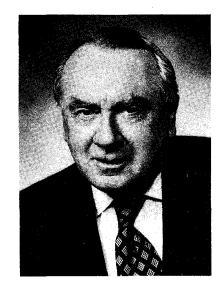






CALVIN L. RAMPTON

STATE OF UTAH OFFICE OF THE GOVERNOR SALT LAKE CITY



TO THE PEOPLE OF THE STATE OF UTAH

I appreciate the opportunity to present the 1975 Agricultural Statistics publication to the citizens of Utah and those interested in our agricultural economy. The purpose of this publication is to keep our citizens informed with factual information concerning our state's agribusiness and agricultural industries.

This volume prepared annually by the State Department of Agriculture and the U.S.D.A. Statistical Reporting Service is a vivid account of the dynamic industry that agriculture is to the State of Utah. Current data can help expand our markets as scientific advances permit better and improved ways of production.

I congratulate those responsible for the accumulation and publication of this basic information so essential to our state's economy.

Respectful] am Calvin L. Rampton

Governor



JOSEPH H. FRANCIS COMMISSIONER State of Utah Department of Agriculture Salt Lake City, Utah 84114



TO ALL WHO MAY BE INVOLVED OR INTERESTED IN UTAH'S AGRICULTURAL ECONOMY

The State Department of Agriculture is happy to present to the citizens of our state this 1975 volume of our Utah Agricultural Statistics report. The current facts and figures presented provide a wide range of accurate information covering various segments of our state's agricultural economy.

Rapid changes which are taking place in our agricultural methods makes the data in this publication more essential to those interested or directly involved in some phase of agricultural pursuit. We have included in this volume, information on both a state and county basis, which will help to provide us with various production trends that are taking place within certain regions throughout the state.

Information from the census and the Utah Crop and Livestock Reporting Service is designed to serve the needs of all those interested in agricultural statistics. The Utah Agricultural Statistical publication for 1975 is made possible under a cooperative program with the State Department of Agriculture and the U.S.D.A. Statistical Reporting Service.

As Commissioner of Agriculture, I congratulate the personnel in those agencies who are responsible for the publication of this report.

Respectfully,

Joseph H. Francis State Commissioner of Agriculture

UTAH AGRICULTURAL STATISTICS 1975

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

FEDERAL PARTICIPATION

U. S. DEPARTMENT OF AGRICULTURE - STATISTICAL REPORTING SERVICE

Harry C. Trelogan, Administrator Bruce M. Graham, Deputy Administrator James L. Olson, Assistant Administrator

UTAH CROP AND LIVESTOCK REPORTING SERVICE 4418 Federal Building Salt Lake City, Utah 84111

W. Grant Lee, Agricultural Statistician in Charge Jack B. Goodwin, Assistant Statistician in Charge Paul J. Stuart, Agricultural Statistician Ronald A. Sadler, Agricultural Statistician Betty J. Owens, Supervisory Statistical Assistant

STATE PARTICIPATION

UTAH STATE DEPARTMENT OF AGRICULTURE Room 412 State Capitol Building Salt Lake City, Utah 84114

Joseph H. Francis, Commissioner
David R. Waldron, Administrative Assistant
John W. Gillman, Director of Division of Marketing and Consumer Services
Ray J. Downs, Director of Division of Plant Industry
Ben W. Lindsay, Director of Agricultural Development
Val S. Vickers, Director of Administration Division
Kent Francis, Director of Laboratories

<u>I N T R O D U C T I O N</u>

Our Utah economy continues to depend heavily on agricultural production in the State. Products produced on Utah farms and ranches and processed by Utah agri-businesses are comparable or superior to like products produced anywhere in the world. Even though fewer people were on farms, the gross agricultural income to our State was over \$330 million for 1974.

Production figures compare with those on the National basis, which indicate that farmers and ranchers are producing 3.4 times more than they did 20 years ago. The output of a man in industry has increased only 1.8 times his production of 20 years ago. Agriculture has increased nearly twice as fast as industry. In 1953, one farm worker produced enough for himself and 16 other people. In 1974, a farm worker produced enough for himself and 55 other people. This means each farm worker is producing enough for himself and over three times what he did a few years ago. Farm production per farmer or rancher has never been matched in the history of the world.

The data collected in this publication are designed to show past years' production, as well as trends for most of our leading agricultural products. It is a pleasure to accumulate this information for your use. We trust that the data collected will answer many of your questions and will give you a greater understanding of Utah's agriculture.

Ben W. Lindsay

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



W. Grant Ler

W. GRANT LEE Agricultural Statistician in Charge Statistical Reporting Service, USDA



TABLE OF CONTENTS

GOVERNOR'S LETTER

COMMISSIONER'S LETTER

INTRODUCTION

POPULATION	7
NUMBER OF FARMS	8
LAND INVENTORY Cropland Land Ownership Use of Land Federal Lands	10 12 13 14 15
FARM INCOME Cash Receipts by Commodity Gross and Net Farm Income Farm Operating Expenses	16 18 19 19
FIELD AND SEED CROPS Acreage, Production, Disposition, and Value	20
Corn Wheat Barley Oats Dry Beans Potatoes Sugar Beets Sugar Beets Sugar Beet Seed Sugar Beets (County Estimates) Hay Crops Alfalfa Seed Grain Stocks Wheat Oats Barley Corn Sorghum Grain	24 25 26 26 27 28 29 30 30 30 31 32 33 34 35
FRUITS Production and Value Production by Varieties Apples Production, Disposition, and Value	36 37 38
Apples Peaches Pears Sweet Cherries Sour Cherries Apricots VEGETABLES Onions	38 39 39 40 40 41 42 43
Vegetables for Processing	43

CATTLE	44
Inventory	46
Calf Crop	46
Inventory by Classes	47
Disposition, Production, & Income.	48
Disposition, Production, & Income	
Commercial Slaughter	49
SHEEP AND WOOL	50
Inventory	52
Disposition, Production, & Income.	53
Lamb Crop	54
Wool Crop	54
Commercial Slaughter	
commercial Staughter	55
HOGS	56
Pig Crop	56
Inventory	57
Disposition, Production, & Income	58
Commercial Slaughter	59
Sommercial bradgater	
DAIRY	60
Milk Production, Monthly	61
Milk Production and Disposition	62
Milk Marketings and Value	63
Manufactured Dairy Products	64
handractured barry floducts	04
CHICKENS AND EGGS	66
Chicks Hatched	67
Chicken Inventory & Disposition	68
Chickens and Broilers,	
Production and Income	69
Egg Production	70
Eggs - Disposition and Income	70
Eggs - Disposition and income	/0
TURKEYS	71
Poults Hatched	72
Production and Income	72
Troduction and Income	12
MINK	73
HONEY	74
FARM LABOR	75
FARM LABOR	15
AGRICULTURAL PRICES	77
Grains 77,	78
Dry Beans	78
Potatoes	78
Hay	79
Alfalfa Seed	79
Livestock	82
Milk Cows	82
Turkeys	82
Milk	83
	84 84
Eggs	84 84
Wool	04

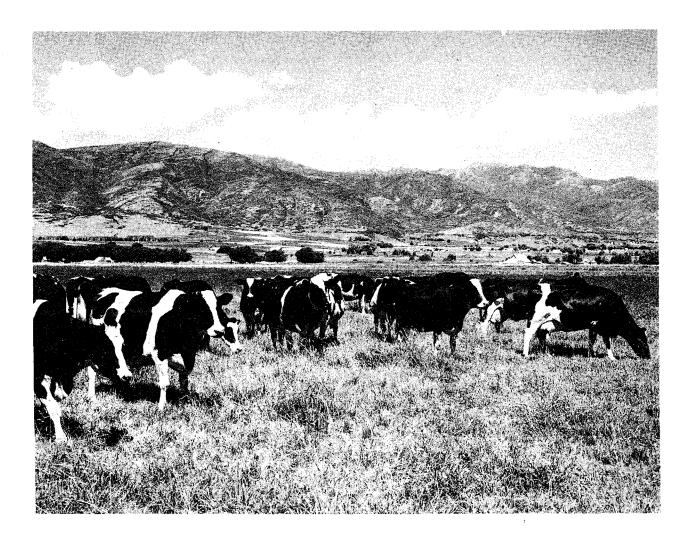
1969 CENSUS OF AGRICULTURE	85	Cattle & Calves Inventory	98
County Census Data		Sheep & Lambs Inventory	99
Farms and Farmland	86	Hogs & Pigs Inventory	100
Land Use	87	Poultry	101
Sales of Agricultural Products	88	Horses, Mink, and Honey	
Value of Farms and Expenses	89	Bees Inventory	102
Wheat Acreage and Production	90		
Feed Grains Acreage & Production	91	WEATHER	103
Hay & Alfalfa Seed		Precipitation 104,	105
Acreage and Production	92	Growing Degree Days 106,	107
Potatoes, Sugar Beets, and Dry		Temperatures 108,	109
Beans Acreage & Production	93	Frost Free Period	110
Orchards, Number & Acres	94		
Trees and Production		HORSES	111
Apples and Peaches	95	Horse Numbers by Counties	113
Pears and Apricots	96	Usage of Horses by Counties	113
Cherries, Tart and Sweet	97		
		FERTIITZER & FEED	114

PHOTOGRAPHS

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

닅

المتقدر المعاط



Population

Population of Counties, Utah

	U. S. Census - April 1, 1970									
County	Total	Urba	in		Rural	Est. 2/				
	10ta1	Total Urban <u>1</u> /	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	30,100			
Cache	42,331	25,675	60.7	16,656	10,897	5,759	47,500			
Carbon	15,647	6,218	39.7	9,429	3,578	5,851	17,700			
Daggett	666			666	5,570	666	700			
Daggett	000			000		000	700			
Davis	99,028	85,115	86.0	13,913	6,950	6,963	112,500			
Duchesne	7,299			7,299	3,099	4,200	11,600			
Emery	5,137			5,137	969	4,168	6,200			
Garfield	3,157			3,157	1,318	1,839	3,300			
Grand	6,688	4,793	71.7	1,895	64	1,831	6,700			
Iron	12,177	8,946	73.5	3,231	1,423	1,808	14,600			
Juab	4,574	2,699	59.0	1,875		1,875	5,200			
Kane	2,421			2,421	1,381	1,040	3,300			
Millard	6,988			6,988	3,021	3,967	7,900			
Morgan	3,983			3,983	1,586	2,397	4,600			
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	495,000			
San Juan	9,606	450,201		9,606	3,681	5,925	10,400			
Sanpete	10,976			10,976	6,519	4,457	12,400			
Sevier	10,103	4,471	44.3	5,632	1,494	4,138	12,700			
Summit	5,879	4,471	44.5	5,879	1,193	4,686	6,500			
Tooele	21,545	15,470	71.8	6,075	2,357	3,718	23,000			
Uintah	12,684	3,908	30.8	8,776	1,248	7,528	16,000			
			30.8		5,344	11,878	160,000			
Utah	137,776	120,554	0/.5	17,222	2,344	11,078	100,000			
Wasatch	5,863	3,245	55.3	2,618		2,618	6,500			
Washington	13,669	7,097	51.9	6,572	1,408	5,164	16,500			
Wayne	1,483			1,483		1,483	1,600			
Weber	126,278	110,279	87.3	15,999	3,571	12,428	134,500			
State Total	1,059,273	851,472	80.4	207,801	66,090	141,711	1,174,000			

1/ Urban population includes persons living in areas or places of 2,500 inhabitants or more. 2/ 1975 Edition - Statistical Review of Government in Utah, Utah Foundation.

Farm Population	vs. 1	Cotal	Population,	Utah,	1920-1970	Censuses

		Farm Po	pulation
Year	Total 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.

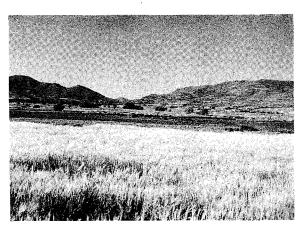
Number of Farms

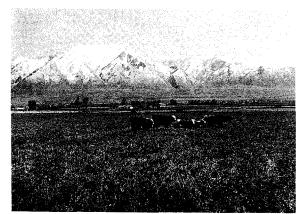
W. Grant Lee, Agricultural Statistician in Charge

The number of farms in Utah in 1975 is estimated at 12,600, the same as 1974 and 1973. Farm numbers declined almost every year from the record high of 30,800 reached in 1936 until they leveled off the last two 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 effeciency 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.

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 1975. The average size farm in 1973, 1974, and 1975 is at a record high level of 1,032 acres-one-fourth larger than 10 years earlier. 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.









		UTAH	UNITED STATES			
Year	Farms	Land in	Farms	Farms	Land i	n Farms
	rarms	Average	Total	Faims	Average	Total
			1,000			1,000,000
	Number	Acres	Acres	1,000	Acres	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 <u>2</u> /	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	2,819	385	1,086

Number of Farms and Land in Farms, Selected Years 1850-1975 1/.

 $\frac{1}{1850-1931}$ from Census of Agriculture. 1940-1975 SRS estimates. 2/ Record high number of farms in Utah.

Number of	Farms	and	Land	in	Farms,	Ъy	States,	1973-75.

