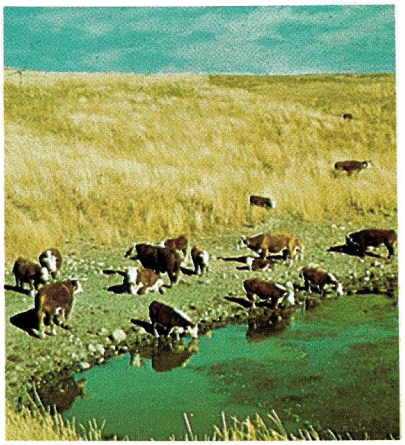
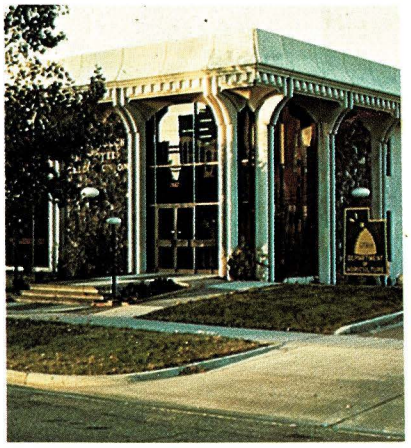
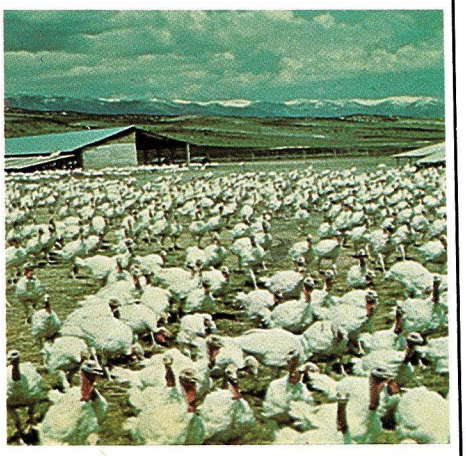



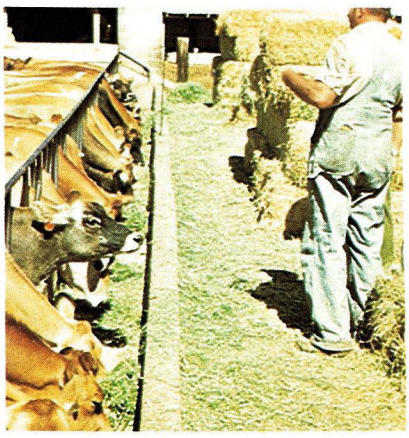
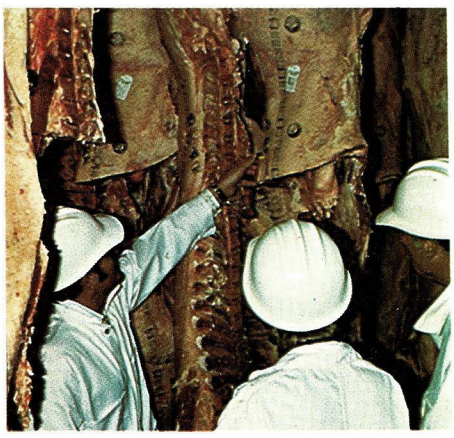
UTAH

AGRICULTURAL Statistics

1977

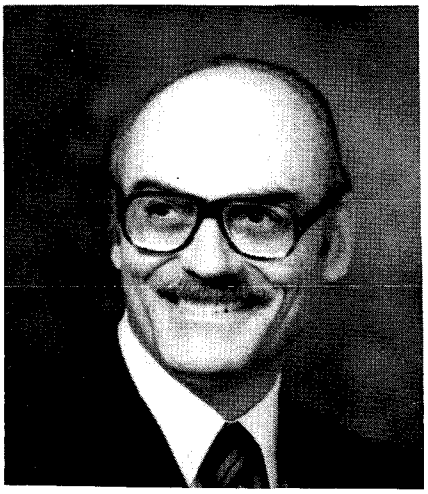




THE GREAT SEAL OF THE STATE OF UTAH
INDUSTRY
1847
1896

SCOTT M. MATHESON
GOVERNOR

STATE OF UTAH

OFFICE OF THE GOVERNOR
SALT LAKE CITY



To Those Interested in Utah's Agriculture:

The UTAH AGRICULTURAL STATISTICS publication brings to our attention the importance of agriculture to the economy of our state. We are conscious of the great contribution that agriculture makes and the livelihood it provides for many of our people. The purpose of this publication is to keep our citizens informed with factual information concerning our state's agribusiness and agricultural industries.

The Department of Agriculture in cooperation with the U. S. D. A. Statistical Reporting Service prepares this volume annually. It provides current information as to the importance of crop and livestock production in our state.

I would like to congratulate those responsible for the accumulation and publication of this data so essential to our economy.

Sincerely,

Scott M. Matheson
Governor

Scott M. Matheson
Governor

Dr. Kenneth B. Creer
Commissioner

Carolyn P. Lloyd
Administrative Assistant

STATE OF UTAH

DEPARTMENT OF AGRICULTURE

147 North 200 West • Salt Lake City, Utah 84103 • Telephone (801) 533-5421

TO ALL THOSE WHO HAVE AN INTEREST IN UTAH'S AGRICULTURE INDUSTRY, WE PRESENT THESE ANNUAL STATISTICS FOR YOUR INFORMATION

This is my first chance to express in writing my sincere feelings for this great industry of the State of Utah. This documented statistical report will give each of you a chance to gain a greater understanding of the importance that agriculture has in this state. We encourage you to read and analyze this report and hope that through your review you will become a closer advocate of agriculture and those working in this area. The facts presented herein will give you a better understanding of the industry and should be of assistance to you in your planning in areas relating to agriculture.

All industries are constantly faced with changes, and these types of publications and the information found therein will keep society abreast of the changes. The agriculture businesses are an integral part of Utah's way of living and we are happy that these statistics can give the public a better insight into this industry.

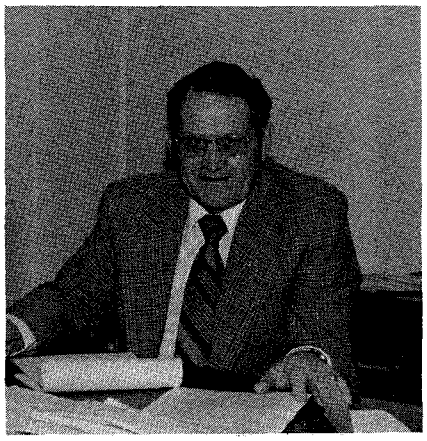
I wish to congratulate the staff that has spent so much effort to accumulate and editorialize these figures. I am proud of the publication and the industry it represents.

Sincerely yours,

UTAH STATE DEPARTMENT OF AGRICULTURE

Dr. Kenneth B. Creer

Dr. Kenneth B. Creer
Commissioner



UTAH AGRICULTURAL STATISTICS 1977

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

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John B. Hall, Supervisor, Information and Research

INTRODUCTION

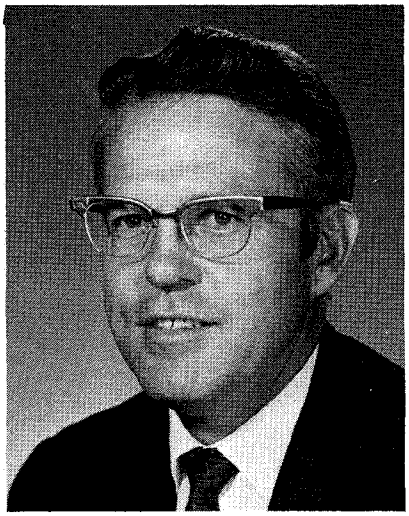
In order to provide a ready reference of statistical data to those concerned with Utah's agriculture, this bulletin presents information through 1976 on the State's crop and livestock production, inventories, disposition and value; farm income; land inventories; population; weather; etc. It is hoped that it will be a valuable tool to farm organizations and producer groups in planning their programs and operations. Also, that it will be helpful to 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.

Preliminary county data for major crops and livestock items from the 1974 U. S. Census of Agriculture are included to show the distribution of these crops and livestock among Utah's counties. This is the latest information available on crop production and livestock numbers by counties because Utah does not have a program of annual crop and livestock estimates. However, it is hoped these will be helpful to the many out of State as well as local firms who need help in planning their marketing and production programs according to where various crops and livestock are located.

With 1976 cash receipts of $355 million from the sale of crops and livestock, including dairy and poultry products, agriculture in Utah is an important industry. In addition, food and fibre production is basic to all other activity. In some countries the majority of the population is occupied in trying to provide enough food to barely keep their people alive. In contrast, one farmworker in U. S. now supplies enough food and fibre for 56 people. This leaves most of our people free to create other products or provide other services with assurance that plentiful food supplies will be provided for their needs.

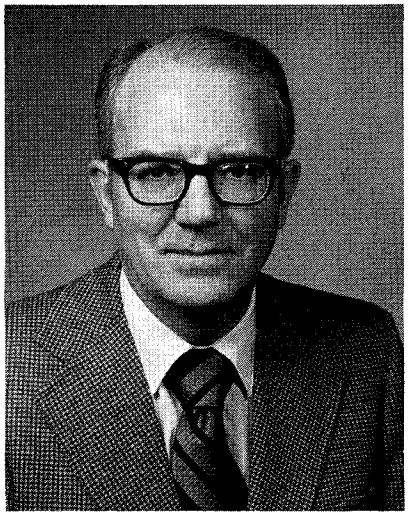
Ben W. Lindsay

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



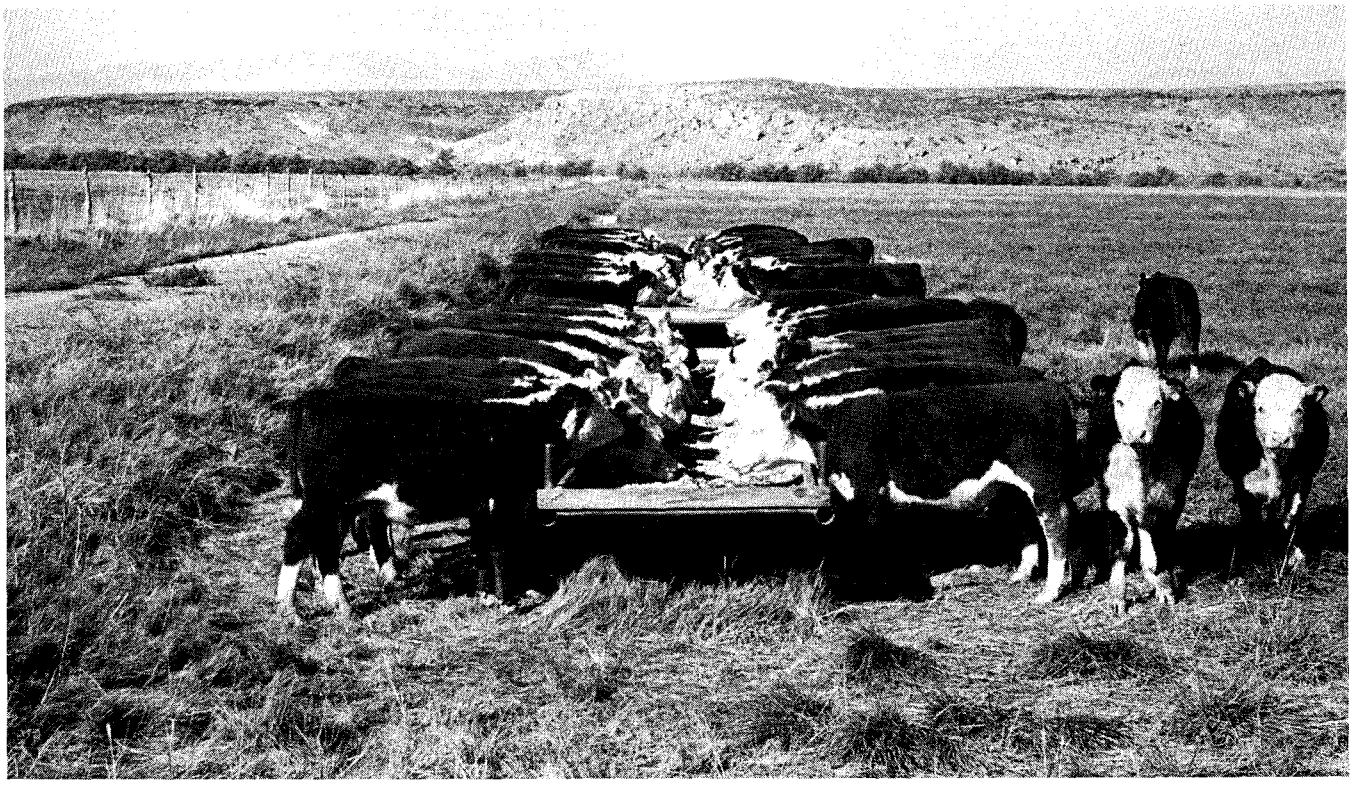
W. Grant Lee

W. GRANT LEE
Agricultural Statistician in Charge
Statistical Reporting Service
U. S. Department of Agriculture



PHOTOGRAPHS

We wish to thank those who have supplied photographs for this publication--particularly U.S.U. Extension Services, Soil Conservation Service, and Utah Farmer-Stockman who supplied the majority of the black and white photos.



The cattle industry in Utah has always been an important element in the livelihood of the State's inhabitants.

Population

Population of Counties, Utah

County	U. S. Census - April 1, 1970						July 1, 1976 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	4,200
Box Elder	28,129	16,801	59.7	11,328	2,232	9,096	31,100
Cache	42,331	25,675	60.7	16,656	10,897	5,759	49,300
Carbon	15,647	6,218	39.7	9,429	3,578	5,851	19,300
Daggett	666	--	--	666	--	666	800
Davis	99,028	85,115	86.0	13,913	6,950	6,963	120,000
Duchesne	7,299	--	--	7,299	3,099	4,200	11,300
Emery	5,137	--	--	5,137	969	4,168	8,000
Garfield	3,157	--	--	3,157	1,318	1,839	3,500
Grand	6,688	4,793	71.7	1,895	64	1,831	6,900
Iron	12,177	8,946	73.5	3,231	1,423	1,808	14,800
Juab	4,574	2,699	59.0	1,875	--	1,875	5,300
Kane	2,421	--	--	2,421	1,381	1,040	3,600
Millard	6,988	--	--	6,988	3,021	3,967	8,200
Morgan	3,983	--	--	3,983	1,586	2,397	4,800
Piute	1,164	--	--	1,164	--	1,164	1,300
Rich	1,615	--	--	1,615	--	1,615	1,600
Salt Lake	458,607	436,201	95.1	22,406	--	22,406	520,000
San Juan	9,606	--	--	9,606	3,681	5,925	11,200
Sanpete	10,976	--	--	10,976	6,519	4,457	13,000
Sevier	10,103	4,471	44.3	5,632	1,494	4,138	13,200
Summit	5,879	--	--	5,879	1,193	4,686	7,000
Tooele	21,545	15,470	71.8	6,075	2,357	3,718	23,600
Uintah	12,684	3,908	30.8	8,776	1,248	7,528	17,300
Utah	137,776	120,554	87.5	17,222	5,344	11,878	172,000
Wasatch	5,863	3,245	55.3	2,618	--	2,618	7,000
Washington	13,669	7,097	51.9	6,572	1,408	5,164	18,000
Wayne	1,483	--	--	1,483	--	1,483	1,700
Weber	126,278	110,279	87.3	15,999	3,571	12,428	137,000
State Total	1,059,273	851,472	80.4	207,801	66,090	141,711	1,235,000

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, Volume 36 Number 11, November 1976.

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

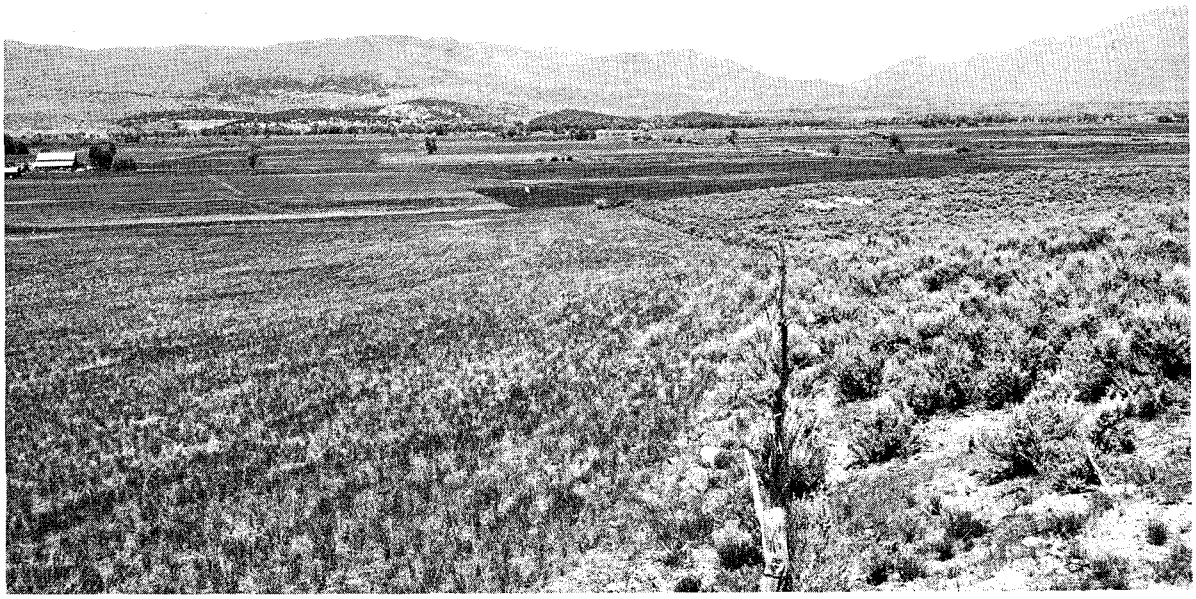
"Farm Population Estimates" Rural Development Service, USDA Statistical Bulletin.

Number of Farms

W. Grant Lee, Agricultural Statistician in Charge

The number of farms in Utah in 1977 is estimated at 12,600, the same as 1973 through 1976. Farm numbers declined almost every year from the record high of 30,800 reached in 1936 until they leveled off the last four years. Included in the farm count are all operations of 10 acres or more where sales of agricultural production are $50 or more and operations under 10 acres if annual farm product sales total at least $250. Full time farming operations have been getting larger and fewer as operators increase 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 49.5 percent of the farms was something other than farming.

Land in Utah farms reached a peak of about 13,600,000 acres in the late 50's and has declined slightly since 1963 to 13,000,000 acres in 1977. The average size farm from 1973 to 1977 was at a record high level of 1,032 acres--more than double the 1950 level. The acreage in farms is about 25 percent of the total 52.7 million acres in Utah. Most of the remaining land area is federally owned.



Most of Utah's irrigated cropland is located in the valley floors surrounded by acres of rangeland.

Number of Farms and Land in Farms, Selected Years 1850-1977 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.....	13,800	964	13,300	2,954	373	1,103
1971.....	13,400	985	13,200	2,909	377	1,097
1972.....	13,000	1,008	13,100	2,870	381	1,093
1973.....	12,600	1,032	13,000	2,844	383	1,090
1974.....	12,600	1,032	13,000	2,830	384	1,088
1975.....	12,600	1,032	13,000	2,808	387	1,086
1976.....	12,600	1,032	13,000	2,778	390	1,084
1977.....	12,600	1,032	13,000	2,752	393	1,081

1/ 1850-1931 from Census of Agriculture. 1940-1977 SRS estimates.
2/ Record high number of farms in Utah.

Number of Farms and Land in Farms, by States, 1975-77.

State	Farms			Land in Farms		
	1975	1976	1977 1/	1975	1976	1977 1/
	Number	Number	Number	1,000 Acres	1,000 Acres	1,000 Acres
Utah.....	12,600	12,600	12,600	13,000	13,000	13,000
Idaho....	26,900	26,900	26,900	15,600	15,600	15,600
Mont. ...	23,500	23,400	23,300	62,400	62,400	62,400
Wyo.	8,100	8,000	7,900	35,500	35,400	35,400
Colo. ...	29,500	29,500	29,300	39,900	39,900	39,900
N. Mex. .	11,800	11,700	11,700	47,200	47,100	47,100
Ariz. ...	5,800	5,700	5,600	38,000	37,500	37,200
Nev.	2,000	2,000	2,000	9,000	9,000	9,000
Calif. ..	63,000	64,000	65,000	36,000	36,000	35,900
Oreg. ...	32,500	32,500	32,500	19,500	19,500	19,500
Wash. ...	40,000	40,000	39,500	16,500	16,500	16,400
U. S.	2,808,480	2,778,380	2,752,080	1,086,025	1,084,046	1,081,293

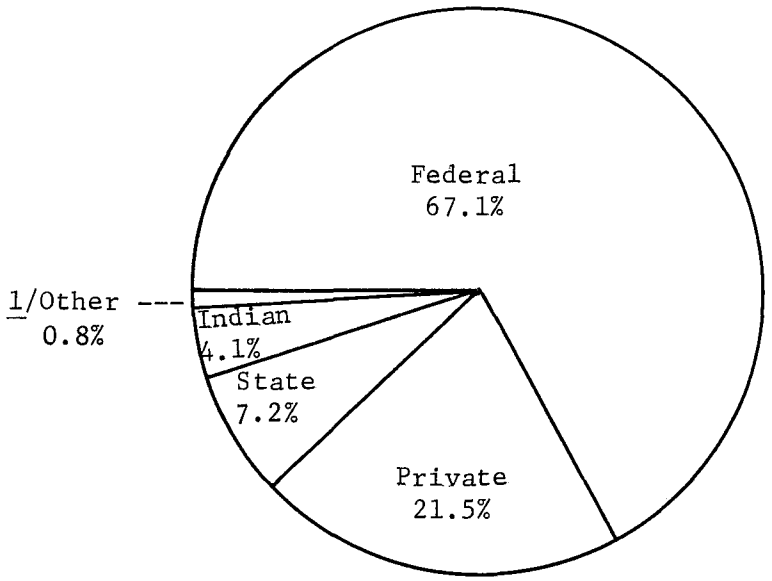
1/ Preliminary.