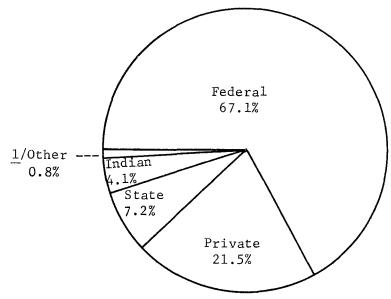
State		Farms			Land in Fa	rms
State	1973	1974	1975 1/	1973	1974	1975 <u>1</u> /
				1,000	1,000	1,000
	Number	Number	Number	Acres	Acres	Acres
Utah	12,600	12,600	12,600	13,000	13,000	13,000
Idaho	27,600	27,200	27,000	15,500	15,500	15,600
Mont	25,100	24,600	24,000	62,700	62,500	62,400
Wyo	8,200	8,200	8,100	35,500	35,500	35,500
Colo	29,500	29,500	29,500	39,900	39,900	39,900
N. Mex.	11,800	11,800	11,800	47,200	47,200	47,200
Ariz	6,000	5,900	5,800	39,000	38,400	38,000
Nev	2,000	2,000	2,000	9,000	9,000	9,000
Calif	63,000	63,000	63,000	36,200	36,100	36,000
Oreg	33,000	32,500	32,500	19,700	19,600	19,500
Wash	40,500	40,000	40,000	16,600	16,500	16,500
U.S2	,843,890	2,830,490	2,818,580	1,089,530	1,087,788	1,086,375
1/ Prelim:	inary.					

Land Inventory

W. Grant Lee, Agricultural Statistician in Charge

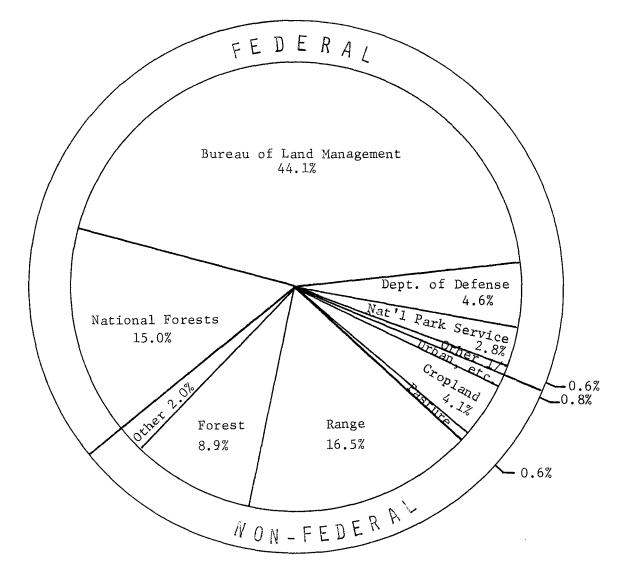
Most of Utah's land area is used for agricultural purposes, however, the great majority is suitable only for grazing livestock. According to the Utah Conservation Needs Inventory Report, Soil Conservation Service, U. S. Department of Agriculture, October 1970, only 4.1 percent of the land area in Utah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

11

County	Irrigated	Crop Non-	Total	Percentage of Total	Total Land
	· · · · · · · · · · · · · · · · · · ·	irrigated		Land Area	Area
	Acres	Acres	Acres	Percent	Acres
Beaver	39,441	668	40,109	2.4	1,653,760
Box Elder		261,224	381,866	10.6	3,601,280
Cache		87,243	190,711	25.4	751,360
Carbon	16,617		16,617	1.8	946,530
Daggett			10,985	2.5	438,680
Davis		3,515	39,987	21.0	190,080
Duchesne	74,963	46	75,009	3.6	2,083,900
Emery			46,295	1.6	2,844,580
Garfield		1,863	33,732	1.0	3,318,400
Grand	5,934	165	6,099	0.3	2,366,080
Iron	•	21,990	81,136	3.8	2,112,000
Juab	-	68,371	92,215	4.2	2,183,680
	23,044	00,571	72,215	4.2	2,103,000
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		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	•	20,917	39,776	0.9	4,430,720
Uintah		3,760	87,195	3.0	2,862,080
Utah	. 103,757	33,474	137,231	10.6	1,288,960
Wasatch			26,959	3.5	762,240
Washington		16,318	38,069	2.5	1,553,280
Wayne	. 21,815		21,815	1.4	1,591,040
Weber		959	48,353	13.0	371,840
	• • • • • • • • •			13.0	571,040
State	. 1,348,627	806,559	2,155,186	4.1	52,721,550

11

2

12

ŝ

ä

÷

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

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 <u>2</u> /	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.

 $\frac{2}{3}$ 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.

÷

ć

1.11

ł

01.31

j,

10000

Ż

1

a a

3

And a second

Married Street

						Cross	Total
County	Cropland	Pasture	Range	Forest	Other	Total	A11
		L					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
	16 617		166 969	277 100	20 102		0/6 520
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		•		230,551	•	600,095	
	92,215	7,508	252,695	230,331	17,126	000,095	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
	1/6 016	(0 501	1 0(0 007	/(0.010		1 0 00 / 00	(001 000
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
	,	* • • • • • •		1,707	-3,023	5729572	-,223,200
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

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

 $\frac{1}{2}$ Water areas of more than 40 acres and rivers wider than one-eighth mile are excluded. $\frac{2}{2}$ 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.

County	Total	National	Bureau of Land	Department of	Bureau of Sportfishery	National Park	Bureau of Reclama-
	Federal	Forest	Management	Defense	and Wildlife	Service	tion $\frac{2}{}$
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
eaver	1,266,443	138,349	1,128,094	÷			
Box Elder		95,650	1,252,795	207,000	65,926		12,329
Cache		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		210,108	2,110,325				4,785
Garfield	2,953,729	1,036,581	1,632,634			284,331	183
Grand		57,527	1,454,301	507,797	~-	34,010	
Iron		238,148	968 , 187			8,868	
Juab	1,569,966	109,057	1,442,917		17,992		
Kane		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		190,397	166,789				
Rich	219,695	53,874	165,821				
Salt Lake	110,335	89,399	8,006	12,877			53
San Juan		450,432	1,955,319			579,060	819
Sanpete		387,599	144,390				
Sevier	939,842	711,162	228,680				
Summit		507,479	5,573				3,882
Tooele		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		466,019	91,831	13,405	22	250	775
Wasatch		380,545	6,644				62,840
Washington	1,171,516	392,696	598,018			122,874	57,928
Wayne	1,338.875	161,589	1,124,026			44,943	8,31
Weber		60,634	600	3,516			5,35
State Total	35,397,274	7,906,033	23,268,250	2,407,509	91,388	1,497,385	226,709

Federal Land Acreage in Utah, 1967 1/.

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

£

÷.

j

j.

ġ

ź

1

۳.,

ka shin

W. Grant Lee, Agricultural Statistician in Charge

Cash receipts by Utah farmers for agricultural products sold in 1974 totaled 330.3 million dollars. This was down 2.0 million from the 1973 record but was 32 percent above 1972. Livestock and livestock products cash receipts dropped 9 percent while crops increased 32 percent. As a result, livestock and livestock products accounted for only 71.8 percent of the total compared with 78.7 percent in 1973 and 82.0 in 1972. Crop prices were generally strong during 1974 while livestock and livestock products were weak with cattle and calf prices sharply below 1973 levels.

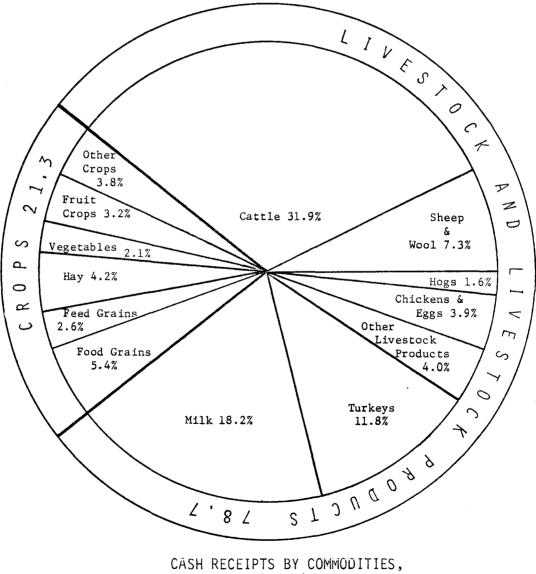
Gross farm income for 1974 is not available but in 1973 it totaled 365.4 million dollars and was up 27 percent. Production expenses were up 19 percent which was less percentagewise than increases in the gross income. Net farm income at 115.7 million dollars rose 50 percent.

Realized gross income per farm in Utah averaged \$29,003 in 1973, an increase of \$6,887 from 1972. This was nearly three times the 1960 average. Realized net income per farm after deducting production expenses from gross income was \$9,181 in 1973, an increase of \$3,252 from a year earlier. This was 4.8 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.

Receipts from individual items in 1974 are not yet available. For 1973, commodities or groups of commodities in order of their relative importance and the percent of total cash receipts each accounted for were as follows: cattle and calves, 31.9 percent; milk, 18.2 percent; turkeys, 11.8 percent; small grains (wheat, oats, and barley), 7.4 percent; sheep and wool, 7.3 percent; hay, 4.2 percent; chickens and eggs, 3.9 percent; fruits, 3.2 percent; and sugar beets, 1.9 percent. All other crops and livestock accounted for 10.2 percent.

The relative importance of cash receipts from sales of livestock and livestock products increased in the past 20 years. Cattle showed a substantial increase during that period until the sharp drop in 1973. In 1950, receipts from the sales of cattle and calves were 25.4 percent of the total cash receipts from all agricultural commodities. By 1960, this had risen to 30.2 percent. It rose to 37.9 percent in 1972, past one-third of the all commodity total, but dropped to 31.9 in 1973. Milk sales have also made substantial gains in importance--rising from 14.2 percent of the total cash receipts in 1950 to 17.8 percent in 1960 and 20.5 in 1972 but declined to 18.2 in 1973. Third ranking turkeys had been fluctuating between 7.3 and 9.0 percent of the total cash receipts for the past 10 years but increased to 11.8 percent in 1973. Small grains rose to fourth place with 7.4 percent and edged out sheep and wool. The sheep industry dropped to fifth place in cash receipts. It declined from 13.4 percent of the total in 1950 to 9.7 in 1960 and 7.3 percent in 1973. These five classes accounted for 76.6 percent of the total cash receipts from Utah agriculture in 1973.

Among the crops, hay was second to small grains with 4.2 percent. The relative importance of hay in the State's total cash receipts more than doubled from 1950 to 1973--from 1.9 percent to 4.2 percent. Fruit is maintaining its importance and with a good crop in 1973, it accounted for 3.2 percent of the total cash receipts compared with 2.0 in 1960 and 1.3 in 1950. In contrast, vegetables (including potatoes and dry beans) accounted for 2.1 percent of the all commodity total in 1973 against 4.1 in 1960 and 5.7 in 1950. Sugar beets were down from 4.0 percent of the total in 1950 to 1.9 percent in 1973. Alfalfa seed dropped from 2.9 percent in 1950 to 0.5 in 1973.



UTAH, 1973

Commodity	1950	1960	1971	<u>1</u> /19	972	<u>1</u> /1	973
	1,000 Dollars	1,000 Dollars	1,000 Dollars	1,000 Dollars	Percent	1,000 Dollars	Percent
All Commodities	152,542	161,989	230,067	251,010	100	332,314	100
Livestock Products	113,303	127,250	183,646	205,890	82	261,568	78.7
Meat Animals	56,108	62,968	98,467	114,804	45.7	129,823	39
Cattle Calves	38,794	48,989	82,154	95,152	37.9	106,221	31.9
Sheep Lambs	13,535	11,402	14,004	16,105	6.4	18,300	5.5
Hogs	3,779	2,577	2,309	3,547	1.4	5,302	1.6
Dairy Products	21,717	28,843	47,615	51,449	20.5	60,294	18.2
Milk Wholesale	19,004	28,083	43,787	46,932	18.7	56,108	16.9
Milk Retail	2,080	540	3,786	4,493	1.7	4,186	1.2
Milkfat	601	220	42	24			
Poultry and Eggs	26,747	24,429	27,872	28,524	11.4	55,274	16.6
Turkeys	9,984	13,733	19,791	19,142	7.6	39,290	11.8
Eggs	12,936	8,638	5,577	7,054	2.8	12,836	3.8
Chickens Farm	2,876	305	122	160		332	.1
Misc. Livestock	8,731	11,010	9,692	11,113	4.4	16,177	4.9
Wool	6,844	4,351			.9	6,053	1.8
		-	1,650	2,397			
Honey	270	272	312	543	.2	570	.1
Beeswax	21	15	15	18		11	
Other Livestock <u>2</u> /	2,579	8,125	10,097	10,323	4.1	12,359	3.7
Crops	39,239	34,739	46,421	45,120	18.0	70,746	21.3
Food Grains	10,571	6,422	7,811	8,495	3.4	18,005	5.4
Wheat	10,537	6,418	7,794	8,483	3.3	17,987	5.4
		0.401					
Feed Crops	5,864	8,634	14,312	15,583	6.2	22,627	6.8
Нау	2,886	6,202	10,159	10,945	4.4	14,193	4.2
Barley	2,551	2,087	3,007	3,646	1.5	6,370	1.9
Corn	46	135	987	871	.3	1,944	.6
Oats	381	210	159	121		120	.1
Vegetables	8,661	6,654	5,605	6,850	2.7	6,984	2.1
Potatoes	3,031	3,371	1,633	1,861	.7	3,083	.9
Dry Beans	168	105	518	537	.2	1,023	.3
Onions	373	434	742		.8	846	
Misc. Vegetables				1,916			.2
Misc. Vegetables	5,089	2,744	2,712	2,536	1.0	2,032	.6
Fruits, Nuts	2,019	3,309	5,887	1,161	.5	10,565	3.2
Cherries	239	829	2,152	131		4,787	1.4
Apples	667	512	1,816	529	•2	3,061	.9
Peaches	373	559	826	186	.1	1,474	.4
Pears	112	497	358	34		611	.2
Apricots	43	260	430			303	.1
Other Fruits, Nuts	585	652	305	281	.1	329	.1
All Other Crops	12,124	9,720	12,806	13,031	5.2	12,565	3.8
Sugar Beets	6,046	6,164	7,501	-	3.0		
—			•	7,542		6,343	1.9
Greenhouse Nursery	1,382	1,600	3,300	3,420	1.4	3,830	1.2
Alfalfa Seed	4,428	1,722	1,488	1,531	.6	1,663	.5
Forest Products Other Crops 3/	3 299	30 208	80 454	90 460	.1	90 657	.1
					.1		.1

Cash Receipts by Commodities, Utah, 1950, 1960, 1971-73.

1/ Preliminary--Source: Farm Income, FIS224 Supplement, September 1974, Econ. Res. Sv., USDA. 2/ All livestock and livestock products not listed separately. 3/ All crops not listed separately.

ä 101

ŝ

â

1.12

Item	1940	$\frac{1}{1950}$	<u>1</u> /1960	<u>1</u> /1970	<u>1/1972</u>	1/1973	2/1974
	Mil. _\$	Mil. \$	Mil. _\$	Mil. \$	Mil. \$	Mil. \$	Mi1. \$
Cotal for State							
ash Receipts:							
Crops	12.6			45.9	45.1	70.7	93.1
Livestock and Livestock Products	34.0			176.7	205.9	261.6	237.2
Crops and Livestock	46.6	152.5	162.8	222.1	251.0	332.3	330.3
Government Payments	2.8	2.4	6.6	11.1	13.9	8.0	
Total	49.4	154.9	169.4	233.2	264.9	340.3	
Ionmoney Farm Income		13.4	13.4	16.7	19.8	21.7	
ther Farm Income		0.2	1.6	2.3	2.8	3.4	
Realized Gross Farm Income 3/		168.6	184.5	252.3	287.5	365.4	
		100.0	• ·	100.0	010 (0/0 0	
Carm Production Expenses		108.9	147.7	199.3	210.4	249.8	
Realized Net Farm Income <u>4</u> /		59.6	36.7	53.0	77.1	115.7	
et change in farm inventories		+4.4	-5.8	+1.9	-6.7	+7.2	
Cotal Net Farm Income 5/		64.0	30.9	54.9	70.4	122.9	
verage Per Farm	<u>Dol.</u>	Dol.	Dol.	Dol.	Dol.	Dol.	<u>Dol.</u>
ealized Gross Income per Farm		6,534	9,708	18,280	22,116	29,003	
calized Net Income per Farm		2,312	1,932	3,838	5,929	9,181	
Cotal Net Income per Farm		2,312	1,625	3,980	5,415	9,754	

Cash Receipts, Gross and Net Income from Farming, Utah, 1940, 1950, 1960, 1970, 1972-74.

<u>1</u>/ Source: Farm Income State Estimates 1949-73 FIS224 Supplement, September, 1974. <u>2</u>/ Source: Farm Income Situation FIS225, Econ. Res. Service, USDA, February 1975. <u>3</u>/ Cash receipts plus nonmoney farm income and other farm income. <u>4</u>/ Realized gross farm income less farm production expenses. <u>5</u>/ Realized net farm income plus net change in farm inventories.

Item	1950	1960	1970	<u>1</u> /1972	<u>1</u> /1973
I	Mil. \$	Mil.	Mil. \$\$	Mil.	Mil. \$
Feed	25.9	32.1	42.9	45.2	66.5
Livestock	12.2	11.6	14.6	14.5	15.9
Seed	2.7	2.2	2.6	2.3	3.7
Fertilizer & Lime	1.7	1.9	4.1	5.2	6.1
Repairs and Operation of Capital Items	15.8	21.4	25.2	24.1	26.5
liscellaneous	11.5	16.4	27.1	40.6	44.8
lired Labor	14.7	15.0	15.1	16.9	18.6
Fotal Current Farm Operating Expenses	84.5	100.7	131.6	148.8	182.1
Depreciation & Other Consumption of Farm Capital	13.3	20.9	33.7	34.8	37.9
Taxes of Farm Property	5.7	8.0	10.4	9.8	10.2
Interest on Farm Mortgage Debt	2.1	5.2	8.0	9.2	10.5
Net Rent to Nonfarm Landlords	2.9	4.9	5.5	7.9	9.0
Total Production Expenses (Preliminary)	108.6	139.8	189.2	210.4	249.8
Cotal Production Expenses (Revised 9/74)	108.9	147.7	199.3		

Farm Operating Expenses, Utah, 1950, 1960, 1970-73.

1/ Source: Farm Income Situation, FIS 224 Supplement, Economic Research Service, USDA, September 1974.

Field & Seed Crops

Jack B. Goodwin, Agricultural Statistician

<u>Summary</u>: Total crop production in Utah during 1974 was 118.1 percent of the 1957 - 59 average, 6 percent more than 1973 and 21 percent more than 1972. Most of the increase over 1973 was in wheat with increases in corn, hay, potatoes, alfalfa seed, onions, and peaches also contributing to the overall increase. Production of field crops increased 9 percent from 1973 to 1974, fresh vegetables (onions) increased 61 percent, and processing vegetables were up 6 percent, while fruit production was down 26 percent.

Weather during 1974 was very dry in Utah. The State Climatologist's records show precipitation from February through September was substantially below normal in all districts. The eight months' total varied from a low of 25 percent of average in the Uintah Basin to a high of 62 percent in the north central and northern mountain districts. Nonirrigated crop yields were reduced by the dry weather, particularly in central and southern Utah and the Uintah Basin. Growth of feed on ranges was short to very short in most of the State. Even on high mountain ranges in northern Utah, grazing feed was less luxuriant than usual. Fortunately, the season started with large supplies of water in irrigation reservoirs and crops on most irrigated land yielded well. However, some irrigated lands which rely on natural streamflow ran out of water and irrigated crop yields in parts of central, southern, and east central Utah were reduced.

On the other hand, the dry summer was favorable for harvesting operations and an excellent quality hay crop was produced. Fruits, vegetables, and grain crops were harvested with little or no weather damage during harvest. Later than usual killing frosts in the fall allowed harvest of late growth hay as well as late vegetables. Sugar beet harvest was completed with less weather problems than in recent years and more fall plowing was completed than usual.

Corn: The acreage of corn harvested for all purposes was a record high 94,000 acres in 1974. This was 6 percent above 1973 and more than double the 40,000 acres in 1965.

Production of corn silage in Utah was a record high 1,326,000 tons in 1974. This was 2 percent more than the quantity produced in 1973 and 13 percent more than that produced in 1972. Yield was 17.0 tons per acre on 78,000 acres compared with 17.5 tons per acre on 74,000 acres in 1973. Corn silage acreage has been increasing in recent years and has gone from 49,000 acres harvested in 1970 to 78,000 acres in 1974. The value of corn silage production in Utah in 1973 amounted to 22.8 million dollars. The only crops produced in the State with higher values in 1974 were hay and winter There has been a considerable expansion in production of corn for wheat. grain in the past few years in connection with a promotion program and installation of corn dryers at several locations. Corn for grain production totaled a record high 1,680,000 bushels in 1974 -- 17 percent above 1973. Yield at 120.0 bushels per acre from 14,000 acres compared with 110.0 bushels per acre from 13,000 acres in 1973. Nearly all corn in Utah is

grown on irrigated land and is grown wherever the season permits, but the heaviest concentrations are from Utah County north.

Wheat: Production of all wheat in 1974 amounted to 8,814,000 bushels, the largest since 1953 and 39 percent above 1973. Winter wheat output totaled 6,318,000 bushels, 27 percent above 1973 and the largest since 1967. Yield averaged 26.0 bushels, up 2.0 bushels from 1973. Yields were reduced by spring and summer drought in some areas. There were 243,000 acres harvested compared with 207,000 acres harvested in 1973. 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 increasing as a result of improved varieties and cultural practices. Spring wheat production, at 2,496,000 bushels, was nearly double a year earlier as some winter wheat was replanted to spring wheat and spring wheat plantings were increased on other land because of high wheat prices. There were 52,000 acres harvested for grain in 1974 -- 11 percent above 1973 and over 3 times 1972. This was a sharp reversal of the downward trend for many years. 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 7,205,000 bushels in 1974--6 percent below 1973 and the smallest since 1964. Yield, at 55.0 bushels, was 2.0 bushels below 1973. Area harvested for grain in 1974 amounted to 131,000 acres, 4,000 acres less than 1973. 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 636,000 bushels in 1974, was 16 percent less than in 1973 and the smallest since 1883. Yield per acre, at 53.0 bushels, was 1.0 bushel below 1973. The acreage harvested for oats dropped to 12,000 from 14,000 in 1973 and was the smallest of The record high acreage of oats was attained in 1910 when 82,000 record. acres were harvested for grain. While oats are primarily grown for a 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: Dry weather reduced dry bean yields and the 1974 harvest amounted to 46,000 cwt., 32 percent below 1973 and the smallest since 1964. Average yield, at 330 pounds per acre, was 120 pounds less than 1973. There were 14,000 acres planted and harvested in 1974 compared with 15,000 in 1973. 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 in 1974.

Growers harvested 6,300 acres of potatoes in 1974, up 1,300 Potatoes: from 1973 and 2,000 from 1972 which was the smallest acreage this century. Yield per acre at 235 cwt. was up 15 cwt. from 1973 and equal to the 1972 record. Production in 1974 of 1,481,000 cwt. was up 35 percent and the The largest potato acreage in Utah was recorded in largest since 1959. 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 increases in 1973 and 1974. That area and the Enterprise-Beryl area, located in Iron and Washington Counties of southwestern Utah, are the major producing areas in the State. There was some increase in north central Utah in recent years for late summer and early fall market but other producing areas have been steadily reducing their acreage. All the State's potato production is on irrigated land.

.

a

1000

÷

1000

j

576

Production of sugar beets in 1974 amounted to 296,000 tons, Sugar Beets: 8 percent below a year earlier, smallest since 1952, and third smallest since 1905. Yield averaged 17.4 tons per acre from 17,000 acres compared with 17.5 tons per acre from 18,400 acres in 1972. The 17,000 acres harvested was the smallest since the late 1890's and compares with the record high of 113,000 in 1920. Planting and early season growth was slowed by cool temperatures. Late summer and fall weather was dry and beets did not make the late growth they have in some recent wet years. With favorable harvest weather, harvest was completed rapidly. 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 with most of the remaining 1974 acreage along the Wasatch Front.

Hay production in 1974 totaled 1,695,000 tons, 2 percent more Hay Crops: than in 1973 and a record high. Hay (all classes) is the major crop grown in Utah. The 578,000 acres harvested in 1974 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 Alfalfa hay with a record yield of 3.30 tons per acre farming sections. accounted for most of the total hay with 1,518,000 tons, also a record. Ample irrigation water and a favorable, long growing season in north central Utah more than offset some reduction of yields in parts of central, east central, and southwest Utah because of water shortages. Other hay production was reduced by dry weather and short irrigation supplies and, at 177,000 tons, was down 16 percent. Harvest weather was favorable and quality was good.

<u>Alfalfa Seed</u>: Growers harvested 16,000 acres of alfalfa for seed in 1974, 60 percent above 1973 and the largest since 1969. High prices encouraged the acreage increase. Yield averaged 300 pounds of clean seed per acre-up 70 pounds from 1973. Production totaled 4,800,000 pounds, more than double 1973 and the largest since 1967. Currently, production is pretty well limited to the area around Delta in Millard County and a small acreage in northern Utah. The few growers remaining are using improved cultural practices and average yields are above the levels prior to 1971. The record high acreage of alfalfa seed was harvested in 1925 when seed was taken from 71,000 acres. Sugar Beet Seed: Production of sugar beet seed in Utah totaled 11,006 cwt. in 1974. This was down slightly from 1973 but a little above average for the previous four years. Yield per acre was 2,772 pounds in 1974 compared with 2,429 pounds per acre in 1973. Essentially, all the 1974 production was in Washington County in southwestern Utah.



	Planted		Harveste	d	
Year	Total			For Grain	For Forage <u>1</u> /
	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres	1,000 Acres
.940	29	27	10	10	7
950	31	30	21	5	4
960	49	47	41	3	3
1965	41	40	34	3	3
1970	63	62	49	10	3
1971	75	73	56	15	2
L972	80	79	69	8	2
L973	90	89	74	13	2
L974 2/	95	94	78	14	2

Corn: Acreage Planted and Acreage Harvested by Use, Utah, 1940, 1950, 1960, 1965, 1970-74.

ż

1

1.1.1.1

<u>ئ</u>ر

No.

100 C

0000

1

1110

4

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, 1970-74.

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dollars Per Ton	1,000 <u>Dollars</u>
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 <u>1</u> /	78	17.0	1,326	17.20	22,807

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, 1970-74.

					Value of P	roduction		Sale	
1	4	Yield		Excl. Pric	e Support	Incl. Pric	e Support	Jaite	
Year	Harvested		per Production Acre		Total Value	Season Average Price	Total Value	Quantity	Value <u>1</u> /
	1,000		1,000	Dollars	1,000	Dollars	1,000	1,000	1,000
	Acres	Bushel	Bushel	per Bu.	Dollars	per Bu.	Dollars	<u>Bushels</u>	<u>Dollars</u>
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	3.65	6,132	3.66	6,152	1,109	4,048

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

	Ac	res	Yield		Season	Value
Year	Planted	Harvested	per Acre	Production	Average Price	of Pro- duction
	1,000 Acres	1,000 Acres	<u>Bushel</u>	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
L970	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	4.00	25,272

Winter Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-74.

1/ Record high acreage of winter wheat harvested.

٦

1

Spring Wheat: Acreage, Yield, Production, and Value, Utah, 1918, 1940, 1950, 1960, 1965, 1970-74.