Land Inventory

W. Grant Lee, Agricultural Statistician in Charge

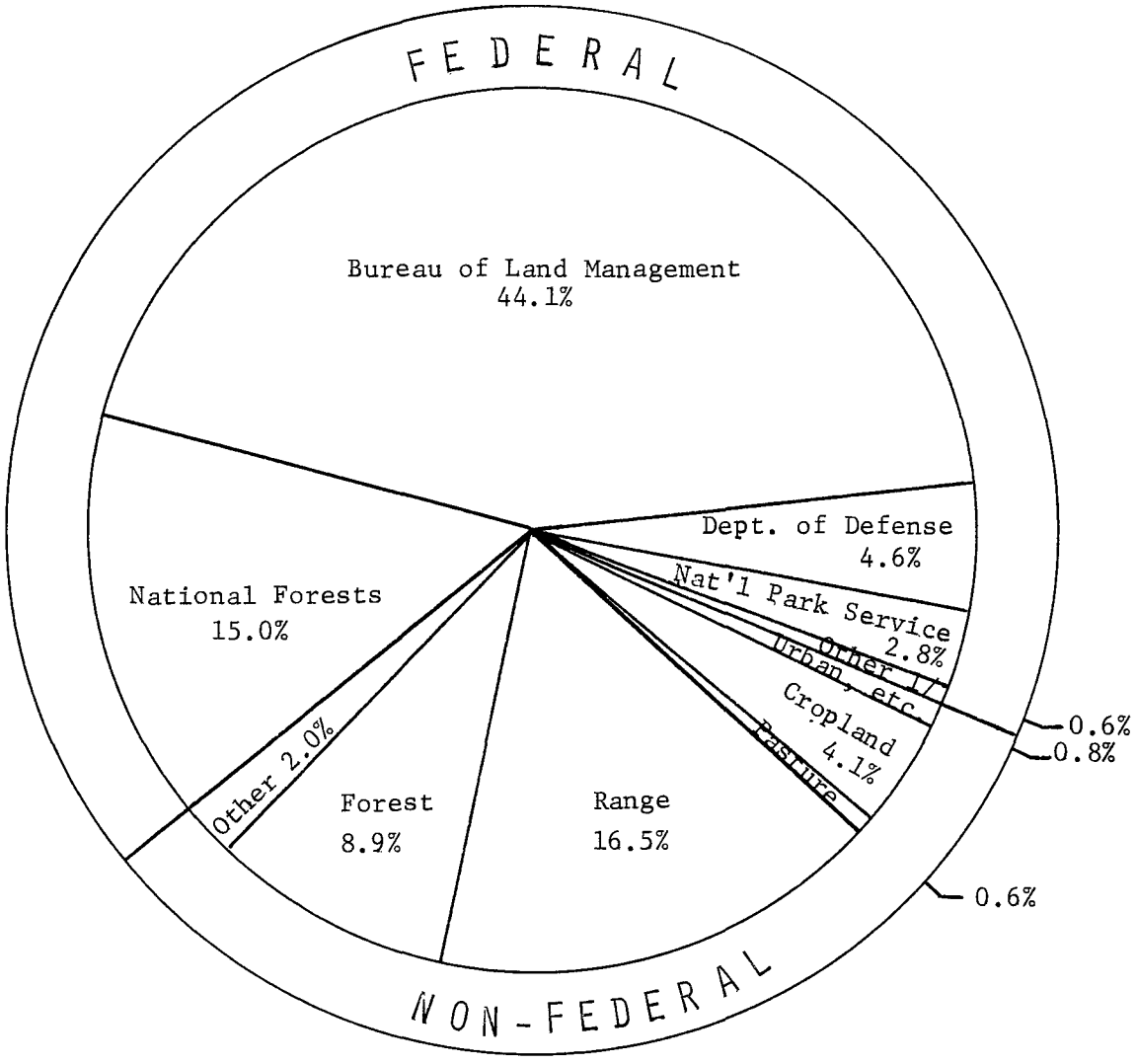
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U. S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah 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, Agricultural Statistician in Charge

Preliminary estimates of cash receipts by Utah farmers during 1976 from the sale of crops, livestock, and livestock products totaled $355.4 million, a record high. This was 8 percent more than 1975 and 3 percent more than the 1973 peak. All of the increase in 1976 was in livestock and livestock products which totaled $261.2 million compared with $232.9 million in 1975 and $219.7 million in 1974 but it was still below the record $265.5 million in 1973. In contrast, the $94.2 million cash receipts from crops was below the $95.9 million in 1975 and the record $100.5 million for crop sales in 1974.

Livestock and livestock products accounted for 73 percent of the total cash farm receipts in the State during 1976. 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 when it rose to 71 percent.

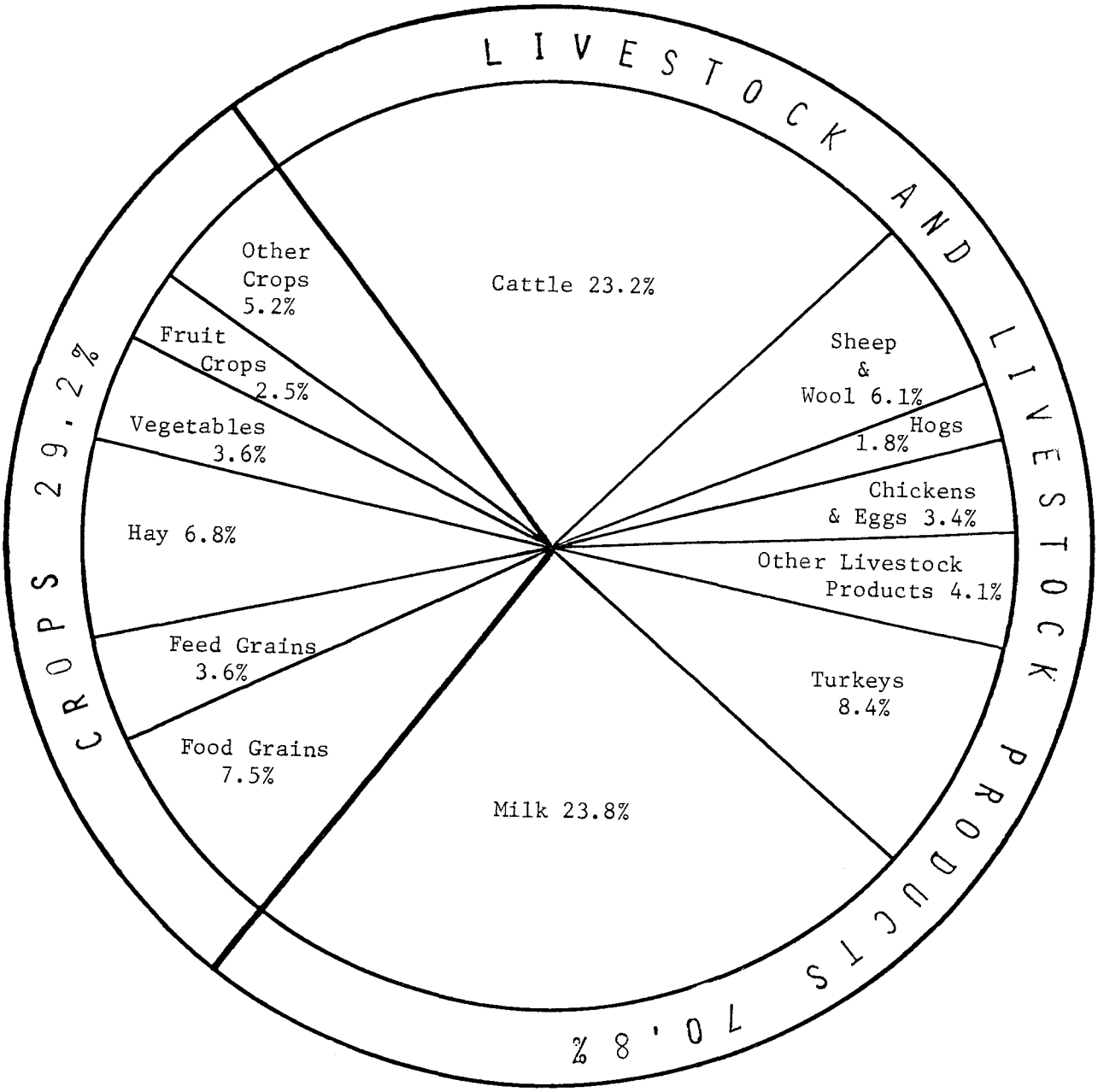
Net and gross farm income for 1976 is not available but revised estimates show Utah's net farm income dropped nearly one-fifth from 1974 to 1975. At 70.2 million dollars, the 1975 net farm income was down 18 percent from the 85.6 million in 1974 and 48 percent below the 134.0 million two years earlier. Cash receipts increased 3 percent in 1975--from 323.1 to 332.1 million--while farm production expenses increased 3 percent--from 281.9 to 290.4 million dollars. Nonmoney income and other farm income rose slightly to 28.4 million. Farm inventories remained practically unchanged during 1975 in contrast to a 16.2 million increase in 1974 which pushed 1974 net income above 1975.

Realized gross income per farm in Utah averaged $28,615 in 1975, up $737 from 1974 but $1,345 below 1973. This was nearly three times the 1960 average. Realized net income per farm after deducting production expenses from gross income was $5,570 in 1975, down $1,223 from 1974 and about half the $10,634 a year earlier. This was 3.5 times the 1960 average. 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.

Cash receipts increased from 1974 to 1975 for meat animals, dairy products, poultry and eggs, feed crops, vegetables, and honey. These increases more than offset lower receipts for food grains, sugar beets and fruit crops. Crop receipts totaled 95.9 million dollars compared with 100.5 million in 1974 while livestock and livestock products receipts were 232.9 million compared with 219.7 million a year earlier.

Cash receipts from cattle and calves increased from 71.4 million dollars in 1974 to 76.2 in 1975 and they accounted for 23.1 percent of the total cash receipts in 1975 compared with 22.3 in 1974 and 31.9 in 1973. Receipts from milk rose from 75.0 million in 1974 to 78.3 million dollars in 1975. Milk accounted for 23.8 percent of the State's total for 1975 compared with 23.4 percent in 1974 and 17.5 percent in 1973. Wheat cash re-

ceipts fell behind turkeys and at 24.6 million dollars accounted for 7.5 percent of the State's total compared with 8.5 a year earlier. Turkey receipts totaled 27.8 million dollars which was 8.4 percent of the total against 7.0 percent a year earlier when turkey receipts totaled 22.3 million. Hay ranked fifth accounting for 6.8 percent of the total cash receipts and sheep and wool cash receipts were in sixth place with 6.1 percent of the total against 6.7 in 1974. Sugar beets ranked next with 2.9 percent.



CASH RECEIPTS, BY COMMODITIES
UTAH, 1975

Cash Receipts by Commodities, Utah, 1950, 1960, 1973-75.

Commodity	1950	1960	1973	1/1974		1/1975	
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Comodities	152,542	161,989	344,074	320,191	100.0	328,818	100.0
Livestock Products	113,303	127,250	265,477	219,670	68.6	232,941	70.8
Meat Animals	56,108	62,968	134,112	92,107	28.7	99,492	30.2
Cattle Calves	38,794	48,989	109,819	71,386	22.2	76,200	23.1
Sheep Lambs	13,535	11,402	19,045	16,834	5.3	17,234	5.2
Hogs	3,779	2,577	5,248	3,887	1.3	6,058	1.9
Dairy Products	21,717	28,843	60,294	75,000	23.4	78,344	23.8
Milk Wholesale	19,004	28,083	56,108	69,660	21.7	73,525	22.3
Milk Retail	2,080	540	4,186	5,340	1.7	4,819	1.5
Milkfat	601	220	--	--	--	--	--
Poultry and Eggs	26,747	24,429	53,694	35,401	11.0	40,220	12.2
Turkeys	9,984	13,733	39,290	22,346	7.0	27,796	8.4
Eggs	12,936	8,638	12,902	11,718	3.6	11,165	3.4
Chickens Farm	2,876	305	332	197	.1	119	*
Misc. Livestock	8,731	11,010	17,377	17,162	5.4	14,885	4.5
Wool	6,844	4,351	6,053	4,280	1.4	2,702	.8
Honey	270	272	570	890	.2	1,089	.3
Beeswax	21	15	11	32	*	39	*
Other Livestock 2/	2,579	8,125	11,913	13,100	4.1	12,195	3.7
Crops	39,239	34,739	78,597	100,521	31.4	95,877	29.2
Food Grains	10,571	6,422	16,665	27,433	8.6	24,653	7.5
Wheat	10,537	6,418	16,647	27,414	8.5	24,637	7.5
Feed Crops	5,864	8,634	25,134	29,916	9.3	34,009	10.3
Hay	2,886	6,202	17,399	18,817	5.9	22,414	6.8
Barley	2,551	2,087	5,838	7,810	2.5	7,474	2.2
Corn	46	135	1,649	2,970	.9	3,823	1.2
Oats	381	210	248	319	.1	298	.1
Vegetables	8,661	6,654	7,759	10,705	3.3	11,845	3.6
Potatoes	3,031	3,371	3,090	3,801	1.2	5,095	1.6
Onions	373	434	1,728	1,459	.4	1,832	.5
Dry Beans	168	105	884	2,218	.6	1,179	.3
Misc. Vegetables	5,089	2,744	2,057	3,227	1.0	3,739	1.1
Fruits, Nuts	2,019	3,309	10,752	10,380	3.2	8,312	2.5
Apples	667	512	3,243	3,524	1.1	3,189	1.0
Peaches	373	559	1,474	1,888	.6	2,090	.6
Cherries	239	829	4,787	3,777	1.2	1,886	.6
Pears	112	497	611	634	.2	591	.2
Apricots	43	260	303	204	*	185	*
Other Fruits, Nuts	585	652	334	353	.1	371	.1
All Other Crops	12,124	9,720	18,287	22,087	6.9	17,058	5.2
Sugar Beets	6,046	6,[illegible]4	11,206	13,468	4.2	9,624	2.9
Greenhouse Nursery	1,382	1,600	3,795	3,629	1.1	3,306	1.0
Alfalfa Seed	4,428	1,722	2,511	3,914	1.2	2,604	.8
Forest Products	3	30	90	100	*	120	*
Other Crops 3/	299	208	703	995	.3	1,420	.4

1/ Preliminary--Source: State Farm Income Statistics "Supplement to Statistical Bulletin No. 557, "August, 1976", Economic Research Service, United States Department of Agriculture. 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, 1973-76.

Item	1940	1/1950	1/1960	1/1970	1/1973	1/1974	1/1975	2/1976
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Total for State								
Cash Receipts:								
Crops	12.6	--	--	--	78.6	100.5	95.9	94.2
Livestock & Livestock Products	34.0	--	--	--	265.5	219.7	232.9	261.2
Crops and Livestock	46.6	152.5	162.8	222.1	344.1	320.2	328.8	355.4
Government Payments	2.8	2.4	6.6	11.1	8.0	2.9	3.3	--
Nonmoney Farm Income	--	13.4	13.4	16.8	22.0	24.3	24.2	--
Other Farm Income	--	0.2	1.6	2.3	3.4	3.8	4.2	--
Realized Gross Farm Income 3/	--	168.6	184.5	252.4	377.5	351.3	360.6	--
Farm Production Expenses	--	108.9	148.2	196.8	245.0	281.9	290.4	--
Realized Net Farm Income 4/	--	59.6	36.2	55.6	132.5	69.4	70.2	--
Net Change in Farm Inventories	--	4.4	-5.8	1.9	1.5	16.2	6/	--
Total Net Farm Income 5/	--	64.0	30.4	57.6	134.0	85.6	70.2	--
Average Per Farm		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	
Realized Gross Income per Farm	--	6,534	9,708	18,290	29,960	27,878	28,615	--
Realized Net Income per Farm	--	2,312	1,906	4,030	10,513	5,504	5,569	--
Total Net Income per Farm	--	2,481	1,599	4,171	10,634	6,793	5,570	--

1/ Source: State Farm Income Statistics, Supplement to Statistical Bulletin No. 557, Economic Research Service, USDA, August 1976. 2/ Source: "Agricultural Outlook", Economic Research Service, USDA, March 1977. 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. 6/ Less than 0.05.

Farm Operating Expenses, Utah, 1950, 1960, 1970, 1973-75.

Item	1950	1960	1970	1/1973	1/1974	1/1975
	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $	Mil. $
Feed	25.9	32.1	42.9	67.7	76.8	65.2
Livestock	12.2	11.6	14.6	18.9	14.4	16.2
Seed	2.7	2.2	2.6	3.5	5.2	4.7
Fertilizer & Lime	1.7	1.9	4.1	6.7	11.1	12.2
Repairs and Operation of Capital Items	15.8	21.4	25.2	25.3	31.2	33.3
Miscellaneous	11.5	16.4	27.1	41.3	50.3	52.8
Hired Labor	14.7	15.0	15.1	18.8	21.0	25.0
Total Current Farm Operating Expenses	84.5	100.7	131.6	182.2	210.0	209.4
Depreciation & Other Consumption of Farm Capital	13.3	20.9	33.7	35.3	42.3	48.6
Taxes of Farm Property	5.7	8.0	10.4	12.4	12.7	13.9
Interest on Farm Mortgage Debt	2.1	5.2	8.0	9.9	11.5	13.7
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	5.2	5.5	4.8
Total Production Expenses (Preliminary)	108.6	139.8	189.2	245.1	281.9	290.4
Total Production Expenses (Revised 9/75)	108.9	148.2	196.8	--	--	--

1/ Source: State Farm Income Statistics, Supplement to Statistical Bulletin No. 557, Economic Research Service, USDA, August 1976.

Field & Seed Crops

Jack B. Goodwin, Agricultural Statistician

Summary: Production of field and seed crops in Utah during 1976 was 116.3 percent of the 1957-59 average, 3 percent less than the record high in 1975 when the production index reached 120.0. Reductions in wheat, corn silage, corn for grain, oats, barley, potatoes, dry beans, sugar beets, and alfalfa seed more than offset an increase in production of hay.

The 1976 season was very favorable in some areas of the State and very poor in others. Weather during planting was favorable and planting was completed with very little delay. Crops in most sections made a fair to good start although soil moisture was short in central and southern Utah. There were no severe frosts during fruit bloom and weather was favorable for pollination. Irrigation water supplies at the start of the season were adequate in northern Utah but short in central and southern Utah.

Frosts occurred in central Utah on June 13 and 14 with heavy damage in Juab, Millard, Beaver, Sanpete, Sevier, and Piute Counties. Considerable winter wheat and barley was in the boot or heading and was a complete loss for grain. Much of this was cut for hay or straw. Corn was frozen but came back for mediocre yields. First crop hay as well as alfalfa for seed was frozen back and much of the first cutting of alfalfa hay in that area was lost.

Precipitation over the entire State was well below normal for March through October with only an occasional month in a few districts above average. Crops made excellent growth where they were not frozen and where they had adequate irrigation water as well as in those northern dry land grain areas that had adequate soil moisture reserves. Elsewhere, growth of nonirrigated crops and ranges was limited by the dry weather. The dry summer and fall weather was ideal for harvesting all crops.

At the end of the summer, range feed supplies were short. Soil moisture supplies in central and southeastern Utah were inadequate for good germination of fall seeded crops. Weather continued dry and open over nearly all the State. Reservations at the ski areas for the Thanksgiving Holiday were cancelled since all the runs lacked adequate snow.

Production of corn silage in Utah was 1,280,000 tons, 11 percent less than the record high 1,440,000 tons in 1975. Yield per acre dropped to 16.0 tons in 1976, down 2.0 tons from 1975 and the lowest since 1966. This pulled production below that of 1973 and 1974 when acreage was smaller. Mid-June frosts in central Utah reduced the crop. Corn silage acreage has been increasing in recent years and has gone from 49,000 acres harvested in 1970 to 80,000 acres in 1975 and 1976. The value of corn silage production in Utah in 1976 amounted to 22.1 million dollars. The only crop produced in the State with higher value in 1976 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 totaled 1,350,000 bushels in

1976--18 percent less than 1975. Yield at 90.0 bushels per acre from 15,000 acres compared with 110.0 bushels per acre from 15,000 acres in 1975. Nearly all corn in Utah is grown on irrigated land and is grown wherever the season permits, but the heaviest concentrations are in Utah County and north from there.

Wheat: Production of all wheat in 1976 amounted to 6,519,000 bushels, 9 percent less than 1975 and also below 1974 but above other recent years. Winter wheat output totaled 5,217,000 bushels, 9 percent less than 1975 and a little below average for the past few years. Average yield, at 23.5 bushels was 0.5 bushel below 1975 and the lowest since 1964 because of the dry weather plus June frost in central Utah. There were 222,000 acres harvested, 16,000 less than 1975 and 21,000 below 1974 but above the previous 5 years. 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. Spring wheat production, at 1,302,000 bushels, was down 10 percent from a year earlier as acreage and yield were both lower. There were 42,000 acres harvested for grain in 1976--5 percent under 1975. Spring wheat acreage the last 4 years has been substantially above 1970-72 levels as high wheat prices encouraged farmers to shift to wheat on irrigated land. The record high acreage of spring wheat was in 1918 when 160,000 acres were harvested. The Census showed 69 percent of the 1969 crop was harvested from irrigated land and 40 percent of the State's spring wheat acreage was located in Box Elder and Cache Counties.

Feed Grains: Production of barley amounted to 6,930,000 bushels in 1976--14 percent below 1975 and smallest since 1964. Yield, at 55.0 bushels, was 5.0 bushels below 1975. Area harvested for grain in 1976 amounted to 126,000 acres, 9,000 acres less than 1975, and lowest since 1964. The record high barley acreage occurred in 1957 when there were 190,000 acres harvested. Irrigated acreage of this crop according to the 1969 Census accounts for about 79 percent of the total. Major counties in barley production include Box Elder, Cache, Utah, and Millard where about 59 percent of the 1969 Census total barley acreage was harvested. Oat production, at 684,000 bushels in 1976, was 6 percent less than in 1975 and about average for recent years. Yield per acre, at 57.0 bushels, was 1.0 bushel above 1975. The acreage harvested for oats, at 12,000 was down 1,000 from 1975 and equal to the record low in 1974. 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 crop, about a third of the acreage is planted for hay or pasture--a much higher portion than for either wheat or barley. Nearly all the State's oat acreage is grown on irrigated land. Production is spread throughout the State.

Dry Beans: The 1976 dry bean crop amounted to 51,000 cwt., 19 percent below 1975 and the smallest since 1965. Average yield at 390 pounds per acre was only fair and the 13,000 acres harvested was lower than most recent years. Dry summer weather in the bean area limited yields. 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 the last three years.

Potatoes: Growers harvested 5,200 acres of potatoes in 1976, down 600 from 1975 and 1,100 from 1974. Yield per acre at 240 cwt. was down 20 cwt. from 1975 but second highest of record. Production in 1976 of 1,248,000 cwt. was down 17 percent. The largest potato acreage in Utah was recorded in 1943 when there were 19,600 acres harvested. Since that time, acreage steadily declined until 1972. A new area near Holden in Millard County was primarily responsible for the acreage in the last four 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 their potatoes stored for winter marketing. There are also about 1,000 acres in Davis County which are harvested for late summer and early fall markets. Several other counties have small acreages. All the State's potato production is on irrigated land.

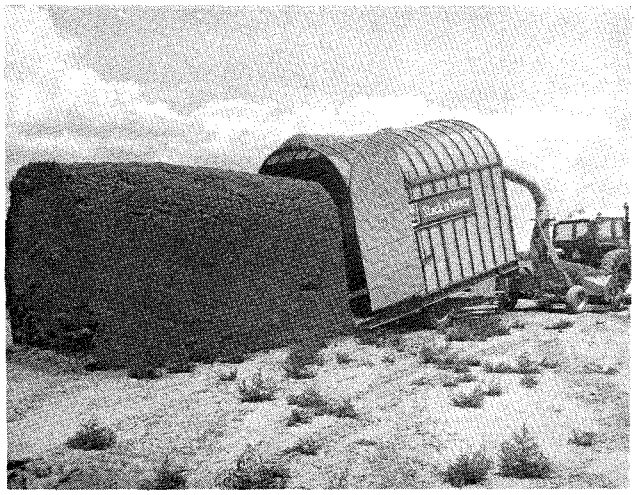
Sugar Beets: Production of sugar beets in 1976 amounted to 317,000 tons, 10 percent less than 1975 but 7 percent above the 1974 crop which was the smallest since 1952. Yield averaged 17.6 tons per acre, 1.9 tons above 1975 but about average. There were 18,000 acres harvested which was 4,500 below 1975 but 1,000 above the record low 1974 acreage. The record high of 113,000 was harvested in 1920. Weather for planting, summer growth, and harvesting was generally favorable. As acreage has decreased since 1920, sugar beet factories in the State have closed and the plant at Garland has been the only one operating since 1971. Box Elder is by far the leading sugar beet county and most of the remaining acreage is along the Wasatch Front.