	A	cres	Yield		Season	Value
Year	Planted	Harvested	per Acre	Production	Average Price	of Pro- duction
	1,000	1,000		1,000	Dollars	1,000
	Acres	Acres	Bushel	Bushel	Per Bu.	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
960	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
971	21	20	44.0	880	1.40	1,232
972	17	16	44.0	704	1.75	1,232
1973	50	47	29.0	1,363	4.07	5,547
L974	60	52	48.0	2,496	3,90	9,734

 $\underline{1}$ / Record high acreage of spring wheat harvested.

All Wheat: Acreage, Yield, Production, and Value, Utah, 1940, 1950, 1953, 1960, 1965, 1970-74.

	Acres		Yield Produc-		Season	Value of	Season Average Price +	Value of Produc-	Sale	2\$
Year	Planted	Harvested	per Acre	tion	Average Price	Production	Price + Price Support Payment	tion + Price Support Payment	Quantity	Value <u>1</u> /
	1,000	1,000		1,000	Dollars	1,000	Dollars	1,000	1,000	1,000
	Acres	Acres	<u>Bushel</u>	Bushel	per Bu.	<u>Dollars</u>	Bushel	Dollars	Bushe1	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		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		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	29.9	8,814	3.97	35,006	4.06	35,755	7,911	31,407

 $\frac{1}{2}$ Quantity sold times season average price excl. price support. $\frac{2}{2}$ Record high acreage cf all wheat harvested.

	Acr	96				Value of P	roduction		Sal	
	- mer	¢3	Yield		Excl. Price	e Support	Incl. Pri	ce Support	541	50
Year	Planted	Har- vested	per Acre	Produc- tion	Season Average Price	Total Value	Season Average Price	Total Value	Quantity	Value <u>1</u> /
	1,000 Acres	1,000 Acres	<u>Bushel</u>	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 <u>2</u> /	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	2.80	20,174	2.82	20,346	2,882	8,070

Barley: Acreage, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-74.

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

Oats: Acreage, Yield, Production, Sales, and Value, Utah, 1910, 1940, 1950, 1960, 1965, 1970-74.

١.

Normal Activity of the

ten low'

E ultad

10

ŝ

ä

14

K

1

â

Year	Act	res	Yield per	Production	Season Average	Value of	Sa	les
i cui	Planted	Harvested	Acre	rioduceion	Price	Production	Quantity	Value <u>1</u> /
	1,000	1,000		1,000	Dollars	1,000	1,000	1,000
	Acres	Acres	Bushel	Bushel	per Bu.	Dollars	<u>Bushel</u>	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	1.90	1,208	159	302

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

Year	Acres		Yield per	Production	Season Average	Value of	Sales	
	Planted	Harvested	Acre	Clean	Price	Production	Quantity	Value 1/
	1,000	1,000	· ···· · · · · · · · · · · · · · · · ·	1,000	Dollars	1,000	1,000	1,000
	Acres	Acres	Pounds	Cwt.	per Cwt.	Dollars	Cwt.	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	39.00	1,380	44	1,320

Dry Beans: Acreage, Yield, Production, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-74.

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

Year	Act	res	Yield	Ductured	Season	Value of	
iear —	Planted	Harvested	per Acre	Production	Average Price	Production	
	1,000	1,000		1,000	Dollars	1,000	
	Acres	Acres	Cwt.	Cwt.	per Cwt.	Dollars	
1940	13.0	12.9	102	1,316	.70	921	
1943 <u>1</u> /	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	

Potatoes: Acreage, Yield, Production, and Value, Utah, 1940, 1943, 1950, 1960, 1965, 1970-74.

1/ Record high acreage of potatoes harvested.

Potatoes: Production, Farm Use, Sales, and Value, Utah, 1940, 1950, 1960, 1965, 1970-73.

((f) = + = 1	F	arm Disposition	1	D /	
Year	Production	Total Used for Seed	For Seed, Feed, and Household Use	Feed, Shrinkage, and Loss	Sold	Price per Cwt.	Value of Sales
	1,000	1,000	1,000	1,000	1,000		1,000
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.	Dollars	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	112	27	88	985	3.30	3,251

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

Potatoes: Pr	oduction and	Total	Stocks,	Utah,	1962-74.
--------------	--------------	-------	---------	-------	----------

			Total S	tocks	
Year	Production	December 1	January 1 Following Year	February 1 Following Year	March 1 Following Year
	1,000	1,000	1,000	1,000	1,000
	Cwt.	Cwt.	Cwt.	Cwt.	Cwt.
.962	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
966	1,383	1,010	810	615	435
967	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
L971	848	550	410	270	200
1972	1,011	690	520	350	190
1973	1,100	800	580	400	230
1974	1,481	1,010	780	550	325

	Acres		Yield	Produc-	Season	Value of	Sugar Act	Payment
Year	Planted	Harvested	per Acre	tion	Average Price <u>1</u> /	Produc- tion	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 <u>3</u> /	17.7	17.0	17.4	296	<u>4</u> /63.80	20,394		

å

1.....

3

÷.

34

Sugar Beets: Acreage, Yield, Production, and Value, Utah, 1920, 1940, 1950, 1960, 1965, 1970-74.

1/ Does not include government payments under the Sugar-Act. 2/ Record high acreage of sugar beets harvested. 3/ Preliminary. 4/ The 1974 value per ton is approximated on the basis of the change of U.S. value per ton from 1973-74.

Sugar Beet Seed:	Acreage and Production,	Utah,	1940,	1941,	1950,	1960,
	1965, 1970-74.					

Year	Acreage Harvested <u>1</u> /	Yield per Acre <u>1</u> /	Production <u>1</u> /	Season Average Price	Value of Production
	Acres	Pounds	100-pound Bags	\$/Cwt.	1,000 Dollars
1940 1941 <u>2</u> / 1950 1960 1965	510 688 313 198 164	2,480 2,030 2,240 2,880 3,736	12,621 13,936 7,026 5,704 6,127	9.00 8.00 13.50 20.00 20.00	114 111 95 114 123
1970 1971 1972 1973 1974	508 490 459	2,359 2,364 1,723 2,429 2,772	10,568 12,010 8,443 11,153 11,006	20.00 20.00 24.00 21.80 22.50	211 240 203 243 248

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

				·····					
	Acr	eage		iction		Acre	eage	Produ	iction
Farms	Planted	Harvested	Per Acre	Total	Farms	Planted	Harvested	Per Acre	Total
No.	Acres	Acres	Tons	Tons	No.	Acres	Acres	Tons	Tons
		1969					<u>1970</u>		
273	13,470	12,290	17.2	211,000	269	13,220	11,900	17.3	206,400
183	3,350	2,370	14.1	33,500	167	3,140	2,720	16.0	43,600
82	2,120	1,900	20.5	38,900	71	2,350	2,260	19.8	44,800
86	2,310	2,110	20.9	44,200	65			19.0	33,900
88	3,580	3,510	19.9	70,000	76	3,230	3,110	16.5	51,400
162	5,110	4,950	18.2	90,300	120	3,880	3,730	15.4	57,600
1	130	130	11.5		2	280	180		2,200
9	510	280	7.5		4	240	170		700
32	870	790	13.4	10,600	23	590	570	11.4	6,500
77	2,210	2,010	16.2	32,600	60	1,580	1,460	12.6	18,400
1	220	140	10.7	1,500	1	130	90	11.1	1,000
16	1,320	1,320	16.5		14				12,200
					1	50	40	7.5	300
1,010	35,200	31,800	17.5	558,000	873	31,700	29,100	16.5	479,000
		1971					1972		
246	12,060		19.1	225,500	219	11,420		19.1	215,000
144		2,670							37,500
66				- 1	56				43,800
51	1,650		22.8		48			23.9	39,000
68	2,750	2,620	19.4	50,700	54	2,150	2,140	19.6	42,000
74	2,720	2,660	16.6	44,200	68	2,320	2,170	19.4	42,000
5	200	200	14.0		2	50	40		700
6	120	120	15.8		1	60	60		1,400
10	990	960	14.6	14,000	8	530	490	19.6	9,600
670	25,500	24,800	18.7	463,000	573	22,500	22,000	19.6	431,000
							107 <i>1</i>		
194	10,510		18.6	190.000	188	9,300		18.1	160,100
					87		1,790	14.7	
								18.8	31,700
								18.3	23,100
35	1,240	1,210	16.4			990	980	18.2	17,800
49	1,780	1,770	14.7	26.000	52	2,070	2,000	15.1	30,200
				-	2	130	130	16.9	2,200
. 6	400	380	13.9		7	320	300	15.0	4,500
. 449	19,300	18,400	17.5	322,000	440	17,700	17,000	17.4	296,000
	273 183 82 86 88 162 1 9 32 77 1 16 1,010 246 144 66 51 68 74 5 6 10 670 194 83 43 38 5 49 1 6	Farms Planted No. Acres 273 13,470 183 3,350 82 2,120 86 2,310 88 3,580 162 5,110 1 130 9 510 32 870 77 2,210 1 220 16 1,320 1,010 35,200 246 12,060 144 2,820 66 2,190 51 1,650 68 2,750 74 2,720 5 200 6 120 10 990 670 25,500 194 10,510 83 1,820 43 1,940 35 1,240 49 1,780 90 .6	PlantedHarvestedNo.AcresAcres 1969 27313,47012,2901833,3502,370822,1201,900862,3102,110883,5803,5101625,1104,9501130130951028032870790772,2102,0101220140161,3201,3201,01035,20031,80024612,06011,7901442,8202,670662,1902,160511,6501,620682,7502,620742,7202,660520020061201201099096067025,50024,80019410,51010,200831,8201,760431,9401,750381,5201,240351,2401,210491,7801,77019090.6400380	FarmsPlantedHarvestedPer AcreNo.AcresAcresTons 1969 27313,47012,29017.21833,3502,37014.1822,1201,90020.5862,3102,11020.9883,5803,51019.91625,1104,95018.2113013011.595102807.53287079013.4772,2102,01016.2122014010.7161,3201,32016.51,01035,20031,80017.524612,06011,79019.11442,8202,67015.1662,1902,16021.6511,6501,62022.8682,7502,66016.6520020014.0612012015.81099096014.667025,50024,80018.719410,51010,20018.6831,8201,76015.8431,9401,75016.4381,5201,24018.4351,2401,21016.4491,7801,77014.71909017.8.640038013.9	Farms Planted Harvested Per Acre Total No. Acres Acres Tons Total No. Acres Acres Tons Total No. Acres Acres Tons Total No. Acres Tons Tons No. Acres Tons Tons No. State State State No. Acres Tons Tons No. Acres Total Total No. Acres State State No. Acres Tons Tons </td <td>FarmsPlantedHarvestedPer AcreTotalFarmsNo.AcresAcresTonsTotalNo.$1969$17.2211,0002691833,3502,37014.133,500822,1201,90020.538,900862,3102,11020.944,200883,5803,51019.970,000761625,1104,95018.290,300113013011.51,50095102807.52,10043287079013.410,6002387079013.410,600772,2102,01016.521,800122014010.71,50011,01035,20031,80017.5558,00087311,6501,66222.837,0001442,8202,67015.140,30017662,1902,16021.6462,7502,62019.450,70054742,7202,66016.644,200682,7502,62019.450,7005410,51016,20018.6190,0001099096014.614,000831,8201,76015.82,8001099096014.614,000831,5201,24018.422,80035<td>FarmsPlantedHarvestedPer AcreTotalFarmsPlantedNo.AcresAcresTonsTonsNo.Acres196912,29017.2211,00026913,2201833,3502,37014.133,5001673,140822,1201,90020.538,900712,350862,3102,11020.944,200651,870883,5803,51019.970,000763,2301625,1104,95018.290,3001203,880113013011.51,500228095012807.52,100240233287079013.410,60023590772,2102,01016.521,800141,14015011,01035,20031,80017.5558,00087331,700142,8202,67015.140,300481,680682,7502,62019.450,700542,150742,7202,66016.644,200682,320520020014.614,0008530612012015.81,9001601099096014.614,000853067025,50024,80</td><td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td><td>Farms Planted Harvested Per Acre Total Farms Planted Harvested Acres Acres No. Acres Acres Tons Tons No. Acres Acres Tons 273 13,470 12,290 17.2 211,000 269 13,220 11,900 17.3 88 3,350 2,370 14.1 33,500 167 3,140 2,720 16.0 86 2,310 2,110 20.9 44,200 65 1,870 1,780 19.8 88 3,580 3,510 19.9 70,000 76 3,230 3,110 16.5 162 5,110 4,950 18.2 90,300 120 3,880 3,730 15.4 1 130 130 11.5 1,500 2 280 180 12.2 9 510 2.80 7.60 1.14 10.40 10.70 11.4 1220 1,40 10.70<</td></td>	FarmsPlantedHarvestedPer AcreTotalFarmsNo.AcresAcresTonsTotalNo. 1969 17.2211,0002691833,3502,37014.133,500822,1201,90020.538,900862,3102,11020.944,200883,5803,51019.970,000761625,1104,95018.290,300113013011.51,50095102807.52,10043287079013.410,6002387079013.410,600772,2102,01016.521,800122014010.71,50011,01035,20031,80017.5558,00087311,6501,66222.837,0001442,8202,67015.140,30017662,1902,16021.6462,7502,62019.450,70054742,7202,66016.644,200682,7502,62019.450,7005410,51016,20018.6190,0001099096014.614,000831,8201,76015.82,8001099096014.614,000831,5201,24018.422,80035 <td>FarmsPlantedHarvestedPer AcreTotalFarmsPlantedNo.AcresAcresTonsTonsNo.Acres196912,29017.2211,00026913,2201833,3502,37014.133,5001673,140822,1201,90020.538,900712,350862,3102,11020.944,200651,870883,5803,51019.970,000763,2301625,1104,95018.290,3001203,880113013011.51,500228095012807.52,100240233287079013.410,60023590772,2102,01016.521,800141,14015011,01035,20031,80017.5558,00087331,700142,8202,67015.140,300481,680682,7502,62019.450,700542,150742,7202,66016.644,200682,320520020014.614,0008530612012015.81,9001601099096014.614,000853067025,50024,80</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>Farms Planted Harvested Per Acre Total Farms Planted Harvested Acres Acres No. Acres Acres Tons Tons No. Acres Acres Tons 273 13,470 12,290 17.2 211,000 269 13,220 11,900 17.3 88 3,350 2,370 14.1 33,500 167 3,140 2,720 16.0 86 2,310 2,110 20.9 44,200 65 1,870 1,780 19.8 88 3,580 3,510 19.9 70,000 76 3,230 3,110 16.5 162 5,110 4,950 18.2 90,300 120 3,880 3,730 15.4 1 130 130 11.5 1,500 2 280 180 12.2 9 510 2.80 7.60 1.14 10.40 10.70 11.4 1220 1,40 10.70<</td>	FarmsPlantedHarvestedPer AcreTotalFarmsPlantedNo.AcresAcresTonsTonsNo.Acres196912,29017.2211,00026913,2201833,3502,37014.133,5001673,140822,1201,90020.538,900712,350862,3102,11020.944,200651,870883,5803,51019.970,000763,2301625,1104,95018.290,3001203,880113013011.51,500228095012807.52,100240233287079013.410,60023590772,2102,01016.521,800141,14015011,01035,20031,80017.5558,00087331,700142,8202,67015.140,300481,680682,7502,62019.450,700542,150742,7202,66016.644,200682,320520020014.614,0008530612012015.81,9001601099096014.614,000853067025,50024,80	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Farms Planted Harvested Per Acre Total Farms Planted Harvested Acres Acres No. Acres Acres Tons Tons No. Acres Acres Tons 273 13,470 12,290 17.2 211,000 269 13,220 11,900 17.3 88 3,350 2,370 14.1 33,500 167 3,140 2,720 16.0 86 2,310 2,110 20.9 44,200 65 1,870 1,780 19.8 88 3,580 3,510 19.9 70,000 76 3,230 3,110 16.5 162 5,110 4,950 18.2 90,300 120 3,880 3,730 15.4 1 130 130 11.5 1,500 2 280 180 12.2 9 510 2.80 7.60 1.14 10.40 10.70 11.4 1220 1,40 10.70<