Hay Crops: Production in 1976 totaled 1,820,000 tons, a record high and 9 percent above 1975. Hay (all classes) is the major crop grown in Utah. The 580,000 acres harvested in 1976 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 with a yield of 3.50 tons per acre accounted for most of the total hay with 1,610,000 tons, up 9 percent and a new record. Except for June frost damage to the first crop of alfalfa in central Utah, the 1976 season was very favorable for alfalfa hay with record high yields. Other hay production at 210,000 tons was up 6 percent. Harvest weather was favorable and quality was good.

Alfalfa Seed: Growers harvested 11,000 acres of alfalfa for seed in 1976, 15 percent below 1975 and third lowest in over 50 years. Yield averaged 215 pounds of clean seed per acre--down 65 pounds from 1975 because of damage to first crop seed by the mid-June freeze. Production totaled 2,365,000 pounds, 35 percent less than 1975 and one of the smaller crops in recent years. Currently, production is pretty well limited to the area around Delta in Millard County and a small acreage in northern Utah. The record high acreage of alfalfa seed was harvested in 1925 when seed was taken from 72,000 acres.

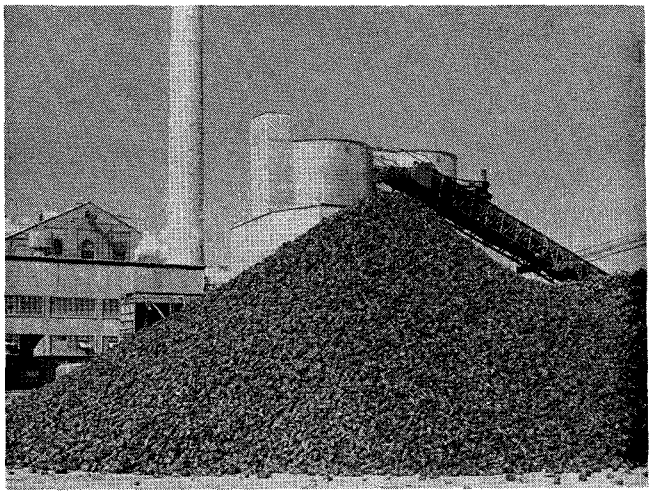
Sugar Beet Seed: Production of sugar beet seed in Utah totaled 9,696 cwt. in 1976. This was nearly a third larger than 1975 but below 1970, 1971, 1973, and 1974. Yield per acre was 2,762 pounds in 1976 compared with 1,958 pounds per acre in 1975 and 2,772 in 1974. Essentially, all the 1976 production was in Washington County in southwestern Utah.

Chopping Corn for Silage



One of Several Methods Used to Harvest Utah's Hay Crop

Spring Wheat Ready for Harvest



Sugar Beets Being Stockpiled Prior to Processing

Corn: Acreage Planted and Acreage Harvested by Use, Utah, 1940, 1950, 1960, 1965, 1970-76.

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

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, 1970-76.

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

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, 1970-76.

Year	Acres Harvested	Yield per Acre	Production	Value of Production				Sales	
				Excl. Price Support		Incl. Price Support			
				Season Average Price	Total Value	Season Average Price	Total Value	Quantity	Value 1/
	1,000 Acres	Bushel	1,000 Bushels	Dollars per Bu.	1,000 Dollars	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	1.77	399	79	116
1970.....	10	90.0	900	1.40	1,260	1.56	1,407	495	693
1971 2/...	15	78.0	1,170	1.40	1,638	1.63	1,910	725	1,015
1972.....	8	92.0	736	1.90	1,398	2.37	1,741	420	798
1973.....	13	110.0	1,430	2.78	3,975	3.01	4,308	930	2,585
1974.....	14	120.0	1,680	3.10	5,208	3.11	5,228	1,109	3,438
1975 2/...	15	110.0	1,650	3.00	4,950	3.01	4,961	1,155	3,465
1976 2/...	15	90.0	1,350	2.55	3,443	3/	3/	905	2,308

1/ Quantity sold times season average price. 2/ Record high acreage of corn harvested for grain. 3/ Not available.

Winter Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-76.

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	2.60	13,564

1/ Record high acreage of winter wheat harvested.

Spring Wheat: Acreage, Yield, Production, and Value, Utah, 1918, 1940, 1950, 1960, 1965, 1970-76.

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	2.60	3,385

1/ Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-76.

Year	Acres		Yield Per Acre	Production	Season Average Price	Value of Production	Season Average Price + Price Support Payment	Value of Production + Price Support Payment	Sales	
	Planted	Harvested							Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	Dollars Bushel	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	17,350	--	--		
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	1.70	11,421	6,098	8,415
1970.....	223	212	28.7	6,081	1.40	8,528	2.15	13,080	5,333	7,466
1971.....	217	205	30.5	6,245	1.40	8,743	2.14	13,393	5,475	7,665
1972.....	235	221	27.8	6,137	1.77	10,848	2.42	14,848	5,415	9,585
1973.....	285	254	24.9	6,331	4.14	26,214	4.52	28,601	5,574	23,076
1974.....	319	295	27.1	7,982	4.00	31,891	4.09	32,639	7,465	29,826
1975.....	302	282	25.4	7,164	3.44	24,672	3.54	25,380	6,390	22,007
1976.....	300	264	24.7	6,519	2.60	16,949	3/	3/	5,737	14,917

1/ Quantity sold times season average price excl. price support. 2/ Record high acreage of all wheat harvested.
3/ Not available.

Barley: Acreage, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-76.

Year	Acres		Yield per Acre	Production	Value of Production				Sales	
					Excl. Price Support		Incl. Price Support			
	Planted	Harvested			Season Average Price	Total Value	Season Average Price	Total Value	Quantity	Value 1/
	1,000 Acres	1,000 Acres	Bushel	1,000 Bushel	Dollars per Bu.	1,000 Dollars	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	1.09	8,846	2,833	3,031
1970.....	148	141	58.5	8,249	1.07	8,826	1.10	9,049	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	1.47	11,810	3,221	4,381
1973.....	147	135	57.0	7,695	2.35	18,083	2.46	18,966	2,847	6,690
1974.....	144	131	55.0	7,205	2.86	20,606	2.88	20,778	2,882	8,243
1975.....	144	135	60.0	8,100	2.50	20,250	2.51	20,323	2,835	7,088
1976.....	151	126	55.0	6,930	2.25	15,593	3/	3/	2,426	5,459

1/ Quantity sold times season average price--excluding price support. 2/ Record high acreage of barley harvested.
3/ Not available.

Oats: Acreage, Yield, Production, Sales, and Value, Utah, 1910, 1940, 1950, 1960, 1965, 1970-76.

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	157	275

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, 1970-76.

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.....	15	15	450	68	32.90	2,237	66	2,171
1974.....	14	14	330	46	29.60	1,362	44	1,302
1975.....	15	15	420	63	18.60	1,172	61	1,135
1976.....	13	13	390	51	11.70	597	50	585

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, 1970-76.

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

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-75.

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	125	30	181	1,297	3.70	4,799

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

Potatoes: Production and Total Stocks, Utah, 1962-76.

Year	Production	Total Stocks			
		December 1	January 1 Following Year	February 1 Following Year	March 1 Following Year
	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
1973.....	1,100	800	580	400	230
1974.....	1,481	1,040	820	570	240
1975.....	1,508	1,160	810	570	300
1976.....	1,248	900	600	440	300

Sugar Beets: Acreage, Yield, Production, and Value, Utah, 1920, 1940, 1950, 1960, 1965, 1970-76.

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	628
1975....	23.2	22.5	15.7	353	27.10	9,566	5/	5/
1976 3/.	18.4	18.0	17.6	317	4/19.40	6,150		

1/ Does not include government payments under the Sugar-Act. 2/ Record high acreage of sugar beets harvested. 3/ Preliminary. 4/ The 1976 value per ton is approximated on the basis of the estimated change in U.S. value per ton from 1975-76. 5/ Discontinued.

Sugar Beet Seed: Acreage and Production, Utah, 1940, 1941, 1950, 1960, 1965, 1970-76.

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

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, 1971-76.

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
		1971					1972			
Box Elder...	246	12,060	11,790	19.1	225,500	219	11,420	11,260	19.1	215,000
Cache.....	144	2,820	2,670	15.1	40,300	117	2,360	2,270	16.5	37,500
Weber.....	66	2,190	2,160	21.6	46,600	56	1,930	1,940	22.6	43,800
Davis.....	51	1,650	1,620	22.8	37,000	48	1,680	1,630	23.9	39,000
Salt Lake...	68	2,750	2,620	19.4	50,700	54	2,150	2,140	19.6	42,000
Utah.....	74	2,720	2,660	16.6	44,200	68	2,320	2,170	19.4	42,000
Sanpete.....	5	200	200	14.0	2,800	2	50	40	17.5	700
Sevier.....	6	120	120	15.8	1,900	1	60	60	23.3	1,400
Carbon.....	10	990	960	14.6	14,000	8	530	490	19.6	9,600
Total.....	670	25,500	24,800	18.7	463,000	573	22,500	22,000	19.6	431,000
		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

1/ County estimates through 1974 are based on Utah A.S.C.S. Annual Reports of Farm Programs adjusted to S.R.S. State estimates, rounded to 10 acres and 100 tons. Data for 1975 and 1976 are based on sugar company reports to S.R.S. 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, 1970-76.

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.....	578	2.93	1,695	46.50	78,818	441	20,507
1975.....	584	2.86	1,670	52.50	87,675	468	24,570
1976.....	580	3.14	1,820	53.50	97,370	546	29,211

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, 1970-76.

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.....	118	1.50	177
1975.....	460	3.20	1,472	1975.....	124	1.60	198
1976.....	460	3.50	1,610	1976.....	120	1.75	210

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, 1970-76.

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	2,341	2,458

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, 1970-76.

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
1971....	3,435	2,373	1,311	--	406
1972....	2,884	2,332	1,105	--	430
1973....	3,482	2,026	1,140	--	506
1974....	4,470	3,273	1,836	--	878
1975....	3,224	2,364	1,648	1,075	2/
1976....	3,585	2,477			
			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
1971....	5,048	5,556	4,184	--	2,707
1972....	7,923	5,813	5,074	--	1,792
1973....	6,261	6,013	4,687	--	2,794
1974....	6,065	6,393	4,389	--	2,490
1975....	7,841	6,391	5,001	3,415	2/
1976....	7,816	6,570			
			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
1971....	8,483	7,929	5,495	--	3,113
1972....	10,807	8,145	6,179	--	2,222
1973....	9,743	8,039	5,827	--	3,300
1974....	10,535	9,666	6,225	--	3,368
1975....	11,065	8,755	6,649	4,490	2/
1976....	11,401	9,047			

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, 1970-76.

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
1971.....	635	470	243	--	118
1972.....	500	365	237	--	115
1973.....	643	491	302	--	151
1974.....	445	350	165	--	95
1975.....	582	408	255	109	2/
1976.....	479	287			
			Off Farms 1/		
1950.....	167	244	154	--	96
1960.....	101	72	80	--	75
1965.....	169	216	174	--	100
1970.....	218	216	145	--	104
1971.....	244	126	90	--	159
1972.....	168	111	193	--	98
1973.....	168	212	160	--	163
1974.....	144	305	317	--	62
1975.....	125	105	88	91	2/
1976.....	144	225			
			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
1971.....	879	596	333	--	277
1972.....	668	476	430	--	213
1973.....	811	703	462	--	314
1974.....	589	655	482	--	157
1975.....	707	513	343	200	2/
1976.....	623	512			

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, 1970-76.

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
1971.....	5,538	4,430	1,704	--	1,022
1972.....	5,314	3,221	2,013	--	564
1973.....	5,463	4,001	1,385	--	846
1974.....	3,530	2,882	1,513	--	865
1975.....	4,617	3,645	1,944	1,377	2/
1976.....	3,604	2,772			
			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
1971.....	2,253	1,391	1,254	--	653
1972.....	3,452	2,563	1,066	--	579
1973.....	2,686	2,321	1,324	--	663
1974.....	2,642	1,746	1,119	--	657
1975.....	3,029	2,200	1,410	1,091	2/
1976.....	4,290	3,265			
			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
1971.....	7,791	5,821	2,958	--	1,675
1972.....	8,766	5,784	3,079	--	1,143
1973.....	8,149	6,322	2,709	--	1,509
1974.....	6,172	4,628	2,632	--	1,522
1975.....	7,646	5,845	3,354	2,468	2/
1976.....	7,894	6,037			

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, 1970-77.

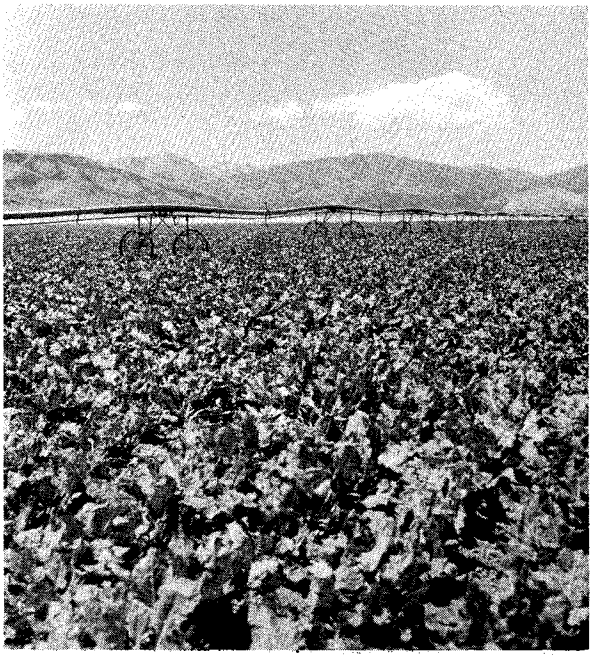
Year	January 1, Stocks	April 1, Stocks	June 1, Stocks	July 1, Stocks	October 1, Stocks
	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels	1,000 Bushels
			On Farms		
1951....	88	50	--	4	2
1961....	111	50	--	8	2
1966....	135	63	--	11	7
1970....	1/	1/	--	1/	1/
1971....	1/	1/	--	1/	1/
1972....	1/	1/	--	1/	1/
1973....	324	162	--	37	22
1974....	501	215	--	86	43
1975....	655	336	--	168	84
1976....	693	363	215	3/	116
1977....	608				
			Off Farms 2/		
1951....	70	88	--	115	59
1961....	426	390	--	552	99
1966....	3/	3/	--	3/	113
1970....	345	236	--	208	68
1971....	245	324	--	285	143
1972....	153	228	--	97	59
1973....	187	171	--	234	251
1974....	171	294	--	221	190
1975....	380	315	--	174	137
1976....	255	265	222	3/	150
1977....	479				
			Total All Positions		
1951....	158	138	--	119	61
1961....	537	440	--	560	101
1966....	3/	3/	--	3/	120
1970....	345	236	--	208	68
1971....	245	324	--	285	143
1972....	153	228	--	97	59
1973....	511	333	--	271	273
1974....	672	509	--	307	233
1975....	1,035	651	--	342	221
1976....	948	628	437	3/	266
1977....	1,087				

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. 3/ Midyear estimate changed from July 1 to June 1 in 1976.

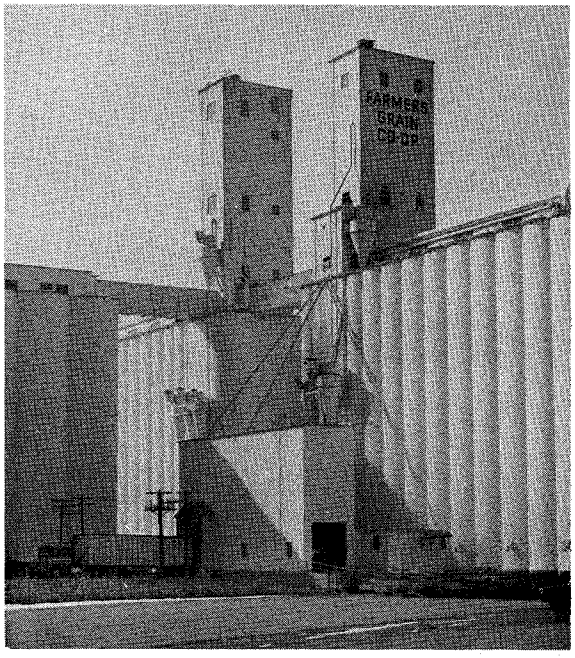
Grain Stocks - Sorghum: Off Farm and Total by Quarters, Utah, 1961, 1966 1970-77.

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
1971....	253	243	--	222	205
1972....	244	407	--	234	321
1973....	165	88	--	80	61
1974....	202	386	--	67	270
1975....	30	71	--	139	181
1976....	73	22	51	3/	69
1977....	158				

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.



Self Propelled Overhead Sprinkler System in Operation on Sugar Beets



One of Utah's Several Grain Elevators Located Along the Wasatch Front

Fruits

Ronald A. Sadler, 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 subdivisions taking orchard lands and competition from other States. 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--Jonathan, Delicious, Golden Delicious, and Rome Beauty--with Delicious having over 50 percent of the total production in most recent years. Most of Utah's fruit trees are concentrated in a narrow band 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, Salt Lake, and Washington.

Apples and peaches in Utah are grown primarily for fresh market and most apricots, sweet cherries, and pears are sold for fresh market although some sweet cherries are brined, and in some years some apricots are canned or frozen, and some pears are shipped for canning in other States. The portion processed varies with the size and quality of the crop. In 1976, processors took 28 percent of the sweet cherry crop but none of the apricot or pear crops. Nearly all tart cherries are processed--frozen canned, or juice--with most frozen.

1976 Production: The 1976 season was favorable for all Utah fruit crops in most areas. Spring frost damage was light and most fruits set good to heavy crops. Total fruit production, at 50,540 tons, was second largest in 15 years. It compared with 43,900 tons in 1975 and was only 9 percent less than the very heavy crop of 55,350 tons in 1973. Peach production at 8,900 tons was the largest since 1951 and was 11 percent more than the good 1975 crop. The apple crop totaling 20,000 tons was a tenth smaller than 1975 but third largest in recent years--following the 26,350 tons in 1973, and 22,000 in 1975. Sweet cherry production doubled from the short crop of 2,800 tons in 1975 to 6,000 tons in 1976. There were 8,500 tons of tart cherries in 1976 which equaled the record 1973 crop and was more than double the 4,000 tons in 1975. Pear production totaled 5,300 tons compared with 4,100 tons a year earlier and the large 1973 crop of 5,830 tons. The apricot crop totaled 1,840 tons against 500 tons a year earlier and 2,170 tons in 1973. The summer was dry and warm--favorable for development and harvest of fruit. Harvest was completed with very little loss.

Utah Fruit - Production and Value, 1961-76.

Year	Apples	Peaches	Pears	Sweet Cherries	Sour Cherries	Apricots	Total
			Production - Tons				
1961.....	4,450	5,050	2,250	1,900	2,300	2,400	18,350
1962.....	10,650	7,100	4,380	2,900	3,700	1,800	30,530
1963.....	11,850	2,650	6,750	2,600	4,100	1,000	28,950
1964.....	10,300	6,250	5,875	3,600	2,030	3,000	31,055
1965.....	7,850	1,200	1,225	990	3,500	200	14,965
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	6,180	(4,500)	47,980
1970.....	13,750	6,500	4,300	2,300	4,900	2,000	33,750
1971.....	12,500	6,500	4,200	4,600	6,700	3,200	37,800
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	43,900
1976.....	20,000	(8,900)	5,300	6,000	(8,500)	1,840	50,540
Total of Record High Productions since 1966.....							(62,250)
			Value of Production $1,000				
1961.....	543	641	274	680	366	240	2,744
1962.....	963	665	385	893	385	216	3,507
1963.....	865	371	513	910	681	122	3,462
1964.....	801	508	482	1,109	217	219	3,336
1965.....	630	189	130	648	357	24	1,978
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	599	5,711
1970.....	1,570	826	439	830	701	276	4,642
1971.....	1,785	845	365	1,118	1,079	448	5,640
1972.....	355	200	43	--	133	0	784
1973.....	3,531	1,512	624	2,035	2,839	315	10,856
1974.....	3,478	1,936	646	1,695	2,152	211	10,118
1975.....	3,136	2,144	603	1,165	760	193	8,001
1976.....	3,160	2,261	970	2,022	4,029	298	12,740

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, 1970-76.

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	--	--	5.71	1,570
1971.....	26.0	1.0	25.0	--	--	7.14	1,785
1972.....	4.0	--	4.0	--	--	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	3/	3/	7.90	3,160

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 7, 1977.

Commercial Apples: Production by Varieties, Utah, 1973-76.

Variety	1973		1974		1975		1976	
	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan.....	10.1	17.4	3.3	8.9	7.4	15.1	8.0	20.0
Delicious.....	33.3	57.4	21.5	58.1	27.0	55.1	22.4	56.0
Golden Delicious...	5.2	9.0	2.0	5.4	3.4	7.0	2.8	7.0
Rome Beauty.....	7.8	13.4	9.7	26.2	10.3	21.0	5.6	14.0
Other.....	1.6	2.8	0.5	1.4	0.9	1.8	1.2	3.0
Total.....	58.0	100.0	37.0	100.0	49.0	100.0	40.0	100.0

Peaches: Production, Use, and Value, 1922, 1940, 1950, 1960, 1965, 1970-76.

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	--	--	6.35	826
1971.....	13.0	--	13.0	--	--	6.50	845
1972.....	1.5	--	1.5	1.5	0	13.30	200
1973.....	12.0	--	12.0	12.0	0	12.60	1,512
1974.....	16.0	--	16.0	16.0	0	12.10	1,936
1975.....	16.0	--	16.0	16.0	0	13.40	2,144
1976.....	18.0	0.2	17.8	17.8	0	12.70	2,261

1/ Record high peach production.

Pears: Production, Use, and Value, Utah, 1940, 1950, 1954, 1960, 1965, 1970-76.

Year	Production			Utilization		Average Price	Value or 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

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, 1970-76.

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	--	--	361.00	830
1971.....	4,600	--	4,600	--	--	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

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, 1970-76.

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	--	--	143.00	701
1971.....	6,700	--	6,700	--	--	161.00	1,079
1972.....	650	--	650	--	--	205.00	133
1973 1/.....	8,500	--	8,500	--	--	334.00	2,839
1974.....	5,800	--	5,800	50	5,750	371.00	2,152
1975.....	4,000	--	4,000	50	3,950	190.00	760
1976.....	8,500	--	8,500	2/	2/	474.00	4,029

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

Apricots: Production, Use, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-76.

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.....	2,000	--	2,000	--	--	138.00	276
1971.....	3,500	300	3,200	--	--	140.00	448
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

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.