Sugar Beets: Acreage and Production by Counties 1/, Utah, 1969-74.

 $\frac{1}{1}$ County estimates 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.

Year	Acres	Yield per	Production	Season Average	Value of	Sal	es
Tear	Harvested	Acre	rioducción	Price	Production	Quantity	Value 2/
•	1,000		1,000	Dollars	1,000	1,000	1,000
	Acres	Tons	Tons	per Ton	Dollars	Tons	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
L971	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

All Hay: Acreage, Yield, Production, and Value, Utah, 1930, 1940, 1950, 1960, 1965, 1970-74.

\$20,000,120,000 (K2

ģ

j

1

-inter-

per les

J

1

3

ŝ

28012: ULU 101210

NAME OF COMPANY OF COMPANY

1111

ġ.

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, 1970-74.

Year	Acres Harvested	Yield per Acre	Production	Year	Acres Harvested	Yield per Acre	Production
	1,000		1,000		1,000		1,000
	Acres	Tons	Tons		Acres	Tons	Tons
		<u>Alfalfa Hay</u>				<u>All Other Hay 1</u> /	-
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

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,	1970-74.
---------------	----------	--------	-------------	--------	-----	--------	-------	-------	-------	-------	-------	-------	----------

Year	Acres Harvested	Yield per Acre		Season Average Price	Value of Production	Sales	
			Production			Quantity	Value 2/
	1,000		1,000	Dollars	1,000	1,000	1,000
	Acres	Pounds	Pounds	per Cwt.	<u>Dollars</u>	Pounds	Dollars
L925 1/	71.7	275	19,718	14.80	2,918	Not available	
.940	54	83	4,500	14.30	644	Not available	
L950	57	165	9,405	49.50	4,655	8,888	4,400
L960	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
L970	16	195	3,120	33.00	1,030	3,089	1,019
971	14	290	4,060	32.20	1,307	4,019	1,294
972	9	330	2,970	47.50	1,411	2,940	1,397
973	10	230	2,300	103.00	2,369	2,277	2,345
L974	16	300	4,800	77.00	3,696		

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, 1970-74.

à

3

1950 1960 1965 1970 1971 1972 1973 1973 1974 1950 1960 1960 1965 1971	Stocks 1,000 Bushels 4,704 3,122	Stocks, Follow- ing Year 1,000 <u>Bushels</u> <u>On Farms</u> 2 685	Stocks, Follow- ing Year 1,000 <u>Bushels</u>	Stocks, Follow ing Year 1,000 <u>Bushels</u>
1950 1960 1970 1971 1972 1973 1974 1950 1965 1960 1960 1970 1971	<u>Bushels</u> 4,704	1,000 <u>Bushels</u> On Farms	-	1,000
950	<u>Bushels</u> 4,704	<u>Bushels</u> On Farms	-	
L960 L965 L970 L971 L972 L973 L974 L974 L960 L965 L965 L970 L971				
1960 1975 1977 1973 1974 1975 1965 1970 1971		2 685		
1965 1970 1971 1972 1973 1973 1974 1960 1965 1970 1971	3,122	3,685	2,587	588
L970 1971 1972 1973 1974 1974 1960 1965 1970 1971		2,487	1,005	370
1971 1972 1973 1974 1974 1960 1965 1965 1970 1971	2,694	1,684	673	471
1972 1973 1974 1974 1960 1965 1970 1971	3,588	2,068	1,034	304
1973 1974 1950 1960 1965 1970 1971	3,435	2,373	1,311	406
1974 1950 1960 1965 1970 1971	2,884	2,332	1,105	430
1950 1960 1965 1970 1971	3,482	2,026	1,140	506
1960 1965 1970 1971	4,936	3,614	2,027	
1960 1965 1970 1971	2	Off Farms <u>1</u> /		
1965 1970 1971	7,535	6,628	4,908	3,398
1970	7,116	5,867	4,369	2,105
1971	6,892	5,543	3,432	1,513
	5,424	5,323	4,252	2,264
1972	5,048	5,556	4,184	2,707
	7,923	5,813	5,074	1,792
	6,261	6,013	4,687	2,794
1974	6,065	6,393	4,389	
	Tota	1 All Positions		
19501	2,239	10,313	7,495	3,986
19601	0,238	8,354	5,374	2,475
	9,586	7,227	4,105	1,984
1970	9,012	7,391	5,286	2,568
	8,483	7,929	5,495	3,113
1972 1	0,807	8,145	6,179	2,222
	9,743	8,039	5,827	3,300
1974 1	1,001	10,007	6,416	
l/ Includes stocks at				

 $\frac{1}{\text{CCC}}$ Includes stocks at mills, elevators, warehouses, terminals, processors, and $\frac{1}{\text{CCC}}$ owned grain at bin sites.

ŝ

2

3

3

1111

(frame

ú

į

Ð

ġ

1

Grain Stocks - Oats: On Farms, Off Farms, and Total, by Quarters, Utah, 1950, 1960, 1965, 1970-74.

Year Beginning	October 1, Stocks 1,000 Bushels	January 1, Stocks, Follow- ing Year 1,000 <u>Bushels</u>	April 1, Stocks Follow- ing Year 1,000 Bushels	July 1, Stocks, Follow- ing Year 1,000 <u>Bushels</u>
		On Farms		
1950 1960 1965	2,020 984 953	1,606 730 824	918 296 580	344 148 245
1970 1971 1972 1973 1974	898 635 500 643 445	541 470 365 491 350	377 243 237 302 165	214 118 115 151
		Off Farms <u>1</u> /		
1950 1960 1965	167 101 169	244 72 216	154 80 174	96 75 100
1970 1971 1972 1973 1974	218 244 168 168 144	216 126 111 212 305	145 90 193 160 317	104 159 98 163
	Tot	al All Positions	_	
1950 1960 1965	2,187 1,085 1,122	1,850 802 1,040	1,072 376 754	440 223 345
1970 1971 1972 1973 1974	1,116 879 668 811 589	757 596 476 703 655	522 333 430 462 482	318 277 213 314

 $\frac{1}{CCC}$ Includes stocks at mills, elevators, warehouses, terminals, processors, and \overline{CCC} owned grain at bin sites.

÷

.

á

5

.

Grain Stocks - Barley: On Farms, Off Farms, and Total by Quarters, Utah, 1950, 1960, 1965, 1970-74.

Year	October 1,	January 1,	April 1,	July 1,
Beginning	Stocks		Stocks, Follow-	Stocks, Follow
	1,000	ing Year	ing Year	ing Year 1,000
	Bushels	1,000 Bushels	1,000 Bushels	Bushels
	busilets	DUSITETS	busilets	busilets
		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	2,822	1,513	
		_,	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		Off Farms <u>1</u> /		
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	
	<u>T</u>	otal All Positions	3	
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/ Includes stor	ks at mills.	elevators, warehou	ises. terminals.	processors, a

 $\frac{1}{CCC}$ Includes stocks at mills, elevators, warehouses, terminals, processors, and $\frac{1}{CCC}$ owned grain at bin sites.

Year	January 1, Stocks	April 1, Stocks	July 1, Stocks	October 1, Stocks		
· ·	1,000	1,000	1,000	1,000		
	Bushels	Bushels	Bushels	Bushels		
<u>On Farms</u>						
1951	88	50	4	2		
1961	111	50	8	2		
1966	135	63	11	7		
1970	$\frac{\frac{1}{1}}{\frac{1}{324}}$	$\frac{1}{\frac{1}{1}}$	1/	$\frac{\frac{1}{1}}{\frac{1}{22}}$		
1971	<u>1/</u>	1/	$\frac{\frac{1}{1}}{\frac{1}{37}}$	1/		
1972	$\frac{1}{2}$	$\frac{1}{1}$	$\frac{1}{2}$	$\frac{1}{2}$		
1973	324	162		22 43		
1974	501	215	86	43		
1975	655	336				
		2/				
		<u>Off Farms 2/</u>				
1951	70	88	115	59		
1961	4:26	390	552	99		
1966	<u>3</u> /	<u>3</u> /	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				
	Tota	al All Positions				
1951	158	138	119	61		
1961	537	440	560	101		
1966	3/	<u>3</u> /	3/	120		
1970	345	236	208	68		
1971	.245	324	285	143		
1972	153	228	97	59		
1973 1974	511	333	271	273		
1975	672 1,035	509	307	233		
	1,000	651				

Grain Stocks - Corn: On Farms, Off Farms, and Total by Quarters, Utah, 1951, 1961, 1966, 1970-75.

<u>1</u>/ Estimate discontinued. <u>2</u>/ Includes stocks at mills, elevators, warehouses, terminals, processors, and CCC owned grain at bin sites. <u>3</u>/ Not published to avoid disclosure of individual operations.

3

ŋ

j,

ij,

1028

à

	197	0-/5.		
Year	January 1,	April 1,	July 1,	October 1,
reat	Stocks	Stocks	Stocks	Stocks
	1,000	1,000	1,000	1,000
	Bushels	Bushels	Bushels	Bushels
		<u>Off Farms 1/</u>		
1961	2/	2/ .	1,558	2/
1966	$\frac{2}{272}$	$\frac{2}{2}$.	87	<u>2/</u> 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		

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

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.



Fruits

Ronald A. Sadler, Agricultural Statistician

<u>General</u>: 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.

ä

7

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 into 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 in some years some apricots are canned or frozen, some sweet cherries are brined, and some pears are shipped for canning in other States. The portion processed varies with the size and quality of the crop. In 1974, processors took 30.0 percent of the sweet cherry crop but none of the apricot or pear crops. Most tart cherries are processed--frozen, canned, or juice--with 85 percent of the 1974 crop frozen.

<u>1974 Production</u>: The 1974 season was mostly favorable for Utah's fruit crops. Spring frost damage was light except for apricots which suffered heavy frost damage. However apples, pears, sweet and sour cherries set lighter crops following the very heavy 1973 crops.

Total fruit production was 41,050 tons, compared with the very heavy crop of 55,350 tons in 1973. However, 1974 was the fourth largest in the last 14 years. Peach production at 8,000 tons tied 1968 as the largest since the 50's and was one-third more than 1973. It was the "off" year for apple bloom in many orchards and production dropped from 26,350 tons in 1973 to 18,500 tons in 1974. Similar declines occurred for pears and cherries with pears at 3,200 tons down 45 percent, sweet cherries at 5,000 tons down almost one-fourth, and sour cherries at 5,800 tons down almost one-third. The summer was dry and warm. Fruit was harvested with very little loss.

Year	Apples	Peaches	Pears	Sweet Cherries	Sour Cherries	Apricots	Total
			Productio	on - Tons			
1061	4,450		2 250	1 000	2 200	2 (00	10 250
1961	-	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
Total of Re			-		-		(61,350)
							(,,
		Valu	ie of Prod	luction \$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	1,120	848	490 617	2,857	1,419	295	7,912
1969	1,701	834	506	1,076	<u>995</u>	599	5,711
1970	1,570	826	439	830	701	276	4,642
1071	1 705	015		1 110	1 070	110	F (/0
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	3,663	1,936	646	1,695	2,152	211	10,303

Utah Fruit - Production and Value, 1961-74.