Cherries Being Sorted and Packed for Marketing

Apples Being Inspected for Coloration

Apple Harvest in Utah County

A Peach Orchard in Box Elder County

Vegetables

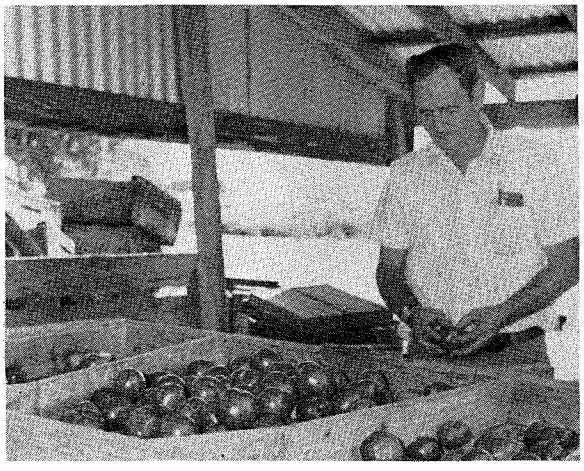
Thomas E. Kurtz, Agricultural Statistician

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, are enjoying a recent increase in acreage, 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 in 1976 because of an increase in acreage plus a slight increase in yields. Total production in 1976, at 450,000 cwt., was 19 percent above 1975 and largest since 1944. Acreage harvested in 1976 totaled 1,500 acres, which was 200 acres more than in 1975 and the largest since 1946. Yield per acre, at 300 cwt., compared with 290 cwt. in 1975 and 300 in 1974. Planting and early growth was a little slow. Harvesting weather was favorable. Prices averaged $6.68 per cwt. which was about three fourths the record $9.09 for 1975 crop onion sales. Total value of the 1976 onion crop sales was $2,585,000. Davis is the leading onion county with some also grown in Weber, Box Elder, Salt Lake, and Utah Counties.

Production of vegetables for commercial processing in Utah has declined sharply during the past 30 years. Although there was some increase in 1974 and 1975, the downtrend resumed in 1976 with only 5,260 acres harvested for processing, the smallest in many years. This was 16 percent less than 1975 and less than one-fifth the record high level in 1942 of 28,230 acres. The value of 1976 production was $2,066,000--17 percent less than 1975. Tomatoes, sweet corn, green peas, green lima beans, and snap beans were the vegetables grown for processing during 1976. In earlier years, table beets and cucumbers for pickles were also grown for processing in the State. Most of the acreage grown in 1976 was in Box Elder, Cache, Weber, and Davis Counties.

Washing and Boxing Radishes



Inspecting and Grading Tomatoes

Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, 1940, 1944, 1950, 1960, 1965, 1970-76.

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

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, 1970-76.

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

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

Dennis G. Schmidt, Agricultural Statistician

Cash receipts from the sale of cattle and calves by Utah farmers and ranchers during 1976 totaled $97,177,000, up 28 percent from 1975 and second highest of record but still 11 percent below the 1973 record. This placed cattle cash receipts back into first place after following receipts from milk sales for two years. Cattle and calves accounted for 27 percent of the total cash receipts for all agricultural products sold during 1976 compared with 23 percent in 1975. 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--then the sharp drop to 22 percent in 1974 occurred as cattle and calf prices tumbled. There was some recovery in cash receipts in 1975 and 1976 as marketings increased in 1975 and both marketings and prices increased in 1976.

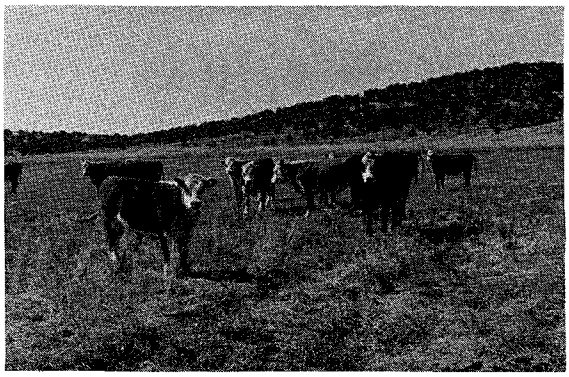
The cattle industry in Utah has always been an important element in the livelihood of the State's inhabitants. Utah, with only 4.1 percent of its area in cropland, has vast canyonlands; desert areas; and mountain forests which lend themselves to livestock operations. Most farms and ranches producing 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, Duchesne, Uintah, and Rich.

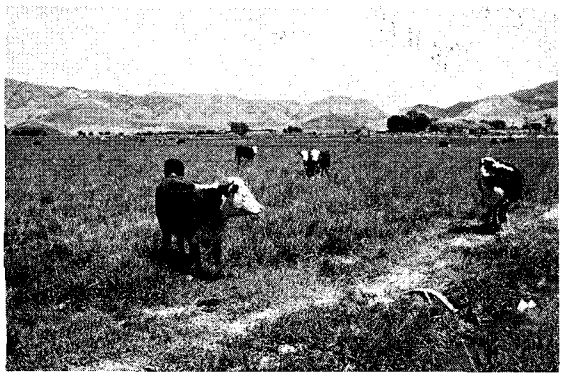
Cattle Inventory January 1, 1977: There were 880,000 head of cattle and calves in Utah on January 1, 1977. This was 5 percent less than the record high 927,000 a year earlier. All of the decline was in beef stock with sharpest declines in replacement heifers and cows. All cows and heifers that have calved totaled 414,000 head, 6 percent below a year earlier. Beef cows declined 7 percent to 335,000 head and milk cows were unchanged at 79,000. Heifers, 500 pounds and over amounted to 136,000 head, down 1,000 head. Included were 53,000 for beef cow replacements, 39,000 for milk cow replacements, and 44,000 others. Steers, 500 pounds and over, at 77,000 were down 6 percent. Bulls, 500 pounds and over totaled 18,000 this year, 1,000 less than a year earlier. Number of calves, under 500 pounds, declined 5 percent and totaled 235,000 head.

Since 1940 cattle numbers have more than doubled--from 432,000 to 880,000. During that 35 year period, milk cow numbers declined about one-fourth while beef cows more than 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 Janaury 1, 1977: The number of cattle on feed for slaughter market in Utah on January 1, 1977 totaled 60,000 head. This was unchanged from a year earlier but was above the four previous years. There are also some warm-up type operations in the State. After putting on the cheaper gains, these warm-up feeders ship their cattle to other feedlots in Utah or other areas for finishing. These are not included in the above numbers of "cattle on feed". Most cattle feedlots in Utah are located in north-central or central counties.

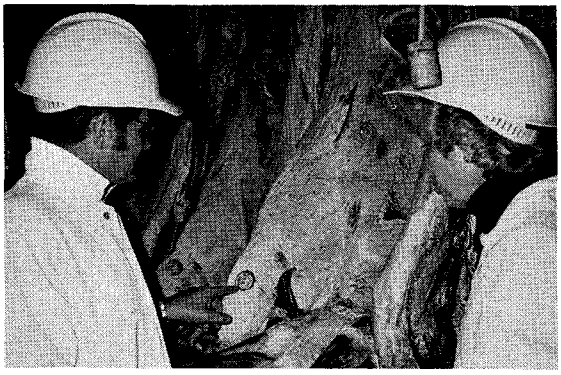


Cattle on the Range



Cattle Grazing in Valley Pastures

Cattle in the Feedlot



A stamp on the beef carcass means the meat has been government inspected for cleanliness and wholesomeness.

All Cattle: Number of Cattle Farms 1965, 1970-76 and Number and Value of Cattle on Farms, Utah, January 1, 1940, 1950, 1960, 1965, 1970-77.

Year	Farms		Cattle on Farms January 1			
	With Cattle	With Milk Cows	Number	Value		On Feed For Market
				Per Head	Total	
			1,000 Head	Dollars	1,000 Dollars	1,000 Head
1940.....	--	--	432	38.20	16,502	--
1950.....	--	--	588	126	74,088	40
1960.....	--	--	719	136	97,784	61
1965.....	11,700	6,200	755	116	87,580	66
1970.....	10,000	3,800	808	185	149,480	57
1971.....	9,600	3,500	832	195	162,240	68
1972.....	9,400	2,700	832	210	174,720	55
1973.....	8,900	2,400	824	255	210,120	53
1974.....	9,400	2,600	832	335	278,720	58
1975.....	9,400	2,600	900	160	144,000	52
1976 1/....	9,500	2,600	927	200	185,400	60
1977.....	--	--	880	210	184,800	60

1/ Record high January 1 Inventory.

Calf Crop: Utah, 1940, 1950, 1960, 1965, 1970-76.

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

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, 1970-77.

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 Replace-ments	Milk Cow Replace-ments	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

Cattle and Calves: Inventory, Supply, and Disposition, Utah, 1940, 1950, 1960, 1965, 1970-76.

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

1/ Includes custom slaughter for use on farms where produced, but excludes inter-farm sales within the State.
2/ Excludes custom slaughtered at commercial establishments.

Cattle and Calves: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-76.

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...	260,435	281,845	27.40	35.70	76,477	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	225,462	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	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes custom slaughter for use on farms where produced and inter-farm 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, 1970-76 and Monthly 1975-76.

Year	Cattle			Calves			Total	
	Number	Weight Per Head	Total Live Weight	Number	Weight Per Head	Total Live Weight	Number	Total Live Weight
	1,000 Head	Pounds	1,000 Pounds	1,000 Head	Pounds	1,000 Pounds	1,000 Head	1,000 Pounds
1944 1/....	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
1975								
Jan.	27.5	1,074	29,535	.2	354	71	27.7	29,606
Feb.	22.0	1,076	23,672	.1	363	36	22.1	23,708
Mar.	23.8	1,082	25,752	.2	357	71	24.0	25,823
Apr.	23.9	1,075	25,692	.2	376	75	24.1	25,767
May	21.1	1,074	22,661	.2	349	70	21.3	22,731
June.....	22.0	1,051	23,122	.2	396	79	22.2	23,201
July.....	24.3	1,045	25,394	.2	324	65	24.5	25,459
Aug.	25.5	1,058	26,979	.3	345	104	25.8	27,083
Sep.	28.0	1,063	29,764	.3	356	107	28.3	29,871
Oct.	28.5	1,064	30,324	.3	347	104	28.8	30,428
Nov.	26.0	1,029	26,754	.2	364	73	26.2	26,827
Dec.	28.5	1,037	29,554	.2	351	70	28.7	29,624
1976								
Jan.	24.2	1,075	26,015	.3	313	94	24.5	26,109
Feb.	22.5	1,089	24,502	.2	389	78	22.7	24,580
Mar.	25.5	1,086	27,693	.2	375	75	25.7	27,768
Apr.	23.0	1,095	25,185	.1	386	39	23.1	25,224
May.....	19.5	1,086	21,177	.1	372	37	19.6	21,214
June.....	23.2	1,083	25,126	.1	342	34	23.3	25,160
July.....	22.3	1,058	23,593	.4	319	128	22.7	23,721
Aug.	24.0	1,092	26,208	.2	323	65	24.2	26,273
Sep.	24.1	1,069	25,763	.2	390	78	24.3	25,841
Oct.	23.7	1,075	25,478	.1	375	38	23.8	25,516
Nov.	25.5	1,053	26,852	.2	343	69	25.7	26,921
Dec.	23.1	1,071	24,740	.1	361	36	23.2	24,776

1/ First year on record.

Sheep & Wool

Ronald A. Sadler, Agricultural Statistician

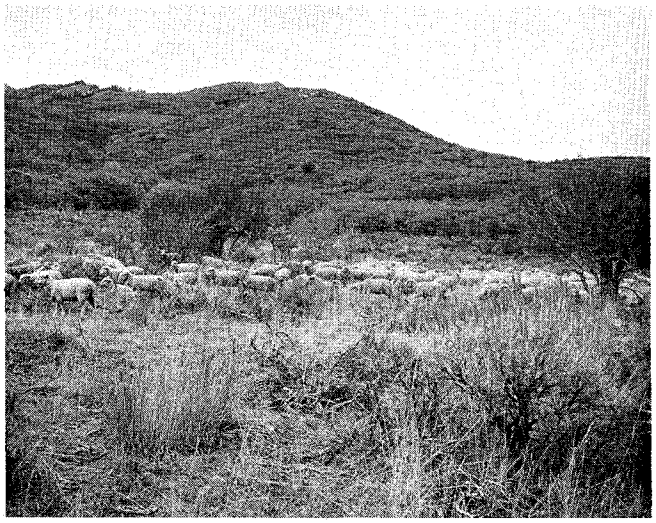
Sheep numbers continue to decline and sheep and wool remain in fifth place in cash income among the agricultural products sold by Utah farmers during 1976--following cattle, milk, hay, and turkeys. Cash receipts from sheep and wool during 1976 totaled 17.6 million dollars compared with 19.9 million in 1975. Receipts from sheep and lambs dropped 18 percent with a 32 percent cut in marketings more than offsetting an increase in prices. Receipts from wool increased 31 percent as wool price increased more than enough to offset the decline in production.

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 many are grazed during the winter on desert ranges.

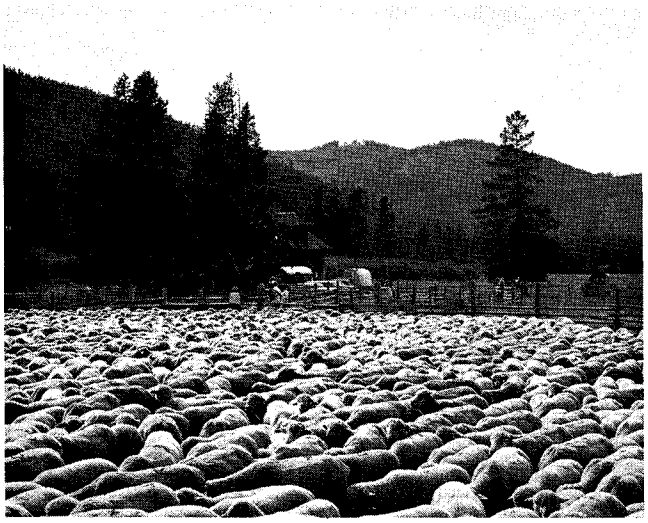
Migratory sheep operations have always been one of the important agricultural industries in the State. Utah reached its peak number of stock sheep in 1901 with 2,882,000 head. Stock sheep numbers then gradually declined to 2,068,000 head in 1915 when the downward trend reversed and sheep numbers began 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 560,000 stock sheep on January 1, 1977 were about one-fifth of the 1901 and 1931 peak numbers. Utah is the fifth ranking State in stock sheep numbers, and is the Nation's largest migratory sheep producer.

Inventory, January 1, 1977: The January 1, 1977 all-sheep inventory for Utah, at 580,000 head, was down 2 percent from a year earlier and the smallest in 90 years. The reduction occurred in both stock sheep--from 568,000 to 560,000--and lambs on feed--from 22,000 to 20,000. Among stock sheep, the number of ewes one year old and over, at 475,000 was down 1 percent and ewe lambs at 65,000 were down 4 percent. Wethers and rams--essentially all rams--of all ages totaled 20,000 head compared with 19,000 on January 1, 1976.

Wool Production, 1976: The 1976 wool crop for Utah was estimated at 5,428,000 pounds, grease basis. This was 11 percent less than the 1975 clip and smallest since estimates started in 1909. The number of sheep shorn in 1976 totaled 529,000 compared with 591,000 in 1975. Weight per fleece at 10.3 pounds was near the record high 10.4 pounds in 1975 and was equal to or above all other years. Prices received by sheepmen for wool sold in 1976 averaged 65 cents a pound, grease basis, compared with 44 cents in 1975, 59 cents in 1974, 78 cents in 1973, and 26 cents in 1972.

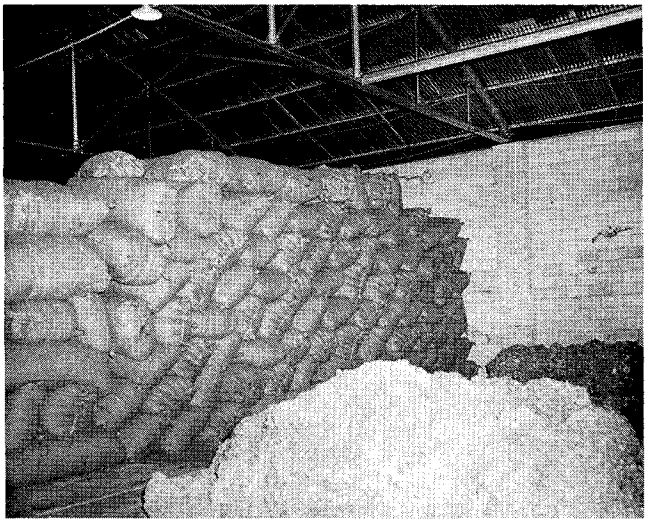


Migratory sheep operations have always been an important agricultural industry in Utah.



As winter approaches, sheep are moved from high summer ranges to lower elevations.

A substantial portion of Utah's range sheep operations are headquartered in the central section of the State.



A pile of graded wool ready for rebagging prior to shipment to processor.

Sheep: Number of Sheep Farms, 1965, 1970-76; and Number and Value of Sheep on Farms, Utah, January 1, 1901, 1931, 1940, 1950, 1960, 1965, 1970-77.

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....	2,600	905	32.50	29,413	820	--	--	85
1974....	2,300	772	39.50	30,494	722	--	--	50
1975....	2,000	697	38.50	26,835	660	--	--	37
1976....	2,000	590	42.50	25,075	568	--	--	22
1977....	--	580	51.00	29,580	560	--	--	20

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, 1970-77.

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

Sheep and Lambs: Inventory Numbers, Lamb Crop and Disposition, Utah, 1931, 1940 1950, 1960, 1965, 1970-76.

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

1/ Includes custom slaughter for use on farms where produced, but excludes inter-farm 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, 1970-76.

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.....	60,899	73,550	7.10	25.40	15,009	16,992	608	17,600	--
1971.....	57,795	63,960	5.50	23.70	12,758	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	--

1/ Adjustments made for changes in inventory and for inshipments. 2/ Excludes custom slaughter for use on farms where produced and inter-farm 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, 1970-76.

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

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, 1970-76.

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

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, 1970-76, and Monthly 1975-76.

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
1975			
Jan.	16.2	105	1,701
Feb.	17.4	107	1,862
Mar.	18.8	106	1,993
Apr.	18.9	105	1,984
May.....	20.5	105	2,152
June.....	11.2	105	1,176
July.....	23.1	106	2,449
Aug.	6.8	108	734
Sep.	2.4	106	254
Oct.	2.8	110	308
Nov.	2.1	108	227
Dec.	2.3	115	264
1976			
Jan.	2.1	111	233
Feb.	2.0	104	208
Mar.	1.8	108	194
Apr.	1.9	105	200
May.....	2.0	106	212
June.....	2.3	102	235
July.....	3.6	105	378
Aug.	3.2	104	333
Sep.	2.4	106	254
Oct.	2.3	110	253
Nov.	2.5	111	278
Dec.	1.9	111	211

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

Hogs

Jack B. Goodwin, Agricultural Statistician

Hog production in Utah has declined greatly in the last 30 years and is relatively small, accounting for only 1.9 percent of the total cash receipts of farmers in 1975. 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.

December 1, 1976 Inventory: As of December 1, 1976 there were 48,000 head of hogs and pigs on Utah farms, 5,000 more than a year earlier. Of the total, 8,000 were being kept for breeding and 40,000 were classified as market hogs and pigs. January 1 hog numbers reached a peak in 1944 when 196,000 were on Utah farms--4 times the current level.

1976 Pig Crop: The 1976 pig crop for Utah was estimated at 73,000 pigs saved, 10 percent above 1975 but only 22 percent of the 1943 peak. The December 1975-May 1976 pig crop totaled 31,000 head, 107 percent of a year earlier. Litter size for spring sows averaged 7.7 pigs compared with 6.7 a year earlier. The June-November 1976 pig crop was 42,000 head, 5,000 more than 1975. Pigs per fall litter averaged 7.2 compared with 7.3 a year earlier.

Pig Crop: Sows Farrowing and Pigs Saved, Utah, 1940, 1943, 1950, 1960, 1965, 1970-76.

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.....	4.4	6.7	29	5.0	7.3	37	9.4	66
1976.....	4.0	7.7	31	5.9	7.2	42	9.9	73

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

Hogs and Pigs: Number of Hog Farms, 1965, 1969-76, and Number and Value of Hogs on Farms, Utah, January 1, 1940, 1944, 1950, 1960, 1965, and 1969, December 1, 1969-76.

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	2,000	Dec. 1, 1971	50	23.50	1,175
1972	1,800	Dec. 1, 1972	42	32.00	1,344
1973	1,800	Dec. 1, 1973	42	53.00	2,226
1974	2,100	Dec. 1, 1974	41	35.50	1,456
1975	1,900	Dec. 1, 1975	43	60.00	2,580
1976	1,800	Dec. 1, 1976	48	43.50	2,088

1/ Record high January 1 Hog and Pig Inventory.

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1965-76

Year	Total	Breeding	Market	Market Hogs & Pigs by Weight Group				
				Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180-219 Lbs.	220+ Lbs.
	1,000 Head	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	6	1
1966...	40	7	33	12	8	7	5	1
1967...	43	8	35	13	9	7	5	1
1968...	43	7	36	15	9	7	4	1
1969...	43	7	36	16	8	6	5	1
1970...	45	8	37	16	9	6	5	1
1971...	50	7	43	17	12	8	5	1
1972...	42	6	36	14	10	7	4	1
1973...	42	7	35	14	11	6	3	1
1974...	41	6	35	11	12	7	4	1
1975...	43	8	35	18	6	7	3	1
1976...	48	8	40	18	11	5	5	1

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, 1940, 1944, 1950, 1960, 1965, 1970-76.

Year	Inventory Beginning of Year	Annual Pig Crop	Inship-ments	Market-ings 1/	Farm Slaught-er 2/	Deaths	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	59	3	5	45
1971.....	45	74	3	64	3	5	50
1972.....	50	62	2	65	3	4	42
1973.....	42	68	2	63	3	4	42
1974.....	42	67	2	62	4	4	41
1975.....	41	66	2	59	3	4	43
1976.....	43	73	2	62	4	4	48

1/ Includes custom slaughter for use on farm where produced but excludes inter-farm 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, 1970-76.

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.....	14,061	12,697	22.40	3,150	2,844	269	3,113	--
1971.....	15,290	13,876	16.40	2,508	2,276	208	2,484	--
1972.....	15,093	14,898	22.90	3,456	3,412	275	3,687	--
1973.....	15,594	14,491	35.90	5,598	5,202	430	5,632	--
1974.....	14,715	12,578	33.20	4,885	4,176	718	4,894	--
1975.....	14,655	13,426	43.30	6,346	5,813	549	6,362	--
1976.....	16,335	12,919	42.90	7,008	5,542	1,270	6,812	--

1/ Adjustments made for inshipments and changes in inventories. 2/ Excludes inter-farm 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, 1970-76 and monthly 1975-76.

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
1975			
Jan.	6.9	214	1,477
Feb.	5.5	216	1,188
Mar.	6.2	215	1,333
Apr.	7.7	212	1,632
May.....	6.7	207	1,387
June.....	6.1	214	1,305
July.....	5.4	212	1,145
Aug.	5.5	203	1,116
Sep.	4.8	221	1,061
Oct.	4.8	208	998
Nov.	4.7	213	1,001
Dec.	5.6	213	1,193
1976			
Jan.	5.5	212	1,166
Feb.....	4.9	214	1,049
Mar.	6.0	214	1,284
Apr.	4.8	213	1,022
May.....	5.6	212	1,187
June.....	6.2	217	1,345
July.....	4.2	255	1,071
Aug.	4.7	255	1,198
Sep.	6.1	264	1,610
Oct.	7.7	261	2,010
Nov.	11.7	264	3,089
Dec.	12.9	265	3,418

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

Dairy

Ronald A. Sadler, Agricultural Statistician

Dairying dropped back to second place in cash receipts in 1976 after leading cattle in 1974 and 1975. The average price received for milk sold to plants during 1976 was a record high at $9.45 per cwt. and production was almost a record which resulted in record high cash receipts of $88 million, 10 million above 1975. However, cattle cash receipts jumped $21 million to overtake milk as cattle herds were reduced by record high marketings. Dairying still accounted for about one-fourth of the total cash receipts for crops and livestock in 1976. 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, Fillmore, 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 1976 totaled 924 million pounds, 5 million above 1975 but slightly less than the 1974 record 925 pounds. Monthly totals varied from a low of 70 million pounds in Februray to a high of 84 million pounds in July. The 1976 average production per cow, at 11,696 pounds, was the third highest annual average ever attained in the State--below only the record 11,859 in 1974 and 11,703 in 1973. It was more than double that in 1940 and seventh highest among the 50 States. The milk cow population for the State averaged 79,000 head during 1976, the same as in 1975 but far below the 117,000 cows in the peak years 1944 and 1945.

Milk from Utah farms sold to plants in 1976 totaled 855 million pounds, of which 73 percent was fluid grade and 27 percent manufacturing grade. Considerable surplus fluid grade milk was used for manufacturing, however. In addition, 43 million pounds of whole milk were retailed directly to consumers. Farm uses (fed to calves and human consumption) totaled 25 million pounds.

For the milk sold to plants, Utah farmers received an average of $9.60 per cwt. for fluid grade milk, $8.95 for manufacturing grade milk, and $9.45 for all milk. These were the highest prices ever received. For the 43 million pounds retailed by Utah farmers in 1976, an average of $15.81 per cwt., 34 cents per quart was received. Gross farm income from dairy products in 1976 reached 89.2 million dollars, highest ever and up 13 percent from 1975.

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 5.7 million pounds in 1976, was down 23 percent from 1975 and the smallest since 1955. Record high was 11.8 million

pounds attained in 1937. Manufacture of cheese in Utah in 1976 was a record high and 5 times the 1965 level. Production in 1976, in million pounds, was 43.6 for American; 20.2 for Swiss; 63.8 for all whole milk cheese--10 percent more than 1975 and 1 percent above the previous record in 1974. Creamed cottage cheese (including low fat) production totaled 9.7 million pounds in 1976, up 14 percent from 1975 and about equal to 1974. Dry whey production dropped 9 percent from 1975 and at 18.8 million pounds was 30 percent under the record 1974.

Ice cream production totaled 6.7 million gallons in 1976, down slightly from the 1975 record. Ice milk production was 2.86 million gallons in 1976, up 12 percent from 1975 but still below 1974. Of this total, 1.20 million gallons or 42 percent was in hard form and the balance or 58 percent in soft form. Sherbet production in 1976 was 454,000 gallons, second largest ever and up 1 percent from 1975. All ice cream and sherbet is frozen in hard form in Utah.

Milk Cows and Milk Production by Months, Utah, 1972-76.

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
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
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

1/ Average for year.

Milk Cows and Production of Milk and Milkfat on Farms, Utah, 1940, 1950, 1960, 1965, and 1970-76.

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....	3.5	80	10,500	384	3.66	840	31
1972....	2.7	77	11,351	413	3.64	874	32
1973....	2.4	74	11,703	430	3.67	866	32
1974 1/.	2.6	78	11,859	433	3.65	925	34
1975....	2.6	79	11,633	427	3.67	919	34
1976....	2.6	79	11,696	423	3.62	924	33

1/ Record high annual milk production.

Milk Used and Marketed by Farmers, Utah, 1940, 1950, 1960, 1965, 1970-76.

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	25	103	296	116	35	447
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	9	--	17	865	--	37	902
1976....	10	15	--	25	855	--	44	899

Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, 1940, 1950, 1960, 1965, 1970-76.

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	Million Quarts	Cents	1,000 Dollars
1940...	296	--	1.45	4,292	4,330	30	1,299	16	7.7	1,232
1950...	515	--	3.69	19,004	970	62	601	13	16.0	2,080
1960...	675	--	4.07	27,472	400	55	220	10	18.0	1,800
1965...	655	74	4.09	26,790	140	52	73	18	16.7	3,006
1970...	740	71	5.48	40,552	70	59	41	23	21.5	5,000
1971...	775	71	5.65	43,787	70	60	42	17	22.0	3,786
1972...	805	72	5.83	46,932	40	60	24	20	23.0	4,493
1973...	805	72	6.97	56,108	--	--	--	17	25.0	4,186
1974...	860	73	8.10	69,660	--	--	--	19	28.0	5,340
1975...	865	75	8.50	73,525	--	--	--	17	28.0	4,819
1976...	855	73	9.45	80,798	--	--	--	20	34.0	6,958

Farm Dairy Products: Marketings, Income, and Value, Utah, 1940, 1950, 1960, 1965, 1970-76.

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: Per 100 pounds milk	Average returns: Per pound milkfat	Cash receipts from marketings	Milk utilized	Value		
	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	45,593	18	1,037	46,630	47,174
1971.....	814	5.85	1.60	47,615	17	994	48,609	49,140
1972.....	848	6.07	1.67	51,449	17	1,032	52,481	53,027
1973.....	841	7.17	1.95	60,294	16	1,147	61,441	62,092
1974.....	901	8.32	2.28	75,000	16	1,331	76,331	76,960
1975.....	902	8.69	2.37	78,344	9	782	79,126	79,861
1976.....	899	9.76	2.70	87,756	15	1,464	89,220	90,182

Butter and Cheese: Production, Utah, 1940, 1950, 1960, 1965, 1970-76.

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

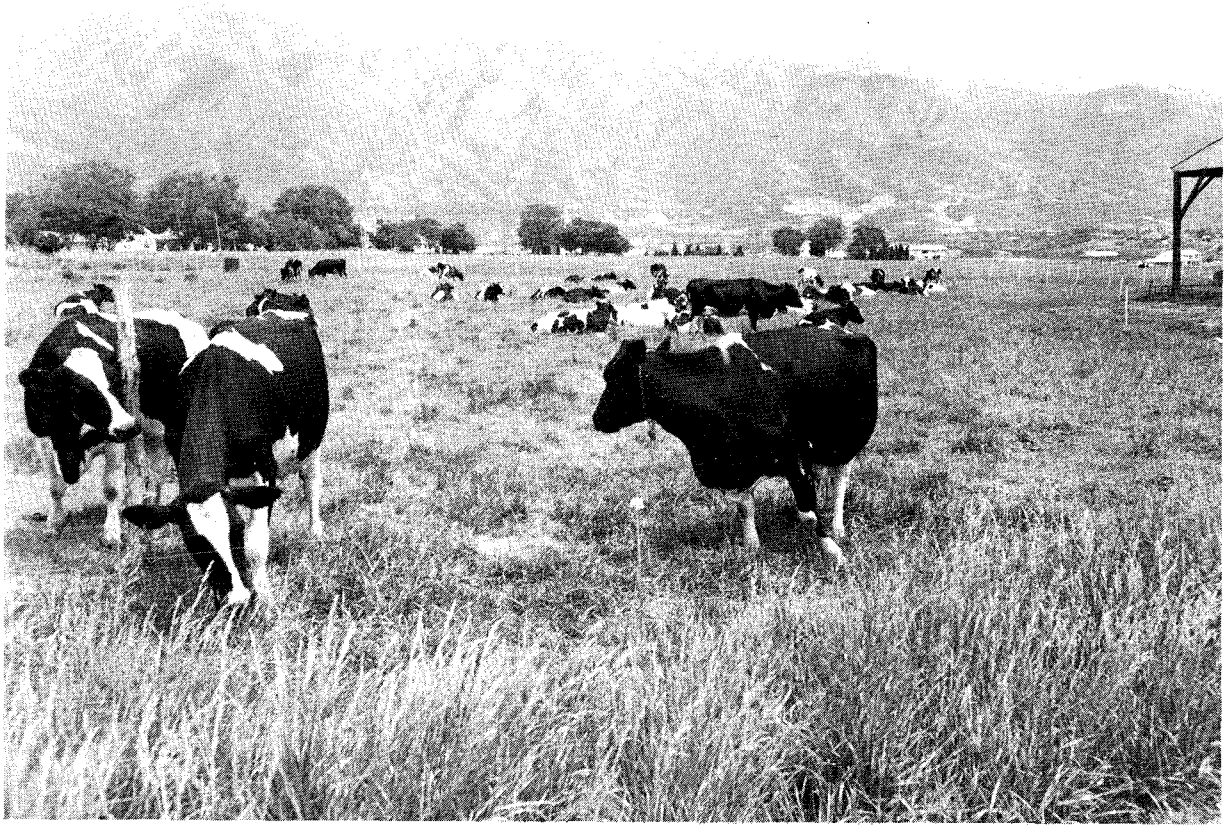
Cottage Cheese and Dry and Condensed Products: Production, Utah, 1940, 1950, 1960, 1965, 1970-76.

Year	Cottage Cheese		Dry Whey	Unsweetened Condensed Milk-Bulk	
	Curd	Creamed		Skim	Whole
	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		361	2,325
1965.....	4,817	8,032	4,426	2,192	3,592
1970.....	5,236	8,795	12,190	8,538	0
1971.....	5,700	9,376	14,602	6,188	0
1972.....	6,293	10,126	19,971	5,769	0
1973.....	6,440	1/10,673	22,629	1,172	0
1974.....	6,020	1/9,829	26,679	778	0
1975.....	5,617	1/8,560	20,552	0	0
1976.....	6,158	1/9,723	18,775	0	0

1/ Includes any low fat production.

Frozen Products: Production, Utah, 1940, 1950, 1960, 1965, 1970-76.

Year	Ice Cream All Hard	Ice Milk			Sherbet All Hard	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



Holstein Dairy Cows Grazing Prior to Milking

Chickens & Eggs

Thomas E. Krutz, Agricultural Statistician

Egg production in Utah has shifted from a general enterprise on most farms to a highly specialized enterprise on relatively few farms. According to the U. S. Census of Agriculture, there were only 1,262 Utah farms with hens and pullets of laying age about January 1, 1975 (10 percent of all farms) compared with 18,231 farms with chickens four months and older January 1, 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. Very few keep commercial flocks. On December 1, 1976, only 16 operations accounted for 86 percent of the State's laying flocks. 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 1976, were estimated at 1,387,000 hens and pullets of laying age, 433,000 pullets not yet layers, 1,000 male chickens, and 1,821,000 total chickens. Hens and pullets of laying age were up 8 percent and pullets not yet layers were down 3 percent from December 1, 1975. The all chicken population on December 1, 1976 was about half the January 1 peak count of 3,494,000 in 1944.

Chickens Raised: The number of chickens raised (excluding commercial broilers) during 1976 totaled 927,000 birds. 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 1976 there were 701,000 birds or 2.7 million pounds live weight sold. Price averaged 7.0 cents a pound for a return of $186,000--148 percent of 1975 but 89 percent of 1974.

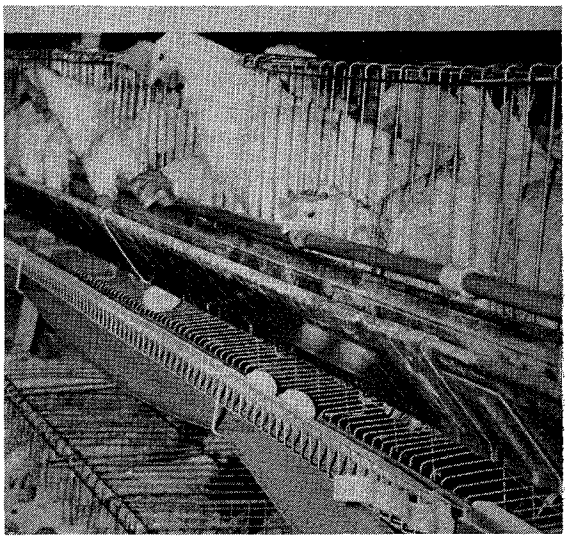
Egg Production: In 1976, Utah's laying flock averaged 1,310,000 birds. They produced 283 million eggs or an average of 216 per layer--a 59.0 percent rate of lay. Layers were down 5 percent and egg production was down 12 percent from 1975. Rate of lay dropped 7 percent. In the 1940's and early 1950's, Utah was a surplus egg producing State and eggs were shipped by the carload to West Coast markets and to some eastern and mid-west cities. In recent years Utah has become an egg importer. If Utah residents consumed as many eggs per capita as the National average, 1976 consumption would have been 340 million or 57 million more than was produced.

In 1976, Utah farmers sold 281.5 million eggs at an average price of 50.0 cents per dozen, 7.3 cents above 1975 and highest for many years. Cash receipts from egg sales totaled 11.7 million dollars in 1976 compared with 11.4 in 1975 and 12.0 million dollars in 1974. The record high of 16.6 million was in 1951.

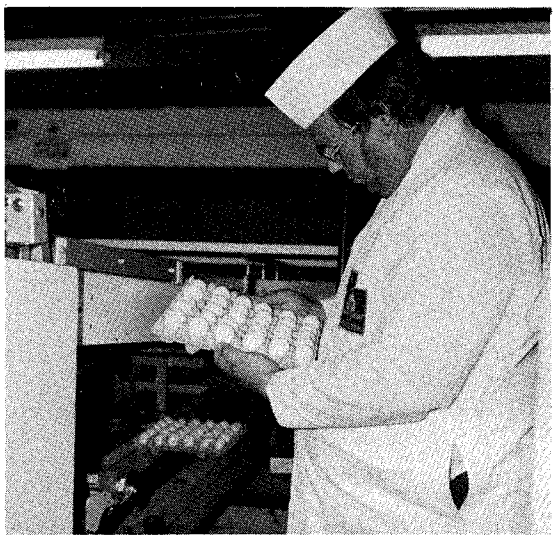
Chicks Hatched: In 1975, Utah Hatcheries hatched 750,000 chicks the smallest number for many years. Egg-type chick production accounted for most of these and was down 17 percent from a year earlier. Of the 647,000 egg-type chicks hatched in 1976, half were cockerels, most of which were destroyed. There have been no commercial broilers raised in Utah since 1970, so the 103,000 broiler chicks hatched were sold in small lots to farm and nonfarm families for home freezer supply.

Chicks Hatched: Utah, 1966-76.

Year	Chicks Hatched		Total
	Egg Type	Broiler Type	
	1,000	1,000	1,000
1966.....	1,768	2,557	4,325
1967.....	1,525	1,613	3,138
1968.....	1,610	1,401	3,011
1969.....	1,537	1,730	3,267
1970.....	2,134	963	3,097
1971.....	1,886	78	1,965
1972.....	2,051	108	2,159
1973.....	1,813	94	1,907
1974.....	1,316	175	1,491
1975.....	781	102	883
1976.....	647	103	750



Layers Maintained in Cages



Eggs Being Washed, Graded, and Inspected

Chicken Inventory 1/: Number and Value, Utah, January 1, 1940, 1944, 1950, 1960, 1965, 1970, December 1, 1969-76.

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

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, 1970-76.

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	2,485
1973....	1,702	180	1,075	16	710	1,871	895	3,353
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

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, 1970-76.

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....	3,562	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	139	151	4	155
1973....	2,769	64	12.0	402	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

1/ Excludes commercial broilers.

Chickens Including Broilers: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-76.

Year	Broilers				Total Chickens & Broilers		
	Number Produced	Pounds Produced	Price per Pound	Gross Income	Pounds Sold	Price per Pound	Value or 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

Egg Production: Layers and Eggs Produced, Utah, 1940, 1944, 1950, 1960, 1965, 1970-76.

Year	Average Number Layers	Eggs Produced	
		Per Layer	Total
	Thousands		Millions
1940.....	1,739	155	269
1944 1/.....	2,658	165	439
1950.....	2,310	184	425
1960.....	1,377	223	307
1965.....	1,070	225	241
1970.....	1,256	216	271
1971.....	1,289	223	287
1972.....	1,326	222	295
1973.....	1,346	227	306
1974.....	1,369	227	311
1975.....	1,381	232	321
1976.....	1,310	216	283

1/ Record high layers and eggs produced.

Eggs: Production, Disposition, and Income, Utah, 1940, 1950, 1960, 1965, 1970-76.

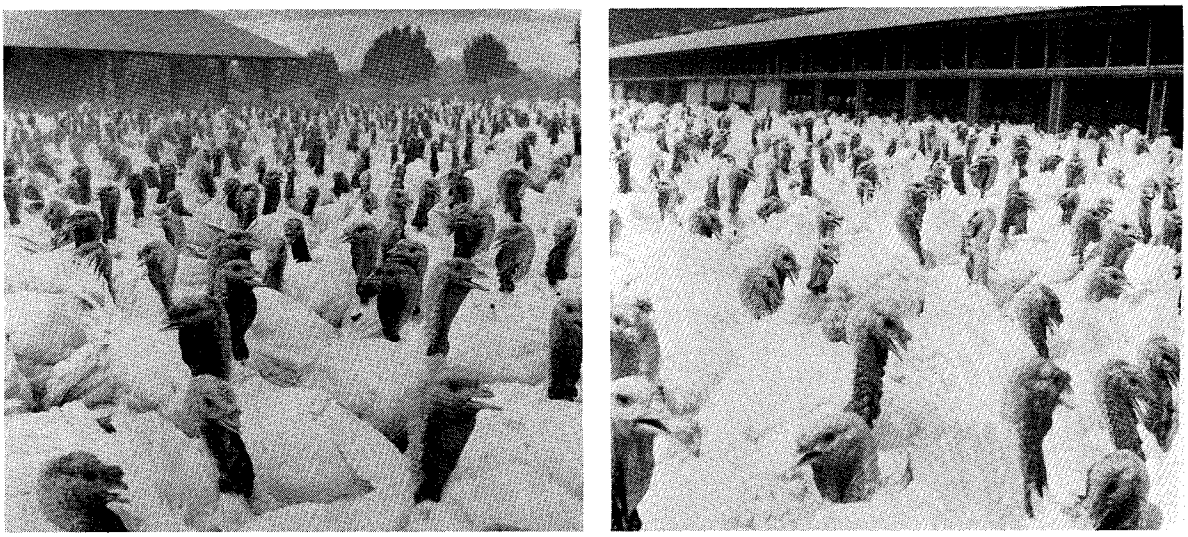
Year	Eggs Produced	Home Consumption	Eggs Sold	Price per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940.....	269	39	230	18.7	3,584	592	4,176
1950.....	425	32	393	39.5	12,936	1,053	13,989
1960.....	307	13	294	34.9	8,550	378	8,928
1965.....	241	8	233	33.1	6,427	221	6,648
1970.....	271	4	267	36.0	8,010	120	8,130
1971.....	287	3	284	23.9	5,656	60	5,716
1972.....	295	2	293	27.8	6,788	46	6,834
1973.....	306	2	304	48.9	12,388	82	12,470
1974.....	311	1	310	46.3	11,961	39	12,000
1975.....	321	1.5	319.5	42.7	11,369	53	11,422
1976.....	283	1.5	281.5	50.0	11,729	63	11,792

Turkeys

Jack B. Goodwin, Agricultural Statistician

Turkey production is a major agricultural industry in Utah. In 1976, turkeys ranked fourth in cash receipts in the State--exceeded by cattle, dairy and hay. Utah ranked 13th among the States in number of turkeys produced in 1976. The leading county in the State is Sanpete. In fact, this county is among the top ten in the United States in turkey production. 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. Production in 1977 is expected to be limited to Sanpete, Sevier, and Utah Counties. Turkey processing plants in Moroni and Salina are the only ones expected to operate in 1977. Nearly all turkeys raised in Utah are killed for market by Christmas each year.

There were 3,440,000 turkeys raised in Utah during 1976, down slightly from 1975, 15 percent from the record 1973 crop, and smallest since 1969. High feed costs and declining turkey prices caused growers to cut back 15 percent in 1974 and they held near that level in 1975 and 1976. Production totaled 76.0 million pounds liveweight in 1976, up 1 percent, with heavier weights more than offsetting smaller numbers. The liveweight price to the grower was estimated at 33.0 cents a pound for 1976 turkeys compared with 37.0 cents in 1975 and the record 43.0 cents in 1973. Even though the 1976 price was third highest in recent years, production costs were relatively high and many growers lost money. Gross income from sales totaled 25.1 million dollars in 1976 compared with 27.8 million in 1975 and the record high of 39.3 million in 1973. Utah hatcheries hatched 3,697,000 turkey poults in 1976--up 3 percent from 1975 but below other years since 1969. All poults hatched in Utah were placed on Utah farms. Poult placements are mostly completed by the end of July and the average raising time is six months. There were 37,000 breeder hens on Utah farms on December 1, 1976 compared with 40,000 a year earlier and 45,000 on December 1, 1974.



Utah ranks high among the states in turkey production.

Turkey Poult Hatcheries and Number Poults Hatched: Hatcheries, Utah, 1971-77; Poults Hatched, Utah, 1960, 1965-76.

Year	Poult Hatcheries		Turkey Poults Hatched
	January 1 Number	Turkey Egg Capacity	
		1,000	1,000
1960.....	--	--	2,164
1965.....	--	--	2,486
1966.....	--	--	3,010
1967.....	--	--	3,451
1968.....	--	--	3,046
1969.....	--	--	3,232
1970.....	--	--	4,193
1971.....	6	1,480	4,122
1972.....	5	1,280	4,181
1973.....	5	1,280	4,460
1974.....	--	--	3,759
1975.....	5	1,180	3,607
1976.....	5	1,178	3,697
1977.....	3	1/	

1/ Not published separately when 3 or less firms.

Turkeys: Production and Gross Income, Utah, 1940, 1950, 1960, 1965, 1970-76.

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

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

Mink

Mink pelt production in Utah increased 5 percent in 1976 compared with the previous year. This reversed the downward trend in progress since estimates started in 1969 with 1974 being the only other year to show an increase in pelt production. There were 16 percent more females bred to produce kits in 1977 than in 1976. This increase is in contrast to a drop of 10 percent in number of mink ranches from 1975 to 1976. Pelt production in 1976 totaled 323,000 compared with 308,000 in 1975 and 439,000 seven years earlier. There were 113,000 females bred to produce kits in 1977 compared with 97,700 in 1976 and 134,000 in 1970--the first year of record.

Utah ranks third Nationally in mink production--exceeded only by Wisconsin and Minnesota. Pelts produced in Utah are high quality and bring above average prices at the National auctions. Several color classes are produced in the State with "Standard" the most important.

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 concentration is in Morgan, Summit, and Salt Lake Counties. A few producers are scattered out of the main area--in the Uintah Basin and in central Utah.

Mink: Pelts produced 1969-76 and Females Bred 1970-77, 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	3,080	870
1976	168	323	97.7	--	--	866
1977	--	--	113	--	--	--

Mink: Pelts Produced in 1975 and 1976 and females bred for 1976 and 1977 in Utah.