Note: Bracketed () figures are record high production since 1966. 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.

Vecto		Production	1	Fai Dispos	rm sition	Average	Value	e of
Year	Total	Not Utilized	Having Value	Home Use	Sold	Price	Produc- tion	Sales
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000	1,000
	Bu.	Bu.	Bu.	Bu.	Bu.	per Bu.	\$	\$
			1,300	205	1,095	1.13	1,469	1,237
1940	465	57	408	44	364	.83	339	302
1950	282		282	38	244	2.60	733	634
						-		1 000
	Million		Million	Million	Million		1,000	1,000
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	per Lb.	\$	\$
1960	10.3		10.3	• 4	9.9	4.82	496	477
1965	15.7		15.7	.4	15.3	4.01	630	581
1970	28.0	.5	27.5	.3	27.2	5.71	1,570	1,548
1971	26.0	1.0	25.0	3/	<u>3</u> /	7.14	1,785	3/
1972	4.0		4.0			8.88	355	
1973	58.0	5.3	52.7			6.70	3,531	
1974	37.0		37.0			9.90	3,663	
								1

Commercial Apples 1/: Production, Use, and Value, Utah, 1925, 1940, 1950, 1960, 1965, 1970-74.

1/ Estimates through 1933 were for all apples. Since 1934 estimates are for commercial production including crchards with more than 100 trees. 2/ Record high apple production. 3/ Separate estimates for home use discontinued.

1

172

i

7

å

J

ļ

Man realities

3

Commercial Apples: Production by Varieties, Utah, 1971-74.

	19	71	19	72	19	73	197	74
Variety	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total	Million Pounds	Percent of Total
Jonathan Delicious Golden Delicious	3.4 14.9 2.3	13.1 57.3 8.8	.1 .6 .6	2.5 15.0 15.0	10.1 33.3 5.2	17.4 57.4 9.0	3.3 21.5 2.0	8.9 58.1 5.4
Rome Beauty Other	4.0 1.4	15.4 5.4	2.7	67.5	7.8 1.6	13.4 2.8	9.7 0.5	26.2 1.4
Tota1	26.0	100.0	4.0	100.0	58.0	100.0	37.0	100.0

.

	I	Production	1	Far Dispos	rm sition	Average	Valu	e of
Year	Total	Not Utilized	Having Value	Home Use	Sold	Price	Produc- tion	Sales
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000	1,000
	Bu.	Bu.	_Bu.	Bu.	Bu.	per Bu.	\$	\$
1922 1/	921		921	41	880	1.25	1,151	1,000
1940	738		738	22	716	.80	590	573
1950	112		112	15	97	3.85	431	373
	Million	Million	Million	Million	Million	Cents	1,000	1,000
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	per Lb.	\$	\$
1960	8.6		8.6	.4	8.2	6.82	587	559
L965	2.4		2.4	• •1 •	2.3	7.87	189	181
L970	13.0		13.0	• 4	12.6	6.35	826	800
1971	13.0		13.0	2/	2/	6.50	845	2/
1972			1.5			13.30	200	
1973			12.0			12.60	1,512	
1974			16.0			12.10	1,936	
	,							

Peaches: Production, Use, and Value, 1922, 1940, 1950, 1960, 1965, 1970-74.

1/ Record high peach production. 2/ Separate estimates of home use discontinued.

Year		Production		Fa: Dispo	rm sition	Average	Value	of
	Total	Not Utilized	Having Value	Home Use	Sold	Price	Produc- tion	Sales
	1,000	1,000	1,000	1,000	1,000	Dollars	1,000	1,000
	Bu.	Bu.	Bu.	Bu.	Bu.	per Bu.	\$	\$
1940	181		181	8	173	.95	172	164
1950	35		35	4	31	3.60	126	112
1954 <u>1</u> /	350		350	15	335	2.15	752	720
						Dollars	1,000	1,000
	Tons	Tons	Tons	Tons	Tons	per Ton	\$	\$
1960	4,380	200	4,180	200	3,980	108.00	451	430
1965	1,250	25	1,225	100	1,125	106.00	130	119
1970	4,300		4,300	125	4,175	102.00	439	426
1971	4,620	420	4,200		2/	87.00	365	
1972	200		200	2/		214.00	43	2/
1973	5,830		5,830			107.00	624	·
1974	3,200		3,200			202.00	646	
1								

Pears: Production, Use, and Value, Utah, 1940, 1950, 1954, 1960, 1965, 1970-74.

1/ Record high pear production. 2/ Separate estimates of home use discontinued.

UTAH AGRICULTURAL STATISTICS 1975

		Production		Fa Dispos	rm	Price	Value	of
Year	Total	Not Utilized	Having Value	Home Use	Sold	per ton	Produc- tion	Sales
	Tons	Tons	Tons	Tons	Tons	Dollars	1,000 \$	1,000 \$
1940 1950 1960	3,100 440 1,200		3,100 440 1,200	320 50 90	2,780 390 1,110	80.00 282.00 407.00	248 124 488	222 110 452
1965 1968 <u>1</u> /	990 7,700		990 7,700	90 190	900 7,510	655.00 371.00	648 2,857	591 2,771
1970 1971 1972 1973 1974	2,300 4,600 <u>3/</u> 6,500 5,000		2,300 4,600 <u>3/</u> 6,500 5,000	70 <u>2</u> / 	2,230 / 	361.00 243.00 313.00 339.00	830 1,118 2,035 1,695	803 <u>2/</u>

Sweet Cherries: Production, Use and Value, Utah, 1940, 1950, 1960, 1965, 1968, 1970-74.

1/ Record high sweet cherry production. 2/ Separate estimates of home use discontinued. 3/ 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, 1970-74.

10.3

112111

No. of the local

July and the

•	P	roduction			arm sition	Price	Value	e of
Year .	Total	Not Utilized	Having Value	Home Use	Sold	per Ton	Produc- tion	Sales
	Tons	Tons	Tons	Tons	Tons	<u>Dollars</u>	1,000 \$	1,000 \$
1940 1950 1960 1965	2,300 800 2,800 3,700	 200	2,300 800 2,800 3,500	120 70 90 90	2,180 730 2,710 3,410	44.00 177.00 139.00 102.00	101 142 389 357	96 129 377 340
1970 1971 1972 1973 <u>1</u> / 1974	4,900 6,700 650 8,500 5,800	 	4,900 6,700 650 8,500 5,800	80 <u>2/</u> 	4,820 <u>2/</u> 	143.00 161.00 205.00 334.00 371.00	701 1,079 133 2,839 2,152	684
1/ Record hi	gh tart	cherry pi	oduction	. 2/	Separate	estimates	s of home	use

 $\underline{1}$ / Record high tart cherry production. $\underline{2}$ / Separate estimates of home use discontinued.

Year		Production	l		Farm Disposition		Value	e of
Tear	Total	Not Utilized	Having Value	Home Use	Sold	per Ton	Produc- tion	Sales
	Tons	Tons	Tons	Tons	Tons	Dollars	1,000 Dollars	1,000 Dollars
1940 1950	•		7,800 400	670 160	7,130 240	27.20 180.00	212 72	194 43
$1957 \ 1/1$ 1960	1,000	1,000	10,000	480 210	9,520	62.10 96.60	621 242	591 221
1965			2,500	100	100	121.00	242	12
1970		300	2,000 3,200	200 <u>2</u> /	1,800 2/	138.00 140.00	276 448	245 _2/
1972 <u>3</u> / 1973	0	 130	0 2,170	 		 145.00	0 315	
1974	-		550			384.00	211	

Apricots: Production, Use, and Value, Utah, 1940, 1950, 1957, 1960, 1965, 1970-74.

 $\frac{1}{1}$ Record high apricot production. $\frac{2}{5}$ Separate estimates of home use discontinued. $\frac{3}{5}$ Completely frozen in the spring.



Vegetables

Ronald A. Sadler, 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 1974 because of higher yields per acre and an increase in acreage. Total production in 1974 at 390,000 cwt. was 61 percent above 1973 and the largest since 1947. Acreage harvested in 1974 totaled 1,300 acres which was 200 acres more than in 1973 and also the largest since 1947. Yield per acre, at 300 cwt. compared with the low 220 in 1973 and the relatively high yield of 370 cwt. in 1972. A cool, late spring slowed early growth and resulted in some thin stands. Summer growing and harvesting weather was favorable. Prices averaged below the preceding two years. Total value of the 1974 crop sales was \$1,409,000. 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. There were 5,840 acres of vegetables harvested for processing which was 410 more than a year earlier. The 1973 acreage was the smallest in many years, and about one-fifth of the 1942 record high of 28,230. The value of 1974 production was \$2,168,000 -- double 1973. Tomatoes, sweet corn, green peas, and snap beans were the vegetables grown for processing during 1974. In earlier years, green lima beans, table beets, and cucumbers for pickles were also grown for processing in the State. Most of the acreage in 1974 was grown in Box Elder, Cache, Weber, and Davis Counties.





	Acreag	ge	Yield	Produc-	Quantity		Value of		Stocks
Year	Planted	Har-	per	tion	not 1/	Sales	Per Cwt	Total	Following
		vested	Acre		Sold <u>1</u> /				Jan. 1
				1,000	1,000	1,000		1,000	1,000
	Acres	Acres	Cwt.	<u>Cwt</u> .	Cwt.	Cwt.	Dollars	Dollars	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	7 50	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	66	324	4.35	1,409	160
					Jan Stranger				

Onions, Fresh Market: Acreage, Yield, Production, Value, and Stocks, Utah, 1940, 1944, 1950, 1960, 1965, 1970-74.

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, 1970-74.

Year	Acr	eage	Production	Value
Ieai	Planted	Harvested	FIODUCCION	Total
				1,000
	Acres	Acres	Tons	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

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

Jack B. Goodwin, Agricultural Statistician

Cash receipts from the sale of cattle and calves by Utah farmers and ranchers during 1974 totaled \$71,386,000, down 35 percent from the 1973 record. At this level, cattle dropped to second place behind dairy in cash income among the various commodities. It accounted for 22 percent of the total cash receipts for all agricultural products sold during the year compared with 32 percent in 1973. The relative importance of cattle and calf sales increased substanially from 1950 to 1973--from 25 percent of the total receipts from all crops and livestock in 1950 to 32 percent in 1973 -- then the sharp drop to 22 percent occurred in 1974 as cattle and calf prices tumbled. 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 - 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 numbers in the 1969 U. S. Census of Agriculture were Box Elder, Utah, Millard, Cache, Uintah, and Duchesne.

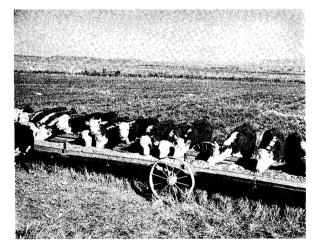
Í

Cattle Inventory January 1, 1975: There were 900,000 head of cattle and calves in Utah on January 1, 1975. This was 8 percent more than a year earlier and a record high. Most of the increase was in beef stock with sharpest increases in calves and in heifers 500 pounds and over. All cows and heifers that have calved totaled 428,000 head, 6 percent above a year Beef cows accounted for 349,000 of the total and milk cows toearlier. taled 79,000, up 6 and 5 percent, respectively. Heifers, 500 pounds and over, amounted to 138,000 head, up 13 percent. Included were 65,000 for beef cow replacements, 37,000 for milk cow replacements, and 36,000 others. Steers, 500 pounds and over, at 81,000 were down 2 percent. Bulls, 500 pounds and over, totaled 18,000 this year, 6 percent above a year earlier. Numbers of calves, under 500 pounds, increased 14 percent and totaled 235,000 head.

Since 1940, cattle numbers have more than doubled--from 432,000 to 900,000. During that 35 year period, milk cow numbers declined about one-fourth while beef cows tripled. Beef heifers, steers, and calves also increased greatly during that period. The big increase in beef cattle production was the result of several changes in the State's agriculture--from sheep to beef, from dairy to beef, and from intensive row crops to feed crops and beef. Cattle on Feed January 1, 1975: The number of cattle on feed for slaughter market in Utah on January 1, 1975 totaled 52,000 head. This was down 6,000 from the previous year and below the earlier level because high feed prices and low cattle prices made cattle feeding less attractive. Also, some feeders have shifted to a warm-up type operation in the last two or three years. After putting on the cheaper gains, they ship their cattle to other feeders or other areas for finishing. These are not included in the above numbers of "cattle on feed". Most cattle feedlots are located in north-central and central counties.









	Fa	rms	C	attle on Fa	rms January	1
Year	With	With	Number	Val	ue	On Feed
	Cattle	Milk Cows		Per Head	Total	For Market
			1,000		1,000	1,000
			Head	<u>Dollars</u>	<u>Dollars</u>	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 <u>1</u> /	~~		900	160	144,000	52
1						

I.

Ì

ī

Ī

All Cattle: Number of Cattle Farms 1965, 1970-74 and Number and Value of Cattle on Farms, Utah, January 1, 1940, 1950, 1960, 1965, 1970-75.

1/ Record high January 1 Inventory.

Calf Crop: Utah, 1940, 1950, 1960, 1965, 1970-74.

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 <u>1/a</u> /	Calves Born as Percent of Cows Calved January 1 <u>1/b</u> /
	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
1940 1950 1960 1965	302	 	174 263 317 351	80 87 88 90	
1970	424	392	372	88	95
1971	— —	411	378		92
1972		410	378		92
1973		403	350		87
1974		403	380		94

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.