Color Class	Mink Pelts Produced			Mink Females Bred to Produce Kits		
	1975	1976	1976 as % 1975	1976	1977	1977 as % 1976
Standard	127,000	141,000	111	54,900	64,000	117
Pastel	71,000	65,000	92	22,500	23,900	106
Pale Brown	760	610	80	1/	1/	--
Sapphire	10,400	9,700	93	3,700	4,900	132
Gunmetal	1/	1/	--	1/	1/	--
Platinum	1,900	640	34	1/	1/	--
Pearl	31,200	30,100	96	8,300	9,700	117
Lavender-Hope	1/	1/	--	1/	1/	--
Violet Type	24,900	22,500	90	7,700	10,000	130
White	270	180	67	120	70	58
Pink	1/	1/	--	1/	1/	--
Demi-Buff	38,600	49,700	129	2/	2/	--
Miscellaneous	500	1,600	320	--	--	--
Total	308,000	323,000	105	97,700	113,000	116
Number of Mink Ranches	186	168	90			

1/ Included in totals to avoid disclosing individual operations. 2/ Included in Standard.

Honey

Dennis G. Schmidt, Agricultural Statistician

There was increased interest in bees the last 3 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--and then increased to 47,000 by 1976. 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 1976 there were 1,363,000 pounds produced, a drop of 29 percent from 1975. Average production per colony dropped from 42 pounds in 1975 to 29 pounds in 1976 as dry weather and some June frosts cut the nectar flow sharply. Honey prices rose greatly from 1970 to 1974--from 18.1 cents a pound to 57.5 cents. The 1975 price was down slightly to 57.2 cents and the 1976 price moved on down to 50.2 cents as sugar prices dropped. Total value of 1976 honey was $684,000 and beeswax added another $19,000. The importance of bees in the pollination of fruit and seed crops adds greatly to their value.

In recent years beekeepers have been faced with several serious problems. First, increased us of pesticides by farmers, weed control crews, and others are either 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 spring weather, dry spring and summer weather, or unseasonal frosts in several years have 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, 1970-76.

Year	Colonies or 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

1/ Record high number of colonies of bees.

Farm Labor

Dennis G. Schmidt, Agricultural Statistician

Farm Workers: The annual average number of farm workers on Utah farms during 1976 (based on quarterly surveys) was 22,800 the same as in 1975 and 1,000 more than in 1974. Family workers--which include unpaid family members who work 15 hours or more plus farm operators who did any work during the weeks surveyed--averaged 16,000 in 1976, the same as in 1975. Hired workers who did any work during the survey weeks averaged 6,800 in 1976, also the same as in 1975. 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.

The number of workers on Utah farms has followed a long time downward trend similar to the rest of the United States. From 1966 to 1974 there was a reduction of 20 percent in the number of Utah farm workers. Some of the reasons behind the reduction were a decrease in the number of farms, mechanization of farm tasks, and a trend towards consolidation of small farms into larger more efficient units. Between 1966 and 1977 the number of farms fell 21 percent, from 16,000 to 12,600. Over the same period, average size of farms in the State went from 838 acres to 1,032--a 23 percent increase.

Wage Rates: The average wage rate of hired farm workers for all methods of pay was $2.38 per hour during 1976 compared with $2.36 in 1975 and $2.21 in 1974. Hourly workers "paid by the hour receiving cash wages only" averaged $2.35 per hour in 1976 against $2.34 in 1975--almost the same as the average for all methods of payment. Wages paid to hired workers in Utah increased about 70 percent 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.

Farmworkers Harvesting Green Beans for Processing

Farm Labor and Wage Rates, Utah by Quarters 1976, and Annual Averages 1975 and 1976.

	Annual Avg. 1975	Jan. 11-17 1976	Apr. 6-12 1976	Jul. 11-17 1976	Oct. 10-16 1976	Jan. 9-15 1977	Annual Avg. 1976
Workers on Farms (000)							
Total	22.8	17	22	29	21	17.2	22.8
Family 1/	16	12	16	19	15	14	16
Hired 2/	6.8	5.0	6.0	10	6.0	3.2	6.8
Hired Workers on Farms (000)							
Field and Livestock	--	3.8	4.0	8.0	4.1	2.6	--
Other	--	1.2	2.0	2.0	1.9	.6	--
Total	--	5.0	6.0	10.0	6.0	3.2	--
Hours Worked per Worker							
Farm Operator 1/	--	32.0	40.6	47.4	43.2	27.1	--
Other Unpaid Family Members 1/	--	27.7	26.5	40.0	36.4	27.7	--
All Family 1/	--	30.9	37.6	44.6	42.0	27.2	--
Hired Workers 2/	--	25.6	25.7	33.0	34.5	34.0	--
Farm Wage Rates - Dollars per Hour							
By Piece Rate	--	3/	3/	3/	3.00	3/	--
By Other than Piece Rate	--	2.50	2.38	2.20	2.54	2.72	--
By Hour Only	--	2.49	2.29	2.11	2.62	2.74	--
By Cash Wages Only	--	2.70	2.43	2.43	2.55	2.92	--
By Hour Receiving Cash Wages Only	2.34	2.45	2.29	2.26	2.58	2.79	2.35
All	2.36	2.50	2.38	2.21	2.55	2.71	2.38
Wage Rates by Type of Work							
Field and Livestock Workers	2.29	2.30	2.20	2.09	2.38	2.60	2.21
Packing House Workers	--	3/	3/	3/	3/	3/	--
Machine Operators	--	3/	2.32	2.31	2.90	3/	--
Maintenance and Bookkeeping Workers	--	3/	3/	3/	3/	3/	--
Supervisors	--	3.40	3.79	3.82	3.80	3/	--

1/ Includes operators working one or more hours plus unpaid family members working 15 or more hours during the last full calendar week ending at least one day before the end of the month. 2/ All persons working one hour or more for cash wages during the survey week. 3/ Insufficient data for this category.

Agricultural Prices

Dennis Schmidt, 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 or 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.

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
WHEAT (Dollars per Bushel)												
1950	1.75	1.76	1.79	1.79	1.80	1.80	1.85	1.83	1.82	1.84	1.81	1.81
1960	1.64	1.67	1.67	1.69	1.69	1.67	1.65	1.62	1.63	1.65	1.66	1.70
1965	1.37	1.38	1.38	1.39	1.38	1.40	1.39	1.38	1.35	1.36	1.36	1.38
1970	1.34	1.32	1.33	1.32	1.36	1.36	1.33	1.29	1.33	1.37	1.40	1.43
1971	1.45	1.48	1.48	1.47	1.48	1.51	1.44	1.34	1.32	1.36	1.40	1.40
1972	1.42	1.45	1.48	1.47	1.48	1.42	1.45	1.47	1.57	1.61	1.70	1.84
1973	1.84	1.84	2.19	2.17	2.22	2.39	2.51	3.67	3.87	3.87	4.05	4.28
1974	4.88	5.25	5.01	3.99	3.54	3.69	3.94	3.83	4.01	4.36	4.41	4.36
1975	4.03	3.78	3.47	3.43	3.33	3.23	3.44	3.58	3.72	3.57	3.41	3.33
1976	3.30	3.38	3.44	3.40	Monthly prices discontinued.							

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						BARLEY (Dollars per Bushel)						
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
1965	1.12	1.12	1.13	1.12	1.13	1.13	1.13	1.05	1.04	1.05	1.05	1.07
1970	1.10	1.10	1.09	1.04	1.03	1.05	1.01	.98	.99	1.04	1.07	1.12
1971	1.13	1.16	1.16	1.17	1.20	1.28	1.16	1.08	1.09	1.08	1.10	1.15
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	2.33	2.24	2.08	2.10
						DRY BEANS (Dollars per Cwt.)						
1950	6.50	6.50	6.70	6.70	6.50	6.30	6.50	6.60	6.30	6.30	6.30	6.50
1960	7.00	7.30	7.30	7.30	7.50	7.50	7.50	--	7.00	7.50	7.00	7.00
1965	9.00	9.10	9.30	9.30	9.20	9.20	15.00	14.00	7.00	9.00	9.00	8.60
1970	7.50	8.00	9.00	9.50	9.80	10.80	11.80	11.50	7.00	8.00	7.80	7.80
1971	7.30	8.00	8.00	7.80	8.20	8.20	9.00	9.00	9.00	10.00	10.00	10.00
1972	10.00	10.50	10.90	12.00	12.00	11.30	10.50	9.30	9.30	9.00	9.00	8.80
1973	8.10	7.90	8.00	8.00	8.80	11.00	11.00	--	12.00	20.00	24.00	26.00
1974	33.00	49.10	55.60	50.00	50.00	40.00	35.00	37.90	26.50	35.00	33.10	32.70
1975	29.00	27.60	27.80	25.80	28.90	25.60	30.00	--	23.50	24.30	20.50	18.20
1976	17.00	15.20	15.70	13.80	Monthly prices discontinued.							
						POTATOES (Dollars per Cwt.)						
1950	2.50	2.25	2.25	2.25	2.40	--	2.40	1.85	2.10	1.65	1.65	1.60
1960	2.75	2.70	3.25	3.55	3.65	--	--	2.10	2.30	2.55	2.65	2.25
1965	3.75	3.70	3.95	5.10	5.40	--	--	--	1.90	1.90	2.20	2.20
1970	2.60	2.80	2.90	3.00	3.20	--	--	2.40	2.30	2.60	2.60	2.40
1971	2.40	2.10	2.20	2.10	2.60	--	--	--	2.10	2.60	2.20	1.90
1972	2.00	2.00	1.90	1.80	1.80	--	--	2.60	2.90	2.70	2.40	2.50
1973	2.70	3.80	5.00	5.00	6.00	--	--	5.00	3.20	2.70	2.70	2.90
1974	2.90	3.60	4.20	5.00	5.00	--	--	3.70	3.70	3.65	3.55	3.75
1975	4.15	4.05	3.45	3.00	3.15	--	--	--	3.40	3.65	3.65	3.65
1976	3.65	3.65	3.85	4.00	Monthly prices discontinued.							

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
ALFALFA HAY, BALED (Dollars per Ton)												
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
1965	24.00	24.50	23.50	24.00	24.00	23.00	22.00	22.00	22.00	22.50	23.00	24.00
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
1971	27.00	28.50	28.50	29.50	29.00	28.50	28.00	28.00	28.00	28.00	30.50	33.50
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	53.50	54.50	55.00	56.50	53.50	53.00	53.00	54.50	53.50	54.00	56.00
ALL HAY, BALED (Dollars per Ton)												
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
1965	23.40	23.80	23.00	23.50	23.50	22.60	21.60	21.60	21.80	22.10	22.50	23.50
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
1971	26.30	27.90	27.90	28.70	28.20	27.70	27.30	27.30	27.50	27.40	29.70	32.40
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	51.00	53.00	55.00
ALFALFA SEED (Dollars per Cwt.)												
1950	39.3	40.8	41.7	43.3	46.7	41.7	41.7	43.3	46.8	45.2	45.9	51.4
1960	27.0	27.0	27.3	28.4	28.1	--	--	--	--	23.8	22.5	22.5
1965	28.0	29.0	30.0	30.0	30.0	--	--	38.0	--	32.5	33.5	35.0
1970	36.0	37.0	37.0	37.0	37.5	--	37.0	--	--	34.0	34.0	34.0
1971	33.0	33.0	33.0	33.0	--	--	35.0	--	32.0	33.0	32.0	32.0
1972	32.0	32.0	32.0	32.0	--	--	36.0	--	37.5	44.0	48.0	48.0
1973	50.0	50.0	53.0	55.0	--	--	--	90.0	90.0	100.0	105.0	110.0
1974	98.5	111.0	106.0	110.0	115.0	133.0	135.0	108.0	105.0	100.0	72.0	84.0
1975	74.0	66.0	54.0	50.0	50.0	61.0	--	--	66.0	62.0	61.0	61.0
1976	61.0	54.0	58.5	58.0	Monthly prices discontinued.							

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
COWS (Dollars per Cwt.)												
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
1965	10.90	12.00	13.10	12.80	13.60	13.50	13.50	14.10	13.80	13.30	11.80	12.80
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
1971	18.60	20.50	20.90	21.10	21.00	21.40	20.50	20.90	21.10	20.60	20.00	20.50
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
STEERS & HEIFERS (Dollars per Cwt.)												
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
1965	17.30	18.00	18.60	18.70	20.80	21.60	21.60	20.80	19.60	19.40	19.00	20.50
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
1971	27.20	30.80	29.50	30.50	30.00	29.50	29.00	29.50	30.00	30.30	31.30	33.00
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
BEEF CATTLE (Dollars per Cwt.)												
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
1965	14.20	15.40	16.30	16.40	17.90	19.10	18.30	18.00	17.20	16.90	16.80	17.60
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
1971	24.70	27.60	27.00	27.90	27.50	27.30	26.40	26.80	27.30	27.70	28.50	29.80
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

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						CALVES (Dollars per Cwt.)						
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
1965	17.90	19.30	20.50	20.60	22.00	23.50	23.20	22.40	21.10	21.80	22.30	22.20
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
1971	33.80	36.10	34.80	34.10	34.80	34.80	34.00	35.30	35.50	36.00	37.00	38.00
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
						SHEEP (Dollars per Cwt.)						
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
1965	6.30	6.30	6.30	6.30	4.30	4.40	5.60	6.00	5.60	6.20	5.50	6.50
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
1971	5.00	4.90	6.00	6.00	5.50	5.50	5.50	5.50	5.50	5.50	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
						LAMBS (Dollars per Cwt.)						
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
1965	21.20	21.90	21.70	22.80	25.30	25.60	24.60	23.00	23.00	22.30	22.30	24.80
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
1971	19.90	20.50	21.70	24.00	26.00	27.20	25.00	25.50	25.00	24.50	25.00	25.00
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

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
						HOGS (Dollars per Cwt.)						
1950	15.50	16.50	16.50	16.00	19.00	19.20	22.80	23.50	23.50	20.20	18.20	18.20
1960	13.20	13.60	15.50	16.00	16.50	16.80	17.50	17.50	16.00	17.20	17.40	17.00
1965	16.00	16.70	17.30	17.20	20.60	23.30	24.00	24.20	22.50	22.40	23.10	26.00
1970	25.90	26.40	25.90	23.60	23.30	22.30	23.80	21.90	20.00	17.20	15.70	15.60
1971	15.50	18.00	16.40	14.90	15.00	15.30	17.80	16.90	16.50	17.50	17.00	17.70
1972	19.90	22.60	21.20	20.60	22.30	23.20	25.60	26.30	26.70	26.50	26.00	28.00
1973	29.60	31.90	36.00	34.70	33.70	34.40	36.80	54.20	40.10	38.00	38.80	37.60
1974	38.00	38.20	35.70	30.20	27.20	23.20	34.30	34.90	32.40	34.90	33.40	36.70
1975	35.70	37.50	35.70	37.70	40.30	42.60	49.40	51.10	54.00	55.30	44.20	46.00
1976	46.00	45.40	48.20	45.60	45.80	46.00	Monthly estimates discontinued.					
						MILK COWS (Dollars per Head)						
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
1965	205	205	215	205	215	215	220	215	220	225	215	215
1970	320	320	330	330	330	330	325	315	310	320	340	320
1971	320	320	330	330	320	330	320	320	340	320	340	340
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
						TURKEYS (Cents per Pound)						
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
1965	20.0	20.0	--	--	22.0	23.0	22.0	21.0	20.0	21.0	21.0	22.0
1970	24.0	27.0	24.0	--	26.0	25.0	22.0	22.0	22.0	22.0	21.0	22.0
1971	21.0	21.0	21.0	21.0	21.0	22.0	23.0	22.0	22.0	22.0	22.0	23.0
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

Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76.

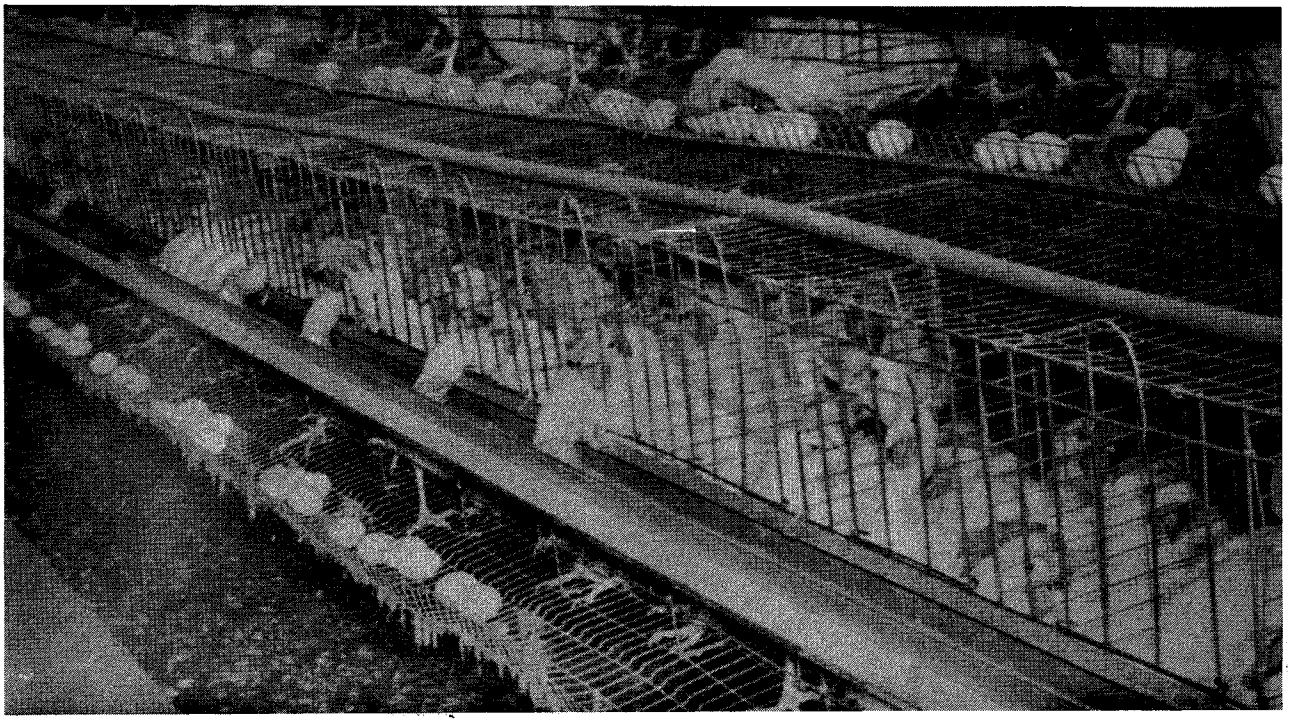
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
					MILK, ALL (Dollars per Cwt.) 1/							
1950	4.00	3.90	3.65	3.50	3.30	3.30	3.35	3.60	3.75	4.00	4.15	4.15
1960	4.25	4.15	4.05	3.95	3.85	3.80	3.80	3.95	4.20	4.25	4.35	4.40
1965	4.25	4.10	4.10	4.00	3.90	3.80	3.80	3.90	4.20	4.25	4.40	4.55
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
1971	5.80	5.70	5.65	5.60	5.50	5.45	5.40	5.40	5.70	5.80	5.90	5.95
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
					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
1965	4.55	4.40	4.40	4.30	4.15	4.05	4.05	4.15	4.50	4.55	4.75	4.90
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
1971	6.25	6.15	6.05	5.95	5.85	5.75	5.70	5.70	6.05	6.15	6.25	6.30
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
					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
1965	3.30	3.25	3.20	3.15	3.10	3.10	3.15	3.15	3.30	3.35	3.40	3.50
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
1971	4.75	4.75	4.75	4.75	4.80	4.75	4.70	4.70	4.85	4.95	5.05	5.10
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

1/ Average for the month.

Prices Received by Farmers, Utah, 1950, 1960, 1965, 1970-76.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
					EGGS (Cents per Dozen) 1/							
1950	35	34	35	35	34	35	40	41	41	43	51	56
1960	33	31	31	32	29	29	31	34	38	39	45	48
1965	33	29	28	29	28	29	31	33	36	39	40	43
1970	51	48	38	32	27	28	33	31	34	28	32	35
1971	31	27	26	23	22	22	20	22	21	20	20	31
1972	26	25	29	24	25	25	28	28	33	29	32	44
1973	49	45	45	44	41	42	47	65	59	52	53	58
1974	61	55	47	39	34	32	38	42	51	44	46	50
1975	48	47	46	36	38	34	35	41	47	44	48	51
1976	51	55	53	46	45	46	48	48	50	55	53	48
					WOOL (Cents per Pound) 1/							
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
1965	41	48	45	46	45	44	45	45	46	46	44	44
1970	40	35	36	36	34	37	36	33	35	32	29	26
1971	22	29	21	23	21	21	18	17	18	18	16	16
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

1/ 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 list included the following: persons who filled out Schedule F of the 1973 individual income tax return, persons listed with other Federal agencies as associated with agricultural operations, and those reporting large or unusual farm operations in the 1969 Census (such as institutional farms, farms on Indian reservations, etc.).

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 adressees estimated to have had both farm receipts and expenses of less than $2,000 in 1973. All other adressees 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–
"Farms" were defined in the 1974 preliminary county census releases exactly as in 1969. 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.

Tables following are compiled from preliminary county reports of the 1974 U.S. Census of Agriculture for UTAH.

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

County	All Farms	Land in Farms		Cropland		Irrigated Land
		Total	Average Per Farm	Total	Harvested	
	Number	Acres	Acres	Acres	Acres	Acres
Beaver.....	181	150,951	834	27,765	20,389	21,049
Box Elder....	1,150	1,526,271	1,327	294,913	190,224	89,227
Cache.....	1,383	283,435	205	158,087	120,033	67,204
Carbon.....	163	407,202	2,498	22,844	8,852	10,709
Daggett.....	23	36,200	1,574	8,129	6,354	6,220
Davis.....	680	121,060	178	33,109	22,704	22,634
Duchesne.....	547	361,058	660	102,090	44,169	79,407
Emery.....	389	214,031	550	48,905	21,906	35,693
Garfield.....	193	129,391	670	28,436	11,279	17,831
Grand.....	42	163,975	3,904	4,677	2,640	3,426
Iron.....	374	490,596	1,312	73,958	43,138	42,746
Juab.....	220	162,115	737	62,701	27,071	14,145
Kane.....	128	229,228	1,791	12,857	2,038	4,224
Millard.....	674	531,890	789	157,375	95,964	84,956
Morgan.....	219	239,172	1,092	18,099	11,774	7,561
Piute.....	113	45,628	404	15,822	7,778	9,294
Rich.....	171	546,195	3,194	62,798	49,979	46,222
Salt Lake....	731	268,293	367	64,726	37,066	28,075
San Juan.....	255	477,033	1,871	127,957	60,567	4,861
Sanpete.....	777	421,385	542	95,864	55,328	53,573
Sevier.....	438	218,320	498	42,358	28,897	34,180
Summit.....	355	343,002	966	31,603	19,407	19,019
Tooele.....	262	432,074	1,649	41,554	19,698	13,348
Uintah.....	364	1,304,754	3,584	64,541	27,109	43,976
Utah.....	1,725	460,770	267	137,261	87,743	70,713
Wasatch.....	271	236,930	874	19,959	12,644	14,340
Washington...	355	249,035	702	46,254	10,277	10,695
Wayne.....	126	103,425	821	12,958	9,138	11,054
Weber.....	821	208,277	254	39,912	28,180	30,030
State Total..	13,130	10,361,696	789	1,857,512	1,082,346	896,412

Source: U. S. Census of Agriculture.