	A11		For Milk		Beef Cattle					
Year	Cattle and Calves	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 <u>1</u> /	808	82	25	28	342	69	188	59	15	

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

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

	All Cattle		ows and l have Ca		Heif	ers 500 Po	ounds and	l Over	Steers	Bulls	Steers, Heifers	
Year	and Calves	Total	Cows Cows			Beef Cow Milk Cow Replace- Replace- Other ments ments			500 lbs & Over	500 lbs & Over	& Bulls Under 500 Lbs	
	1,000 Head	1,000 Head	1,000 <u>Head</u>	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 <u>Head</u>	
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	
	- 			<u> </u>								

Cattle: Inventory by Classes and Weight, Utah, January 1, 1970-75.

Year	Inventory Beginning	Calf	Inship-	Market <u>1</u> /	ings	Farm Slaughter <u>2</u> /	Deat	hs	Inventory End of
	of Year	Crop	ments	Cattle	Calves	Cattle & Calves	Cattle	Calves	Year
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Head	Head	Head	Head	Head	Head	Head	Head
Į									
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

ź.

ÿ

Ż

4 4

3

ġ

j.

ż

٦

Cattle and Calves: Inventory, Supply, and Disposition, Utah, 1940, 1950, 1960, 1965, 1970-74.

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

2/ Excludes custom slaughtered at commercial establishments.

Year	Produc-	tion ings -	Average per 10		Value of	Cash Receipts	Value of Home	Gross	Cost of Inship-
Tear	<u>1</u> /	$\frac{2}{2}$	Cattle	Calves	Produc- tion	$\frac{3}{2}$	Consump- tion	Income	ments
	1,000	1,000			1,000	1,000	1,000	1,000	1,000
	Pounds	Pounds	Dollars	Dollars	Dollars	Dollars	Dollars	<u>Dollars</u>	<u>Dollars</u>
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	225,562	31.20	33.70	75,813	71,386	3,008	74,394	

Cattle and Calves: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-74.

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, 1965-74 and Monthly 1973-74.

	Number	Weight	Total		57	Tatal	Total		
	Number			1	Weight	Total		Total	
		per	Live	Number	per	Live	Number	Live	
		Head	Weight		Head	Weight		Weight	
	1,000	<u> </u>	1,000	1,000		1,000	1,000	1,000	
	Head	Pounds	Pounds	Head	Pounds	Pounds	Head	Pounds	
·									
1944 1/	102.9			42.5					
	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	
	321.8	1,012	325,615	6.0	340	2,041	327.8	327,656	
	271.0	1,001	271,364	5.8	351	2,033	276.8	273,397	
	277.1	1,001	277,299	5.4	364	1,963	282.5	279,262	
	273.7	1,017	278,419	4.5	364	1,638	278.2	280,057	
	258.5	1,040	268,914	3.2	397	1,270	261.7	270,184	
1971	269.8	1,040	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	
1972	239.1	1,110	295,336	Q.3	433	130	239.4	265,506	
1974	267.8	1,092	292,470	1.0	412	412	268.8	292,882	
	207.0	1,072	272,470	1.0	7.1.6	124	20010	2,2,002	
1973			- / /				0.1 (
Jan	21.6	1,133	24,473				21.6	24,473	
Feb	19.1	1,116	21,316	.1	451	45	19.2	21,361	
Mar	20.4	1,130	23,052				20.4	23,052	
Apr	17.9	1,072	19,189				17.9	19,189	
May	19.8	1,079	21,364	.1	452	45	19.9	21,409	
June	19.8	1,125	22,275				19.8	22,275	
July	21.6	1,117	24,127				21.6	24,127	
Aug	23.1	1,095	25,294				23.1	25,294	
Sep	17.0	1,097	18,649				17.0	18,649	
Oct	20.4	1,127	22,991	.1	402	40	20.5	23,031	
Nov	19.5	1,116	21,762				19.5	21,762	
Dec	18.9	1,105	20,884				18.9	20,884	
1974									
Jan	21.8	1,146	24,983				21.8	24,983	
Feb	18.3	1,127	20,624	.1	463	46	18.4	20,670	
Mar	18.9	1,128	21,319				18.9	21,319	
Apr	20.6	1,105	22,763	.1	384	38	20.7	22,801	
May	20.6	1,103	22,722				20.6	22,722	
June	19.0	1,112	21,128				19.0	21,128	
July	23.6	1,076	25,394	.1	398	40	23.7	25,434	
Aug.	24.3	1,098	26,681	.1	420	42	24.4	26,723	
	24.3	1,098	26,081	•1	399	42	24.4	26,114	
Sep		1,073	28,074	.1	450	40 90	24.4	28,656	
Oct	27.0			.2	430 373	90 75	27.2	28,030	
Nov	25.5	1,057	26,954	.2		73 41	25.7	27,029	
Dec	23.9	1,057	25,262	•1	412	4 L	24.0	<i>د</i> ار د	

1/ First year on record.

Sheep & Wool

Jack B. Goodwin, Agricultural Statistician

ź

J.

Ą.

á

j.

1

100

Sheep numbers continue to decline and sheep and wool dropped to fifth place in cash income among the agricultural products sold by Utah farmers during 1974 -- following milk, cattle, wheat, and turkeys. Cash receipts from sheep and wool during 1974 totaled 21.1 million dollars compared with 25.1 million in 1973. Both receipts from wool and from sheep and lambs declined in 1974 because of lower prices and smaller quantities produced.

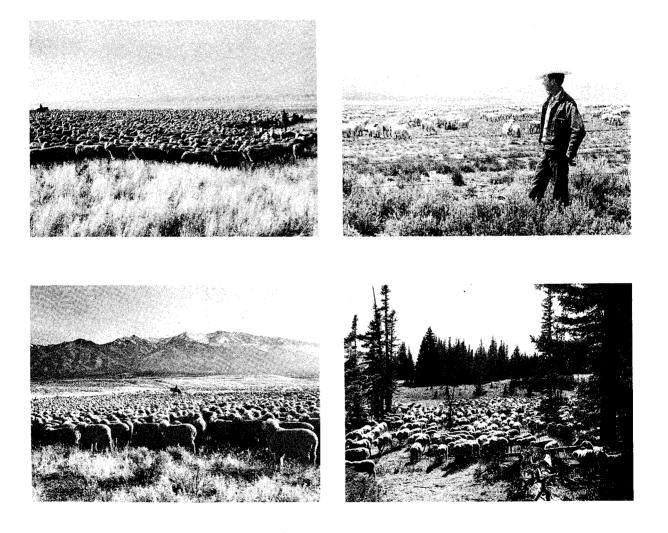
There are quite a few farm flocks in Utah, but most sheep in the State are in range sheep operations. A substantial portion of these range sheep operations are headquartered in the central portion of the State. Most of the large sheep ranches rely heavily on public domain for grazing and move their sheep 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 in western Utah and eastern Nevada. Some operations in eastern Utah, which move their sheep into Colorado for summer ranges, winter them on lower ranges in eastern Utah.

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 660,000 stock sheep on January 1, 1975 were about one-fourth of the 1901 and 1931 peak numbers. Utah is the fourth ranking State in stock sheep numbers, and is the Nation's largest migratory sheep producer.

Inventory, January 1, 1975: The January 1, 1975 all-sheep inventory for Utah, at 697,000 head, was down 10 percent from a year earlier and the smallest in 90 years. The reduction occurred in both stock sheep--from 722,000 to 660,000--and lambs on feed--from 50,000 to 37,000. All classes of stock sheep except wether and ram lambs were down substantially. The number of ewes one year old and over, at 558,000 was down 9 percent while ewe lambs at 79,000 were down 5 percent. Wethers and rams of all ages totaled 23,000 head compared with 24,000 on January 1, 1974.

Wool Production, 1974: The 1974 wool crop for Utah was estimated at 7,255,000 pounds, grease basis. This was 7 percent less than the 1973 clip and smallest since estimates started in 1909. The number of sheep shorn in 1974 totaled 728,000 compared with 774,000 in 1973. Weight per

fleece averaged 10.0 pounds, the same as a year before. The 10.0 pound average in 1974 was equal to or larger than all years prior to 1972. Prices received by sheepmen for wool sold in 1974 averaged 59 cents a pound, grease basis, compared with 78 cents in 1973 and 26 cents in 1972.



	Farms			Sheep on	Farms J	anuary 1		
Veer	with	A	11 Sheep		S	tock Shee	р	Sheep
Year		Number	Va	lue	Number	Farm V	on	
[]	Sheep	Hamber	Per Head	Total	Number	Per Head	Total	Feed
		1,000		1,000	1,000		1,000	1,000
		Head	Dollars	Dollars	Head	Dollars	Dollars	Head
1001 1/					0 000	0 70	7 701	
$1901 \ 1/$					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	•	772	39.50	30,494	722			50
1975		697	38.50	26,835	660			37
		·····	1 01				· · · · · ·	

i

á

ï

. I . M

7

j,

Ì

a.

Sheep:	Number	of Sh	eep Farm	з,	1965,	1970-74	; and	Number	and	Value of Sheep c	n
	Farms,	Utah,	January	1,	1901,	1931,	1940,	1950,	1960,	1965, 1970-75.	

 $\frac{1}{\text{All Sheep Inventory.}}$ 2/ Record high January 1 All Sheep Inventory.

Stock Sheep:	Inventory by Classes,	Utah, January 1,	1940, 1950, 1960,
	1965, 1970-75.		

	A11	Lam	bs	Shee	o One Year a	and Over	
Year	Stock Sheep	Ewes	Wethers & Rams	Ewes	Rams	Wethers	Rams & Wethers
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Head	Head	Head	Head	Head	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
					<u></u>		

Sheep and Lambs:

Inventory Numbers, Lamb Crop and Disposition, Utah, 1931, 1940, 1950, 1960, 1965, 1970-74

	1950, 1960, 1965, 1970-74.										
	Inven-			Market	ing <u>1</u> /	77	Dea	ths	Inven-		
Year	tory Begin- ning	Lambs Saved	Inship- ments	Sheep	Lambs	Farm Slaugh- ter <u>2</u> /	Sheep	Lambs	tory End of		
	of Year 1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	Year 1,000		
	Head	Head	Head	Head	Head	Head	Head	Head	Head		
	·····		<u></u> -			·					
1931 <u>3</u> /	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	7 59	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		
1972	905	635	60	99	551	9	84	85	772		
1973	772	578	50	75	462	6	72	88	697		

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

		1970-74.							
	Produc-	Market-	Price 100 Pc	-	Value of	Cash	Value of	0	Cost
Year	tion <u>1</u> /	ing <u>2</u> /	Sheep	Lambs	Produc- tion	Re- ceipts <u>3</u> /	Home Consump- tion	Gross Income	_of Inship- ments
	1,000	1,000			1,000	1,000	1,000	1,000	1,000
	Pounds	Pounds	<u>Dollars</u>	<u>Dollars</u>	\$\$	\$	\$	\$	\$
1931 <u>4</u> /	-	90,122	3.55	5.10		4,372	126	4,498	255
1940	,	76,550	3.35	7.50		5,201	147	5,348	234
1950	,	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	

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. $\underline{3}$ / Receipt from marketings and sale of farm slaughter. $\underline{4}$ / Record high January 1 Sheep Inventory.

Sheep and Lambs: Production and Income, Utah, 1931, 1940, 1950, 1960, 1965,

1070 7/

	Breeding Ewes	Lambs	Saved 1/
Year	One Year and Older January 1	Number	As Percent of Ewes One Year and Older
	1,000 Head	1,000 Head	Percent
1930 <u>2</u> / 1940 1950 1960 1965	2,170 1,706 1,066 1,065 876	1,736 1,365 895 927 745	80 80 84 87 85
1970 1971 1972 1973 1974	821 780 758 713 615	780 710 713 635 578	95 91 94 89 94

Lamb Crop: Utah, 1930, 1940, 1950, 1960, 1965, 1970-74.

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, 1970-74.

1

â

Year	All Sheep	Weight	Shorn Wool	Average Price	Value
	Shorn <u>1</u> /	per Fleece	Production	per Pound <u>2</u> /	<u>3</u> /
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1931 <u>4</u> /	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

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, 1965-74, and monthly 1973-74.

Year	Number $1/$	Average Liveweight	Total		
	1 000 Ites 4	per Head	Liveweight		
	1,000 Head	Pounds	1,000 Pounds		
.944 <u>2</u> /	106.2				
.950	155.0	101	15,682		
960	307.4	102	31,476		
1965	860.5	105	90,586		
1966	826.0	107	-		
967	914.5		88,721		
1968		106	97,189		
	890.0	108	95,876		
969	829.5	107	88,466		
1970	847.0	106	89,400		
L971	632.5	106	67,098		
L972	517.0	109	56,207		
1973	359.8	111	40,093		
1974	345.3	109	37,507		
1973					
Jan	20 F	1 1 1	2 + C		
	28.5	111	3,164		
Feb	23.3	113	2,633		
Mar	20.0	116	2,320		
Apr	16.9	112	1,893		
Мау	37.0	125	4,625		
June	24.2	114	2,759		
July	35.5	111 .	3,940		
Aug	43.0	108	4,644		
Sep	52.0	104	5,408		
Oct	41.0	109	4,469		
Nov	21.0	109	2,289		
Dec	17.4	112	1,949		
1974					
Jan	20.1	110	0 011		
Feb	16.4		2,211		
		111	1,820		
Mar	37.0	110	4,070		
Apr	29.0	110	3,190		
May	24.7	109	2,692		
June	22.3	106	2,364		
July	28.0	110	3,080		
Aug	32.0	110	3,520		
Sep	53.0	107	5,671		
0ct	31.5	108	3,402		
Nov	24.8	108	2,678		
	26.5	106	2,809		

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 1.3 percent of the total cash receipts of farmers in 1974. The 1969 U. S. Census showed hogs in all counties, but the heaviest concentration was in the Salt Lake-Utah County area. Only 1,554 farms reported hogs in the 1969 census compared with 2,633 in the 1964 census.