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.....	1,886	101,843	236	13,417	285	15,269
Box Elder.....	101,577	2,447,669	342	20,206	15,449	778,852
Cache.....	29,084	833,204	601	39,006	25,544	976,550
Carbon.....	498	20,180	242	12,095	181	9,916
Daggett.....	0	0	60	2,200	30	240
Davis.....	2,310	122,391	191	10,623	2,032	88,639
Duchesne.....	1,258	51,128	534	31,166	2,258	91,759
Emery.....	895	32,087	1,026	58,696	691	37,840
Garfield.....	784	15,904	248	16,237	294	19,875
Grand.....	115	5,206	44	2,744	4	34
Iron.....	2,548	97,131	266	26,140	7,144	481,168
Juab.....	12,553	185,895	67	2,330	1,482	66,384
Kane.....	6	180	11	650	5	150
Millard.....	18,490	520,701	466	24,640	13,513	730,811
Morgan.....	966	23,441	236	16,473	1,422	88,146
Piute.....	58	2,300	103	6,117	323	18,858
Rich.....	3,687	50,212	333	9,250	2,542	117,035
Salt Lake.....	14,584	414,453	242	18,770	3,017	213,335
San Juan.....	39,827	566,316	660	10,510	598	9,962
Sanpete.....	4,455	104,410	901	41,527	7,116	324,531
Sevier.....	1,025	46,935	388	26,936	5,478	385,726
Summit.....	425	8,072	181	7,113	880	40,330
Tooele.....	5,706	116,498	107	4,360	1,188	44,183
Uintah.....	2,505	89,441	478	24,313	1,130	49,936
Utah.....	15,632	368,253	799	49,977	11,903	810,647
Wasatch.....	797	16,249	169	9,556	1,230	73,023
Washington.....	1,164	18,471	33	825	2,357	141,036
Wayne.....	49	2,232	180	9,576	1,560	98,335
Weber.....	2,318	115,073	183	9,673	2,165	124,524
State Total....	265,202	6,375,875	9,327	505,126	111,821	5,837,094

Source: U. S. Census of Agriculture.

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

County	All Farms				
	Corn			All Farms	
	For Grain or Seed		Silage, Fodder or Grazed	Potatoes	
	Acres	Bushels	Acres	Acres	Cwt.
Beaver.....	40	960	1,527	127	31,700
Box Elder.....	2,367	74,072	7,290	171	27,700
Cache.....	259	10,956	8,017	60	8,955
Carbon.....	20	480	691	6	773
Daggett.....	0	0	0	0	0
Davis.....	303	30,687	2,915	844	141,878
Duchesne.....	813	48,540	3,333	5	394
Emery.....	601	45,087	1,664	1/	84
Garfield.....	12	110	282	13	2,299
Grand.....	120	4,300	115	1	100
Iron.....	67	1,576	2,563	2,406	528,200
Juab.....	0	0	767	7	823
Kane.....	0	0	8	2	200
Millard.....	407	21,117	4,833	260	33,500
Morgan.....	0	0	205	15	2,200
Piute.....	0	0	648	0	0
Rich.....	0	0	23	0	0
Salt Lake.....	783	85,869	1,925	28	3,221
San Juan.....	9	637	300	7	438
Sanpete.....	126	7,505	3,227	109	2,614
Sevier.....	523	42,086	3,477	7	1,120
Summit.....	0	0	4	4	1,050
Tooele.....	20	480	158	9	228
Uintah.....	775	30,354	2,476	3	226
Utah.....	3,806	329,624	8,005	120	16,520
Wasatch.....	0	0	374	1/	28
Washington.....	40	960	30	110	17,400
Wayne.....	0	0	513	100	15,457
Weber.....	298	26,509	5,455	116	20,220
State Total....	11,389	761,909	60,825	4,530	857,328

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 and Grass Silage		Alfalfa Hay		Wild Hay	
	Acres	Tons	Acres	Tons	Acres	Tons
Beaver.....	16,561	57,261	14,913	53,921	90	255
Box Elder....	44,562	132,627	34,424	110,860	4,146	5,641
Cache.....	52,456	149,786	41,466	122,015	2,427	3,565
Carbon.....	6,587	15,783	4,646	11,317	0	0
Daggett.....	6,314	12,944	2,673	6,954	2,911	5,105
Davis.....	10,238	32,946	6,307	23,409	1,029	2,223
Duchesne.....	36,228	79,275	20,706	52,477	4,580	6,727
Emery.....	16,686	45,870	12,162	36,062	858	1,914
Garfield.....	9,550	23,434	6,274	17,337	270	520
Grand.....	2,129	6,201	1,807	5,423	95	258
Iron.....	27,712	95,668	24,982	89,466	0	0
Juab.....	10,472	28,092	7,298	21,852	892	906
Kane.....	1,955	3,211	1,347	2,356	9	4
Millard.....	46,132	157,998	41,692	147,169	626	1,566
Morgan.....	8,689	21,509	6,130	16,582	1,097	1,505
Piute.....	6,618	15,310	4,516	12,409	1,260	1,572
Rich.....	43,990	65,780	9,885	20,572	22,528	29,645
Salt Lake....	13,852	50,652	9,996	38,418	239	745
San Juan.....	4,212	9,517	2,238	6,233	20	25
Sanpete.....	38,481	104,448	27,346	80,962	5,503	11,583
Sevier.....	17,262	64,406	14,180	56,000	435	683
Summit.....	17,778	39,141	8,440	20,600	3,149	4,933
Tooele.....	12,109	30,807	8,190	23,138	1,224	2,021
Uintah.....	20,179	42,436	13,251	30,736	1,077	1,456
Utah.....	37,109	122,798	23,111	86,999	4,545	9,287
Wasatch.....	10,213	26,739	6,224	18,206	668	1,494
Washington...	5,446	19,239	3,796	14,083	67	98
Wayne.....	6,740	18,946	5,634	16,766	80	100
Weber.....	14,294	45,035	8,433	30,653	245	413
State Total..	544,554	1,517,859	372,067	1,172,975	60,070	94,244

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
			Beef Cows	Milk Cows		Total	For Milk Cow Replacements	
	Number	Number	Number	Number	Number	Number	Number	Number
Beaver.....	143	24,806	9,747	2,676	23,955	4,577	1,227	7,321
Box Elder....	638	87,005	33,878	8,358	85,535	19,851	5,619	24,095
Cache.....	916	56,756	8,685	16,314	52,165	14,983	10,666	13,758
Carbon.....	108	16,499	7,447	103	15,263	3,061	475	5,267
Daggett.....	17	4,065	2,614	10	3,975	593	0	784
Davis.....	353	23,715	7,249	2,364	21,822	4,593	1,565	8,383
Duchesne.....	457	47,104	21,819	3,259	45,018	10,034	1,418	10,872
Emery.....	320	28,662	13,914	1,113	26,322	5,715	751	6,723
Garfield.....	162	19,286	11,118	192	17,367	3,614	218	3,568
Grand.....	34	9,000	4,599	62	8,762	2,960	32	1,307
Iron.....	246	21,853	9,010	525	20,262	5,824	1,511	5,644
Juab.....	147	16,326	7,464	178	14,327	3,559	121	4,194
Kane.....	111	13,113	8,125	43	12,224	2,869	50	1,666
Millard.....	446	67,552	25,911	4,506	66,168	18,245	5,285	18,145
Morgan.....	139	8,824	3,037	1,177	8,033	2,064	487	2,077
Piute.....	77	9,714	4,419	1,140	9,565	2,001	531	2,074
Rich.....	137	41,374	24,589	117	41,159	9,883	32	6,627
Salt Lake....	345	17,294	4,755	3,858	15,143	4,290	2,098	3,295
San Juan.....	161	25,266	13,274	108	24,673	5,651	117	5,938
Sanpete.....	483	41,887	16,591	5,550	40,094	8,810	3,015	10,101
Sevier.....	269	36,505	11,072	1,702	35,573	8,439	1,185	14,843
Summit.....	240	20,238	8,341	3,443	19,330	4,239	1,743	3,739
Tooele.....	186	14,900	9,316	356	13,125	2,062	74	2,226
Uintah.....	288	44,448	21,336	1,081	34,009	8,990	452	8,348
Utah.....	906	57,995	18,412	7,497	51,082	13,071	4,512	14,983
Wasatch.....	171	11,091	3,514	2,526	10,286	2,459	1,257	2,087
Washington...	257	19,925	8,753	1,468	18,873	4,219	890	4,777
Wayne.....	97	12,748	5,975	638	12,275	2,786	343	3,101
Weber.....	472	33,413	6,748	5,928	30,196	10,254	3,380	8,599
State Total..	8,326	831,364	331,712	76,292	776,581	189,696	49,054	204,542

Source: U. S. Census of Agriculture.

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.....	10	3,526	738	2,614	3,161	36,730
Box Elder...	146	57,408	14,253	41,489	52,433	491,609
Cache.....	126	14,493	7,694	4,919	5,482	55,102
Carbon.....	51	18,437	4,550	13,222	14,471	149,258
Daggett.....	8	6,330	1,415	4,687	5,423	63,139
Davis.....	78	5,957	716	4,366	5,445	63,135
Duchesne....	150	27,344	6,497	18,361	22,618	245,665
Emery.....	117	12,009	5,174	5,505	8,557	83,884
Garfield....	54	6,561	1,323	4,500	6,258	64,395
Grand.....	3	38	10	24	*	*
Iron.....	127	54,438	17,626	32,243	34,290	348,032
Juab.....	26	6,692	766	5,679	5,788	57,005
Kane.....	28	5,583	705	4,595	5,288	48,313
Millard.....	61	15,714	2,188	12,815	15,816	157,667
Morgan.....	48	34,645	6,902	26,076	29,082	302,548
Piute.....	17	4,731	854	3,285	4,244	48,604
Rich.....	47	31,120	3,605	26,430	30,911	315,981
Salt Lake...	142	41,903	5,618	34,265	33,036	358,438
San Juan....	44	11,894	5,238	5,015	*	*
Sanpete.....	347	117,492	29,620	80,133	87,433	945,141
Sevier.....	101	32,314	13,259	17,574	19,082	201,288
Summit.....	126	53,428	16,931	33,659	36,854	400,049
Tooele.....	86	32,044	2,370	28,147	29,348	307,816
Uintah.....	123	23,435	4,336	17,219	23,543	231,764
Utah.....	261	69,678	16,287	64,345	55,326	509,362
Wasatch.....	70	41,154	6,960	32,474	31,569	318,908
Washington..	52	1,653	192	805	928	9,430
Wayne.....	51	14,029	5,904	7,409	7,944	85,197
Weber.....	85	13,381	7,436	4,267	59,116	377,099
State Total.	2,585	757,431	189,167	536,122	638,824	6,329,981

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 2 Months Old		Turkeys Sold	
	Farms Reporting	Hogs		Farms Reporting	Chickens	Farms Reporting	Turkeys
	Number	Number	Number	Number	Number	Number	Number
Beaver.....	22	344	759	9	215	0	0
Box Elder..	93	2,812	3,731	63	8,528	3	57,330
Cache.....	119	2,652	5,093	79	44,811	1	20
Carbon.....	38	605	731	27	3,647	0	0
Daggett....	2	16	7	4	128	0	0
Davis.....	49	910	967	76	3,120	3	358,361
Duchesne...	79	1,154	1,760	80	3,648	0	0
Emery.....	75	520	890	43	1,237	0	0
Garfield...	23	235	222	17	2,501	0	0
Grand.....	10	155	304	9	3,009	0	0
Iron.....	42	268	178	48	1,373	0	0
Juab.....	20	205	211	11	601	0	0
Kane.....	7	13	64	29	965	0	0
Millard....	106	2,025	3,294	87	19,826	0	0
Morgan.....	37	149	76	13	258	1	*
Piute.....	13	86	96	10	285	0	0
Rich.....	9	96	563	9	324	0	0
Salt Lake..	97	6,749	8,207	103	910,339	2	*
San Juan...	12	526	827	18	2,244	0	0
Sanpete....	106	2,865	3,111	86	57,355	87	1,511,781
Sevier.....	54	1,046	1,374	21	752	1	*
Summit.....	29	322	631	22	23,924	0	0
Tooele.....	54	2,736	5,244	56	8,111	0	0
Uintah.....	44	2,300	3,956	71	3,023	0	0
Utah.....	182	5,879	9,364	139	908,349	3	282,950
Wasatch....	16	93	282	29	62,764	0	0
Washington.	33	262	276	66	1,655	0	0
Wayne.....	29	338	435	10	376	0	0
Weber.....	65	1,514	2,028	81	29,971	2	*
State Total	1,465	36,875	54,681	1,316	2,103,339	103	3,249,773

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

Weather

E. Arlo Richardson, State Department of Agriculture Climatologist

The year 1976 began and ended with a moisture deficit in all areas of the State. February's moisture was above normal over the entire State, but the positive departures from normal were not sufficient to override the large January deficit except in the Dixie and North Central climate divisions. During the remainder of the year, the western and northern sections of the State continued to face increasing moisture deficits which culminated in one of the driest years of record. Conditions in the Northern Mountains were extremely severe. At no time during the year was there sufficient moisture accumulated to bring the departures above normal. The total accumulation for the year in the Northern Mountain division of the State was only .73 inches above the previous record low accumulation for the division which occurred in 1931. The only other year with less moisture was 1934 which recorded .49 inches less than 1976.

Individually, the Western division was the seventh driest year of record, Dixie the sixth driest, North Central the sixth driest, South Central the fourth driest, Northern Mountains the third driest, Uinta Basin the sixth driest and Southeastern the sixth driest. Perhaps the most significant statistic for 1976 was the overall State average accumulation of moisture which was only 7.68 inches. This was the lowest accumulation of moisture for the State as a whole that has been recorded since records began in 1892. The previous record was 8.10 in 1966. As was stated above, accumulations in previous years for different portions of the State had been less in every division, but when the weighted average for the State was accumulated for the year the intensity of the drouth showed up in stark reality.

Except for freezing temperatures over part of the State in mid-June, the temperature regime during the year was not too unusual. Averages for the year didn't depart too far from the usual normal. In general, February averaged two to five degrees above normal, March two to five degrees below, May and July one to three degrees above. August and October about the same number of degrees below normal. The end result was a close to normal year insofar as temperatures were concerned.

June, however, hit the State a very damaging blow to agriculture with a severe freeze about the middle of the month. Worst conditions were reported at higher elevations and some of the colder lower valleys with dryland grain and hay. This late freeze dropped some minimum temperatures to near record values for so late in the year. Scofield reported 15 degrees on the morning of the 14th of June with 20 degrees at Alta, and 21 degrees at Silver Lake Brighton. Many areas in the central portion of the State reported considerable damage to range grasses, winter and spring wheat and alfalfa. Trees in higher elevations lost all of their leaves and required several weeks to recover.

Total Precipitation (inches), Utah, 1976.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	.08	1.60	.29	.75	.79	.04	.46	.59	1.30	.24	T	.03	6.17
Bryce Canyon AP	.09	2.62	.85	1.82	1.90	.00	1.24	.32	1.53	.96	.43	T	11.76
Cedar City AP	.06	1.51	.43	.63	.02	.06	1.68	.42	.48	.91	.18	T	6.38
Corinne	.71	3.49	E1.69	2.38	.78	1.43	.26	1.71	.84	1.00	E.03	.02	E14.34
Delta	.22	.44	.48	.72	.46	.08	.56	.06	.33	.51	.27	.01	4.14
Duchesne	.04	.63	.14	1.00	1.39	.21	.58	.90	1.13	.13	T	.00	6.15
Elberta	.21	.59	.71	.62	.53	.19	.83	.17	.42	.23	.15	.12	4.77
Farmington	.57	3.27	.92	3.00	1.40	1.80	1.16	1.10	.32	1.89	.06	.09	15.58
Fillmore	.53	1.49	1.87	1.20	.51	.25	.66	.51	.34	.78	.32	.20	8.66
Fort Duchesne	.00	.21	.33	.92	.30	.29	.27	.32	.34	.02	.00	.00	3.00
Green River Avn	.00	.57	.39	.97	.72	.66	.44	.03	.49	.28	.00	.00	4.55
Hanksville FAA	.02	.70	.32	.17	1.13	.23	.33	.10	.71	.04	T	.00	3.75
Heber	.72	1.78	E1.00	E1.05	E1.00	.19	.31	.43	.49	.22	T	.04	E7.23
Kanab PH	T	2.69	.95	2.29	.30	.02	1.20	.16	1.35	.55	.02	.10	9.63
Levan	.42	.70	.74	.83	.24	.18	1.18	.28	.55	.66	.39	.17	6.34
Loa	T	E.32	.08	.40	1.65	.02	.72	.14	.61	E.17	T	T	E4.11
Logan USU	.98	3.08	2.71	3.17	.87	1.98	1.14	1.93	.61	.79	.04	.08	17.38
Manti	.36	.78	.84	1.20	.68	.25	1.14	.28	1.16	.52	.27	.10	7.58
Milford	.37	1.67	1.06	1.18	.34	.07	1.08	.15	.43	1.13	.48	.05	8.01
Moab 4 NW	.10	.84	.81	.47	1.16	.08	.54	.97	.82	.15	.20	.00	6.14
Modena	.16	2.37	.30	.94	.46	T	1.40	T	1.73	1.20	T	.00	8.56
Monticello	.47	3.36	.58	.75	1.09	.05	.93	1.78	1.28	.47	.01	.01	10.78
Morgan	1.13	3.62	1.74	2.62	.86	1.41	1.09	.88	.49	.80	.02	.01	14.67
Nephi	E.34	E1.15	1.00	.97	.72	.16	.69	.76	.27	.73	.38	.11	E7.28
Ogden Pioneer PH	.76	4. 6	2.11	3.26	1.10	2.17	1.25	.47	.42	2.39	.03	.07	18.99
Panquitch	.10	1.86	.28	.73	.90	.02	1.76	.38	.65	.88	.19	.00	7.75
Park Valley	.61	1.29	.46	2.08	1.70	.14	.15	1.00	.91	.82	T	T	9.16
Price Warehouse	T	1.16	.20	.91	.77	.13	.39	.30	1.62	.37	E.03	.00	E5.88
Richfield KSVC	.11	.43	.67	.50	.45	.10	.95	.00	.50	.47	.17	.01	4.36
Scofield	.85	1.38	.89	1.21	1.95	.83	.44	.49	2.02	.44	.14	.03	10.67
Silver Lk Brighton	3.39	4.68	E2.74	E.90	E.44	.05	.29	.96	1.67	E1.40	.48	E.10	E17.10
St. George PH	T	1.88	.09	.57	.15	.00	.68	T	.57	.95	.19	.00	5.08
SLC AP	.63	1.90	1.90	2.47	.99	1.24	1.55	.82	.16	.57	.03	.08	12.34
Tooele	.86	1.77	1.95	2.59	.76	.73	1.28	.85	.97	.55	.75	.19	13.25
Trenton	.56	2.72	1.50	3.02	1.36	1.80	1.01	1.09	1.03	.56	T	.04	14.69
Utah Lake Lehi	E.88	1.34	.46	.96	.61	.19	1.21	.16	.56	.24	E.60	.04	E7.25
Vernal AP	.03	.35	.77	1.87	.82	.21	.49	.21	.76	.00	.00	.00	5.51
Wendover AP	.07	.71	.23	.67	.72	.05	.34	1.15	.41	.21	E.12	E.07	E4.75
Woodruff	.04	.81	.28	.61	1.51	1.00	.46	.38	.28	.03	.03	T	5.43

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. E-amount is wholly or partially estimated.

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

Station	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Bryce Canyon AP	.81	.81	.96	.83	.73	.68	1.13	1.75	1.20	1.07	.77	1.05	11.79
Cedar City	.65	.76	1.12	1.05	.68	.54	. 6	1.22	.72	.89	.96	.78	10.33
Corinne	1.55	1.29	1.40	1.75	1.84	1.53	.39	.61	.87	1.06	1.61	1.72	15.62
Delta													
Duchesne	.50	.46	.58	.66	.82	1.01	.76	1.05	.81	.93	.49	.64	8.71
Elberta	.85	.84	.98	1.07	1.05	.94	.62	1.05	.61	.96	.87	1.09	10.93
Farmington	2.01	1.73	2.03	2.65	2.06	1.73	.40	1.09	.93	1.54	1.90	1.89	19.96
Fillmore	1.36	1.52	1.74	1.76	1.18	.93	.62	.99	.80	1.14	1.34	1.40	14.78
Fort Duchesne	.47	.36	.43	.61	.68	.86	.46	.72	.63	.89	.51	.61	7.23
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
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
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
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
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
Milford	.61	.70	1.04	.90	.61	.56	.51	.68	.61	.78	.67	.73	8.40
Moab 4 NW	.48	.55	.63	.85	.61	.56	.47	.89	.64	1.05	.62	.59	7.94
Modena	.69	.67	.82	.81	.56	.55	.94	1.34	.62	.96	.74	.78	9.48
Monticello	.93	.78	.96	.99	.91	.58	1.57	2.18	1.21	1.64	.84	1.22	13.81
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.08
Nephi	1.23	1.21	1.45	1.55	1.36	.89	.64	1.04	.85	1.14	1.17	1.40	13.93
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
Panquitch	.53	.56	.72	.73	.65	.69	1.49	1.56	.94	.81	.63	.59	9.90
Park Valley	.95	.77	.70	.78	1.16	1.28	.79	.99	.56	.61	.96	.92	10.47
Price Warehouse	.76	.67	.69	.62	.64	.79	.97	1.24	1.07	1.03	.53	.87	9.88
Richfield KSVC	.57	.65	.79	.79	.72	.61	.78	.72	.69	.66	.59	.59	8.16
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
St. George PH	.88	.83	.90	.52	.38	.19	.61	.64	.48	57	.69	.87	7.56
SLC AP	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
Vernal AP	.54	.42	.52	.73	.62	.96	.45	.76	.66	.90	.55	.71	7.82
Wendover AP	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	.32	4.88
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.26

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.

Accumulated Growing Degree Days Base 50, by Months, 1976

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	6	25	70	172	357	489	655	583	372	207	108	1	3045
Bryce Canyon	6	12	24	89	236	364	480	431	270	149	98	2	2161
Cedar City	41	67	103	208	452	534	722	641	493	287	175	49	3772
Corinne	0	4	35	164	408	467	670	589	482	250	--	--	3069
Delta	2	59	78	208	430	527	679	548	452	249	121	2	3355
Duchesne	0	3	28	138	309	442	657	568	372	178	54	0	2749
Elberta	0	35	--	214	448	515	707	606	467	250	97	6	3345
Farmington	0	23	60	182	417	468	695	615	423	225	98	2	3208
Fillmore	1	48	76	195	440	520	715	590	475	251	136	8	3455
Fort Duchesne	--	3	38	180	372	469	630	564	420	237	88	0	3001
Green River Avn	5	70	101	274	405	521	--	611	--	314	140	1	2442
Hanksville	19	96	151	316	500	567	740	609	516	349	178	1	4042
Heber	0	13	--	--	--	368	543	505	393	217	106	5	2150
Kanab PH	91	98	139	239	438	525	618	622	471	338	243	93	3915
Levan	0	24	63	177	383	476	667	568	443	234	113	2	3150
Loa	16	18	41	125	290	395	515	445	319	179	104	4	2451
Logan USU	0	4	9	97	330	410	683	556	434	183	92	1	2799
Manti	0	17	57	161	340	445	634	534	377	190	95	2	2852
Milford	4	52	71	197	409	481	637	574	451	237	126	11	3250
Moab 4 NW	2	98	167	—	525	628	830	777	--	--	181	4	3212
Modena	43	64	97	197	433	500	625	532	428	--	--	41	2960
Monticello	0	10	43	146	304	442	565	497	334	167	77	0	2585
Morgan	0	9	37	170	382	448	560	488	369	186	106	2	2757
Nephi	0	32	60	161	395	495	686	600	486	264	137	16	3332
Ogden Pioneer PH	0	19	55	168	410	494	751	690	512	222	111	2	3434
Panguitch	11	27	57	164	320	434	539	487	375	221	129	14	2778
Park Valley	0	0	17	65	285	350	621	469	373	179	74	0	2433
Price Warehouse	4	--	63	142	343	481	708	611	428	234	--	--	3014
Richfield	4	68	94	208	401	478	632	571	429	277	139	27	3328
Scofield	0	0	0	41	166	296	454	359	259	115	61	1	1752
Silver Lake Brighton	1	0	0	9	107	202	394	302	183	68	14	0	1280
St. George PH	134	192	263	368	636	709	864	765	693	442	262	102	5430
SLC AP	0	28	58	175	417	510	763	638	497	233	117	2	3438
Trenton	0	1	2	131	364	392	572	510	427	210	88	0	2697
Tooele	0	26	54	134	402	473	763	580	448	183	74	0	3137
Utah Lake Lehi	0	10	44	178	391	461	622	596	420	201	75	3	3001
Vernal AP	0	2	40	164	372	462	887	587	404	213	72	0	3203
Wendover AP	1	27	39	154	440	599	857	658	527	186	--	--	3488
Woodruff	0	0	5	71	265	294	505	432	330	159	63	0	2124

Normal Growing Degree Days Base 50, by months.

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

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

Mean Monthly Temperature (°F.), Utah, 1976.

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	28.6	37.7	37.7	47.4	58.0	65.3	73.2	68.8	61.5	48.7	39.9	30.7	49.8
Bryce Canyon AP	22.6	27.5	25.4M	37.8M	49.1M	54.0	62.3	58.2	52.2	40.2	33.4M	23.6	40.5M
Cedar City	33.7	39.2	38.9	48.9	62.2	67.9	77.1	72.6	66.1	52.3	43.8	35.0	53.1
Corinne	25.2	28.0	33.6	47.9	61.0	64.6	75.1	69.5	65.2	48.9	--	--	--
Delta	25.0	35.9	34.5	46.9	60.3	65.0	76.5	68.7	63.5	48.2	38.6	25.7	49.1
Duchesne	17.8M	26.6M	30.9	45.1	56.1	63.3	73.0	67.6	60.3	45.9	35.1	24.4M	45.5M
Elberta	24.1	34.8	36.2	47.9	60.6	66.7	77.5	71.2	64.4	48.8	39.0	27.0	49.9
Farmington	28.1	33.0	36.2	48.3	60.7	64.2	75.9	70.2	65.2	49.4	40.0	28.4	50.0
Fillmore	26.5M	35.7M	35.1M	47.5M	60.4M	67.0M	77.3M	69.6M	63.8M	48.1M	40.5M	30.2	50.1M
Fort Duchesne	13.7M	22.7M	31.5M	45.7M	57.9	62.7M	74.2M	69.4	60.9M	45.6M	33.5M	22.1M	45.0M
Green River Avn	24.3M	37.2	38.8M	50.5M	61.7	68.3M	M	74.0	M	50.0M	37.9M	25.9M	--
Hanksville FAA	26.1	39.4	40.0	53.3	64.6	71.5	81.5	76.8	67.3	50.8	38.4	25.5	52.9
Heber	21.3M	28.9	M	M	--	56.5M	66.6M	63.0	58.1	44.6	35.2	25.7	--
Kanab PH	37.3	42.1	42.5	49.6	61.7	67.0	74.3	71.4	65.5	55.0	47.3	38.1	54.3
Levan	22.3	33.7	34.0	46.2	57.8	64.1	75.0	68.4	62.8	48.5	39.8	28.7	48.4
Loa	25.8	32.1M	30.9	41.3M	53.0	57.9	66.6	60.7M	55.4	43.2	34.9	25.3	43.9M
Logan USU	23.3	24.2	28.1	45.1	58.4	62.2	73.9	67.8	63.0	48.9	40.1	29.2	47.0
Manti	23.3	33.9	34.7	45.6	56.9	62.4	71.8	66.4	60.6	46.8	38.4	28.6	47.5
Milford	26.2	34.4	32.3	44.7	58.1	63.5	74.7	68.6	62.9	47.4	37.6	26.6	48.1
Moab 4 NW	27.8	43.6	44.6	57.6	66.7	74.5	83.2	79.1	71.1	54.9	43.3	30.8	56.4
Modena	29.8M	35.8	35.1M	44.4	57.3	62.9	72.9	67.0	62.7	50.7M	38.8M	30.1M	49.0M
Monticello	23.3M	34.2	34.1	44.4	53.7	60.5	68.5	64.8	57.1	44.2	35.5M	27.0	45.6M
Morgan	24.2	28.0	32.1	45.5	57.1	60.5	68.1	62.9	58.0	44.8	36.5	26.7	45.4
Nephi	26.1	35.5	35.9	46.0	59.7	66.1	76.7	70.7	65.1M	50.0	41.3M	30.5	50.3M
Ogden Pioneer PH	28.9	32.8	35.3	48.9	62.5	65.9	77.4	71.6	67.2	51.2	41.9	31.4	51.3
Panquitch	25.0	33.5	32.0	41.8	53.0	57.7	66.3	61.2	57.1	43.9	35.8M	25.9	44.4M
Park Valley	25.4	28.7	30.9	41.6	54.3	59.3M	71.4M	63.6	59.3	46.4	37.4	27.2	45.5M
Price Warehouse	25.5	36.2	38.2M	46.8	58.1M	65.4M	76.0M	70.4	64.0	50.5	--	--	--
Richfield KSVC	26.8	37.8	35.3	46.8	58.0	62.7	72.6	67.7	62.0	47.7	38.1	29.6	48.8
Scofield	15.4	21.2	21.5	35.7	46.2	50.6	59.2	53.3	50.5	38.7	31.2	22.0	37.1
Silver Lk Brighton	19.3	25.3	22.0	32.8	43.6	48.6	59.0	55.5	49.3	38.1M	30.5	21.5	37.1M
St. George PH	41.4	48.6M	50.0	58.5	72.0	78.1M	84.9M	80.4	75.0M	61.5M	50.9M	39.0M	61.7M
SLC AP	27.9	34.1	38.1	49.3	62.2	67.6	78.7	72.3	66.4	51.0	41.8	29.4	51.6
Tooele	28.8	34.5	35.5	46.8	60.8	66.0	76.6	69.3	64.7	49.9	41.1	30.0	50.3
Trenton	21.1	21.0	25.2	44.6	57.0	59.4	68.3	63.9	58.9	44.7	35.1	24.4	43.6
Utah Lake Lehi	22.7	31.9M	35.7	47.3	59.1	64.2	73.7	68.7M	61.8M	47.0	36.9	26.7	48.0M
Vernal AP	15.2	24.8	33.1M	46.1	57.2	63.8M	73.1	67.9	60.3	45.2	34.4	24.4	45.5M
Wendover AP	28.5	33.2	37.8	49.2	63.9	70.2	81.2	72.9	67.8	51.0	M	--	--
Woodruff	18.6	18.4	24.7	38.7	50.2	53.5	63.1	58.4	52.5	38.9	29.0	20.4	38.9

Source: Utah State Climatologist, Department of Soil Science and BIOMET, Utah State University, UMC 48, Logan, Utah 84322. M-one or more days record missing; if average value is entered, less than 10 days record missing.

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

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
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
Bryce Canyon AP	19.8	23.2	28.7	37.7	46.2	54.1	61.6	59.9	52.9	42.8	30.7	22.4	40.0
Cedar City AP	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
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
Delta													
Duchesne	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
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	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
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
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
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
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
Kanab	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
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
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
Milford	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
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
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
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
Morgan	22.9	27.9	34.7	44.5	53.4	0.3	68.5	66.7	57.5	47.7	34.5	26.1	45.4
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
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
Panquitch	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
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
Price Warehouse													
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
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
St. George PH	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
SLC AP	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
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
Wendover AP	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
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

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

Frost Free Period, Utah, 1976 and Normal (1931-60)

Station	1976			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
Blanding	Apr 28	Oct 9	164	May 15	Oct 6	144
Bryce Canyon AP	Jun 25	Aug 7	43	Jun 27	Aug 26	61
Cedar City	Apr 28	Oct 18	173	May 17	Sep 30	136
Corinne	Apr 26	Oct 11	168	May 14	Sep 28	138
Delta	Jun 15	Oct 4	111	May 11	Sep 30	142
Duchesne	May 1	Oct 7	162	May 28	Sep 20	115
Elberta	Jun 14	Oct 4	112	May 14	Sep 30	140
Farmington	Jun 13	Oct 18	127	May 4	Oct 12	161
Fillmore	Jun 15	Oct 4	111	May 4	Oct 11	160
Fort Duchesne	Jun 14	Oct 4	112	May 26	Sep 16	114
Green River Avn	May 2	Oct 5	156	May 1	Oct 10	163
Hanksville FAA	Jun 14	Oct 8	116	Apr 22	Oct 20	182
Heber	Jun 23	Sep 28	97	Jun 11	Sep 3	84
Kanab	Apr 28	Oct 20	175	May 6	Oct 13	160
Levan	Jun 15	Oct 4	111	May 16	Oct 3	140
Loa	Jun 15	Sep 28	105	Jun 22	Aug 29	68
Logan USU	Apr 28	Oct 18	173	May 8	Oct 13	159
Manti	Jun 15	Oct 4	111	May 24	Sep 28	128
Milford	Jun 15	Oct 4	111	May 18	Sep 26	131
Moab 4 NW	Apr 27	Oct 19	175	Apr 21	Oct 21	183
Modena	Jun 15	Oct 4	111	May 21	Sep 28	130
Monticello	Jun 14	Sep 29	107	May 24	Oct 3	132
Morgan	Jun 15	Aug 27	73	Jun 5	Sep 8	96
Nephi	Jun 14	Oct 4	112	May 11	Oct 2	145
Ogden Pioneer PH	Apr 26	Oct 18	175	May 1	Oct 14	167
Panquitch	Jun 25	Aug 5	41	Jun 19	Sep 3	76
Park Valley	Jun 15	Sep 8	85	May 19	Sep 29	133
Price Warehouse	Jun 14	Oct 19	127	May 15	Oct 5	144
Richfield KSVC	Jun 15	Oct 4	111	May 28	Sep 18	113
Scofield	Jun 28	July 3	5	Jun 29	Aug 25	57
Silver Lk Brighton	Jun 26	Aug 28	63	Jul 5	Aug 27	53
St. George	Mar 27	Nov 23	241	Apr 1	Nov 10	224
SLC AP	Apr 10	Oct 18	191	May 3	Oct 11	161
Tooele	Apr 28	Oct 18	173	Apr 28	Oct 24	179
Trenton	Jun 14	Aug 27	74	May 31	Sep 12	104
Utah Lake Lehi	Jun 14	Oct 5	113	May 18	Sep 28	134
Vernal AP	Jun 14	Sep 29	107	May 28	Sep 15	110
Wendover	Apr 16	Oct 19	186	Apr 21	Oct 23	186
Woodruff	Jun 27	Aug 8	42	Jun 27	Aug 23	57

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

Enterprise Budgets

For Farm and Ranch Planning

Jay C. Andersen, Lynn H. Davis, and Stuart H. Richards,
Economics Department, Utah State University.

The budgets presented in this section are representative of enterprise information which can be used by farm managers and others to better plan and evaluate alternative crop combinations and rotations. Use of information of this type will assist in the selection of the most profitable organization of production enterprises.

Average receipts, costs, and net returns per acre, for alfalfa hay production on Class II Irrigated land, Utah, 1976 & 1970.

Item	Rate	Times	Labor	Power and Machinery	Materials and Service	Total	
						1976	1970
				-$/Acre-			
Receipts:							
Alfalfa	$4.25 ton @$54.50					231.65	
By Product	$.25 AUM $6/AUM					1.50	
Total Receipts						233.15	98.75
Variable Costs:							
Fertilizer 45 lbs Av. P.	@$138/ton				6.90	6.90	
Spreading	8 acre/hr	1	.38	1.62		2.00	
Spraying-Weevil	1 pt/acre	1	.38	1.87	4.20	6.45	
Ditching						1.00	
Irrigating	2 acre/hr	4	6.00			6.00	
Water, operating & Maintenance					6.00	6.00	
Swathing	3 acre/hr.@$5.50/acre	3	3.00	13.50		16.50	
Baling	$.25/bale $8.25/ton	3	4.00	27.25	3.75	35.00	
Hauling & Stacking	$.20/bale $6.60/ton		17.65	10.35		28.00	
Interest	9% var costs for 6 mo					4.85	
Total Variable Costs						112.70	63.60
Fixed Costs:							
Taxes	$84 assessed value @60 mills					5.04	
Other Costs:							
Establishment Cost for Stand of Alfalfa						8.00	
Prorated over 5 years						22.86	
Total Costs						148.60	77.25
Cost per ton						34.96	18.18
Net Return to Land & Management						84.55	21.50

The budgets have been prepared using some information that can be found in other tables in Utah Agricultural Statistics. Thus the budgets illustrate a use for the data as published. The budgets were prepared for class II irrigated land which represents the better land and water situations found in many Utah counties. If your farming area is best represented by some other land class, the budgets should be adjusted to fit your local conditions. Since prices fluctuate because of supply and demand conditions, adjustments may be necessary for price also.

Average Receipts, Costs and Net Returns per Acre, for Barley Production on Class II Irrigated Land. Utah, 1976 and 1970

Item	Rate	Times	Labor	Power and Machinery	Materials and Service	Totals 1976	Totals 1970
					$/Acre		
Receipts:							
Barley, 80 Bu.	$2.25/bu.					180.00	
Straw						9.00	
Total Receipts						189.00	84.00
Variable Costs:							
Plowing	1.5 acre/hr.	1	2.00	8.00		10.00	
Harrowing Spike Danish	5 acre/hr.	2	1.20	3.60		4.80	
Land Plane	3 acre/hr.	2	2.00	4.00		6.00	
Fertilizer:							
85# Av. N.	$135/ton				16.90	16.90	
30# Av. P.	$138/ton				4.60	4.60	
Spreading Fertilizer		1	.38	1.62		2.00	
Planting	3 acre/hr.	1	1.00	3.50		4.50	
Seed	100# @ $9.50/cwt.				9.50	9.50	
Irrigating	1 acre/hr $3.00/hr.	3	9.00			9.00	
Water, Operating and Maintenance					6.00	6.00	
Ditching		1	.25	.75		1.00	
Spraying	10 acre/hr.	1	.30	1.50	2.50	4.30	
Combining	Custom	1				15.00	
Binning Grain	.1/cwt.	1				3.85	
Interest	9%, var. costs, 6 mo.					4.40	
Total Variable Costs						101.85	59.75
Fixed Costs:							
Taxes	84.00 Assessed Value @ 60 mills					5.05	
Other Costs:						8.00	
Total Costs						114.90	73.40
Cost Per Bushel						1.44	.92
Net Return to Land and Management						74.10	10.60

Average Receipts, Costs, and Net Returns per Acre for Corn Silage Production on Class II Irrigated Land, Utah 1976 and 1970

Item	Rate	Times	Labor	Power and Machinery	Materials and Service	Totals 1976	Totals 1970
				$/Acre			
Receipts:							
18 ton Corn Silage-cured	@ $17.30/ton					311.40	160.00
Variable Costs:							
Plowing	1.5 acre/hr.	1	2.00	8.00		10.00	
Harrowing spike-Danish	5 acre/hr.	2	1.20	3.60		4.80	
Land Plane	3 acre/hr.	2	2.00	4.00		6.00	
Fertilizer							
130# Av. N.	$135/ton				25.80	25.80	
55# Av. P.	$138/ton				8.43	8.43	
Spreading	2 acre/hr.	1	.38	1.62		2.00	
Planting	3 acre/hr.	1	1.00	3.50		4.50	
Seed 20#	@ $.60/lb.				12.00	12.00	
Insecticide	7 lb/acre				7.50	7.50	
Spraying	8 acre/hr. 24D	1	.38	1.87	2.50	4.75	
Cultivating & Furrowing	3 acre/hr.	1	1.00	3.00		4.00	
Ditching		1	.25	.75		1.00	
Irrigating	1 acre/hr.	5	15.00			15.00	
Water, Operating & Maintenance					6.00	6.00	
Chopping-2 row outfit	$22/hr, 1 acre/hr. or 1.10/ton	1	3.00	19.00		22.00	
Hauling to Silo	1.50/ton 2 trucks @ $15/hr.	1	6.00	24.00		30.00	
Packing	2 tractors @ $10/hr. $1/ton	1	6.00	14.00		20.00	
Silo Cover	$.40/ton				8.00	8.00	
Interest	9% var. costs for 6 mo.					8.63	
Total Variable Costs						200.41	124.15
Fixed Costs:							
Taxes	$84 assessed value @60 mills					5.04	6.30
Other Costs:						8.00	7.35
Total Costs:						213.45	137.80
Cost per ton						11.86	
Net Return to Land and Management						97.95	22.20

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 24
Prospective Plantings	Annual	Jan. 23-Apr. 16
Annual Crop Summary	Annual	January 17
Fruit Report	Monthly, Jun-Jul	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 21
Stocks of Grains	Quarterly	25th of month--Jan., Apr., Jun., Oct.
Alfalfa Seed	Annual	October 22
Reports on Livestock, Dairy, Poultry, and Livestock Products:		
Dairy	Monthly	30th of following month
Poultry (egg Production, Chick and Poult Hatchings)	Monthly	19th of following month
Livestock Slaughter	Monthly	30th of following month
Jan. 1 Cattle Inventory and Calf Crop.	Annual	February 5
Sheep on Feed, January 1	Annual	January 17
Jan. 1 Sheep Inventory and Lamb Crop..	Annual	February 1
Lamb Crop	Annual	July 24
Wool Crop	Semi-Annually	July 24 & April 1
Dec. 1 Hog Inventory & Pig Crop	Annual	December 24
Dairy	Annual	May 5
Turkeys:		
Breeder Hen Intentions	Annual	September 19
Raised and Intentions	Annual	January 7
Raised	Annual	August 25
Honey and Bees	Annual	January 19
Mink	Annual	July 5
Price Reports:		
Agricultural Prices	Monthly	30th of month
Farm Income	Semi-Annually	March & September
Miscellaneous Reports:		
Farms and Farm Land	Annual	January 3

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

* * * * *

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.

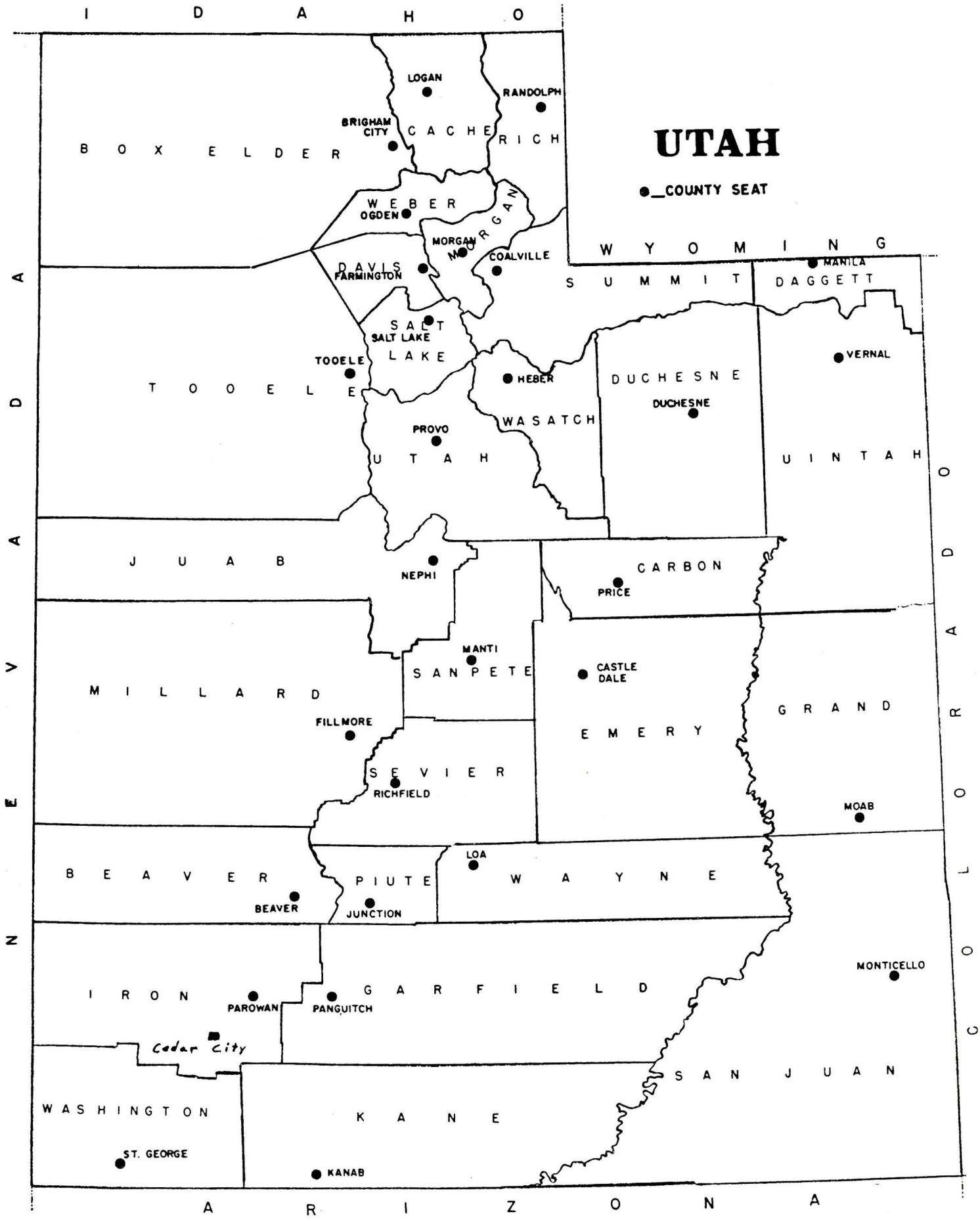
They are indispensable in times of war because food is as essential as ammunition and weapons of war.

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.

Approval No. 7700259

Appropriation No. 01-70-06


IDAHO
WYOMING
COLORADO
NEVADA
ARIZONA
UTAH
● COUNTY SEAT
LOGAN
RANDOLPH
BRIGHAM CITY
CACHE
RICH
BOX ELDER
WEBER
OGDEN
MORGAN
DAVIS
FARMINGTON
COALVILLE
SUMMIT
MANILA
DAGGETT
SALT LAKE
SALT LAKE
TOOELE
TOOELE
HEBER
DUCHESNE
DUCHESNE
VERNAL
WASATCH
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