ż

3

4-1-2

ŝ

December 1, 1974 Inventory: As of December 1, 1974 there were 41,000 head of hogs and pigs on Utah farms, 1,000 less than a year earlier. Of the total, 6,000 were being kept for breeding and 35,000 were classified as market hogs and pigs. January 1 hog numbers reached a peak in 1944 when 196,000 were on Utah farms--nearly 5 times the current level.

<u>1974 Pig Crop</u>: The 1974 pig crop for Utah was estimated at 67,000 pigs saved, 20 percent of the 1943 peak. This was 1,000 less than in 1973 but 5,000 more than 1972. The December 1973-May 1974 pig crop totaled 35,000 head, same as a year earlier. Litter size for spring sows averaged 7.5 pigs compared with 7.7 a year earlier. The June-November 1974 pig crop was 32,000 head, 1,000 less than 1973. Pigs per fall litter averaged 7.2 compared with 6.9 a year earlier.

		ng Pig Cro	P = /	гат	. Pig Crop	Total Pig Crop		
Year	Sows Farrow- ing	Pigs per Litter	Pigs Saved	Sows Farrow- ing	Pigs per Litter	Pigs Saved	Spring an Sows Far- rowing	
	1,000 Head	Head	1,000 Head	1,000 Head	Head	1,000 Head	1,000 Head	1,000 <u>Head</u>
.940	16.0	6.0	96	10.0	6.8	68	26.0	164
.943 <u>3</u> /	28.0	6.4	179	23.0	6.6	152	51.0	331
.950	10.0	6.4	64	7.0	6.9	48	17.0	112
.960		6.7	39	6.2	7.3	45	12.0	84
	5.0	7.0	35	5.0	6.9	34	10.0	69
	4.8	7.1	34	4.6	7.2	33	9.4	67
971 972	5.0	7.2 7.0	36 32	5.2	7.3 7.1	38 30	10.2 8.8	74 62
L973	4.6	7.7	35	4.8	6.9	33	9.4	68
L974	4.6	7.5	35	4.5	7.2	32	9.1	67

Pig Crop: Sows Farrowing and Pigs Saved, Utah, 1940, 1943, 1950, 1960, 1965, 1970-74

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

Hogs and Pigs: Number of Hog Farms, 1965-74 and Number and Value of Hogs on Farms, Utah, January 1, 1940, 1944, 1950, 1960, 1965, and 1969; December 1, 1969-74.

F	arms		Нод	S			
	Number			Value			
Year	with	Date	Number	Per Head	Total		
	Hogs						
			1,000 Head	Dollars	1,000 Dollars		
		- 1 1010	105	<i>(()</i>	0.05		
		Jan. 1, 1940	125	6.60	825		
		Jan. 1, 1944 <u>1</u> /		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		
1/ Reco	rd high Ja	nuary 1 Hog and	Pig Inventory	· •			

Hogs: Inventory by Classes and Weight Groups, Utah, Dec. 1, 1965-74.

				Mar	ket Hogs	& Pigs b	y Weight	Group
Year	Total	Breeding	Market	Under	60-119	120-179	180-219	220+
				60 Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Head	Head	Head	Head	Head	Head	Head
1965	39	6	33	12	8	6	6	1
1966		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

·······		1905, 19	/0 /4.				
Year	Inventory Beginning of Year	Annual Pig Crop	Inship- ments	Market- ings <u>1</u> /	Farm Slaught- er <u>2</u> /	Deaths	Inventory End of Year
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Head	Head	Head	Head	Head	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

Hogs and Pigs: Inventory, Supply, and Disposition, Utah, 1940, 1944, 1950, 1960, 1965, 1970-74.

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

ģ

4.2

First,

Hogs and I	Pigs: Pro	duction a	nd Income	, Utah, 19	940, 1944		960, 1965	, 1970-74.
Year	Produc- tion <u>1</u> /	Market- ings <u>2</u> /	Price per 100 Lbs.	Value of Produc- tion	Cash Receipts <u>3</u> /	Value of Home Consump- tion	Gross Income	Cost of Inship- ments
	1,000	1,000		1,000	1,000	1,000	1,000	1,000
	Pounds	Pounds	<u>Dollars</u>	Dollars	Dollars	Dollars	<u>Dollars</u>	Dollars
1940 1944		27,800 46,995	5.70 12.80		1,734 6,345	268 592	2,002 6,937	22 72
1950		18,687	12.80		3,779	544	4,323	20
1960 1965		13,676 12,942	15.70 20.20	2,608 2,895	2,210 2,614	331 264	2,541 2,878	14 16
1970 1971		12,697 13,876	22.40 16.40	3,150 2,508	2,844 2,276	269 208	3,113 2,484	
1972	. 15,093	14,898	22.90	3,456	3,412	275	3,687	
1973 1974	-	14,491 12,578	35.90 33.20	5,598 4,885	5,202 4,176	430 718	5,632 4,894	
1/ Adjusti	ments made	for insh	ipments a	nd change	s in inve	ntories.	2/ Exclu	des inter-

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, 1970-74 and monthly 1973-74.

 Year
 Number 1/
 Average Liveweight
 Total

 Image: Number 1/
 Average Liveweight
 Total

 1,000 Head
 Pounds
 1,000 Pounds

 1944 2/....
 258.2
 -

 1950.....
 246.7
 228
 56,259

 1960......
 306.4
 227
 69,695

	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
1909	1/0.4		50,071
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
1973		011	1 200
Jan	6.3	211	1,329
Feb	5.9	235	1,386
Mar	6.1	209	1,275
Apr	5.2	216	1,123
Мау	5.9	217	1,280
June	5.3	210	1,113
July	4.9	213	1,044
Aug	4.6	215	989
Sep	5.2	209	1,087
Oct	5.6	216	1,210
Nov	6.1	214	1,305
Dec	5.8	212	1,230
1974			
Jan	6.5	210	1,365
Feb	5.6	212	1,187
Mar	6.1	211	1,287
Apr	6.7	215	1,440
May	7.7	215	1,656
June	6.6	215	1,419
July	6.4	193	1,235
Aug	6.8	217	1,476
Sep	6.3	217	1,367
Oct	6.7	210	1,407
Nov	6.3	215	1,354
Dec	6.8	213	1,448
			a set the set of a set of a set of the set o

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

÷.

H (1) (1) (1) (1)

4

10.10

i

4

2

Dairy

Paul J. Stuart, Agricultural Statistician

Dairying led all other agricultural enterprises in Utah in cash receipts during 1974. Record high milk prices the first few months of the year and relatively high prices the rest of the year in addition to record milk production pushed cash receipts from milk up to 75 million in 1974, up 24 percent from 1973. In contrast, cattle cash receipts dropped 35 percent as prices declined sharply. 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 five top milk producing counties -- Cache, Box Elder, Utah, Weber, and Salt Lake -are located. Plants making butter, cheese, and dry and condensed 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.

<u>Milk Production</u>: Utah milk production during 1974 totaled a record 922 million pounds, 5 percent above the previous record in 1972 and 6 percent above 1973. Monthly totals varied from a low of 65 million pounds in February to a high of 85 million pounds in July. The 1974 average production per cow, at 11,821 pounds, was the highest annual average ever attained in the State. It was more than double that in 1940 and fifth highest among the 50 States. The milk cow population for the State averaged 78,000 head during 1974, up 4,000 from 1973 but far below the 117,000 cows in the peak years 1944 and 1945.

Milk from Utah farms sold to plants in 1974 totaled 860 million pounds, of which 73 percent was A grade and 27 percent manufacturing grade. Considerable surplus grade A milk was used for manufacturing, however. In addition, 39 million pounds of whole milk were retailed directly to consumers. Farm uses (fed to calves and human consumption) totaled 23 million pounds.

For the milk sold to plants, Utah farmers received an average of \$8.35 per cwt. for grade A milk, \$7.50 for manufacturing grade milk, and \$8.10 for all milk. These were the highest prices ever received. For the 39 million pounds retailed by Utah farmers in 1974, they received an average of \$13.02 per cwt., 28 cents per quart. Gross farm income from dairy products in 1974 reached 76.0 million dollars, highest ever and up 24 percent from 1973.

<u>Manufactured Dairy Products</u>: Utah butter, cheese, and other products are nationally known for their fine quality. They are marketed in all areas of the United States. <u>Butter</u> production, at 7.4 million pounds in 1974, was down 3 percent from 1973 and the smallest since 1968. Record high was 11.8 million pounds attained in 1937. Manufacture of cheese has been literally exploding in Utah in recent years. Production in 1974, in million pounds, was 44.5 for American; 18.4 for Swiss; 62.9 for all whole milk cheese-largest ever and up 18 percent from 1973. This was 14 times the 1940 production of only 4.5 million pounds. Creamed cottage cheese production totaled 9.8 million pounds in 1974, down 8 percent from the 1973 record high.

Nonfat <u>dry milk</u> for human food totaled 2.9 million pounds in 1974, up 69 percent from the 1973 low but still only one-fourth of the peak year 1969. However, <u>dry whey</u> production rose to a record high 26.7 million pounds, up 18 percent from 1973. Dry whey is a by-product of cheese making; hence, shares Utah's sharp increase in cheese production.

<u>Ice cream</u> production totaled 5.8 million gallons in 1974, largest ever and 8 percent above 1973. <u>Ice milk</u> production was 3.1 million gallons in 1974, up 4 percent from 1973 and nearly equalling the 1972 record. Of this total, 1.3 million gallons or 42 percent was in hard form and 1.8 million gallons or 58 percent in soft form. Sherbet production in 1974 was 421,000 gallons, fifth largest ever but down 4 percent from 1973. All ice cream and sherbet is frozen in hard form in Utah.

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Tota1
Milk Cows	(Thous	sand 3	Head)										
1971	80	80	80	80	80	80	80	80	80	80	80	79	1/80
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
Milk Per C	ow (Po	ounds)										
1971	840	790	999	900	950	940	940	910	860	850	800	830	10500
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	870	985	1000	1075	1045	1060	1000	960	960	910	935	11821
Milk Produ	ced (1	Milli	on Po	unds)									
1971	67	63	72	72	76	75	75	73	69	68	64	66	840
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	65	75	77	84	83	85	81	78	77	73	74	922

Milk Cows and Milk Production by Months, Utah, 1971-74.

1/ Average for year.

	Farma		Production of Milk and Milkfat							
Year	Farms with	Number of milk cows	ws o		Percentage of fat in	Total				
	milk cows	on farms			all milk produced	Milk	Milkfat			
						Million	Million			
	1,000	1,000	Pounds	Pounds	Percent	Pounds	Pounds			
1940 1950 1960 1965	6.2	96 100 94 80	5,730 6,550 8,130 9,200	215 246 297 330	3.75 3.75 3.65 3.59	550 655 764 736	21 25 28 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 <u>1</u> /.	2.6	78	11,821	431	3.65	922	34			

1

ģ

j,

Mod 1000

ú

9

9. C. . C. .

å

W. J. Land

Milk Cows and Production of Milk and Milkfat on Farms, Utah, 1940, 1950, 1960, 1965, 1970-74.

1/ Record high annual milk production.

	Milk u	used on far	ms where p	roduced	M	ilk markete	d by farme:	rs
Year	Fed to Calves	Consumed as fluid milk and cream	Used for farm- churned butter	Total		o plants ealers As farm- separated cream	Sold directly to consumers	Total
	Million	Million	Million	Million	Million	Million	Million	Million
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1940 1950 1960 1965	17 22 18 10	61 51 33 27	25 13 5 1	103 86 56 38	296 515 675 655	116 26 11 4	35 28 22 39	447 569 708 698
1970	9 9	18 17		27	740 775	2 2	50 37	792 814
1972	9	17		26	805	1	42	848
1973	9	16		25	805		36	841
1974	8	15		23	860		39	899

62

	Mi	lk sold t	o plant	s	Cream s	sold to	plants	Milk sold directly		
		and deal	ers		and dealers			to consumers		
Year	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			1,000	1,000		1,000	Million		1,000
	Pounds	Percent	Dol.	Dollars .	Pounds	Cents	<u>Dollars</u>	Quarts	Cents	<u>Dollars</u>
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				18	28.0	5,079

¹ Milk and Cream Marketed by Farmers: Quality, Price and Cash Receipts, Utah, 1940, 1950, 1960, 1965, 1970-74.

Farm Dairy Products: Marketings, Income, and Value, Utah, 1940, 1950, 1960, 1965, 1970-74.

	Combined	marketing		and cream		or milk,	Gross	Farm
		Average returns		Cash		nd butter	farm	value
Year	Milk	Per 100	Per	receipts		ns where	income	of
	utilized	pounds	pound	from		luced	from	milk
		milk	milkfat	marketings	Milk	Value	dairy	produced
	Md 11 d am	L <i>l</i>		<u> </u>	utilized	1 000	products	· · · · · · · · · · · · · · · · · · ·
	Million			1,000	Million	1,000	1,000	1,000
	Pounds	Dollars	Dollars	Dollars	Pounds	Dollars	Dollars	Dollars
1010		1 50						0 (0 0
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	7.08	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	899	8.31	2.28	74,739	15	1,246	75,985	76,618

Year	Butter	Ame	rican Chee	Swiss Cheese	Total Whole Milk	
		Cheddar	Other	A11	- Cheese	Cheese
	1,000	1,000	1,000	1,000	1,000	1,000
	Pounds	Pounds	Pounds	Pounds	Pounds	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
L		- <u></u>				

Butter and Cheese: Production, Utah, 1940, 1950, 1960, 1965, 1970-74.

à

3

111

à

Í

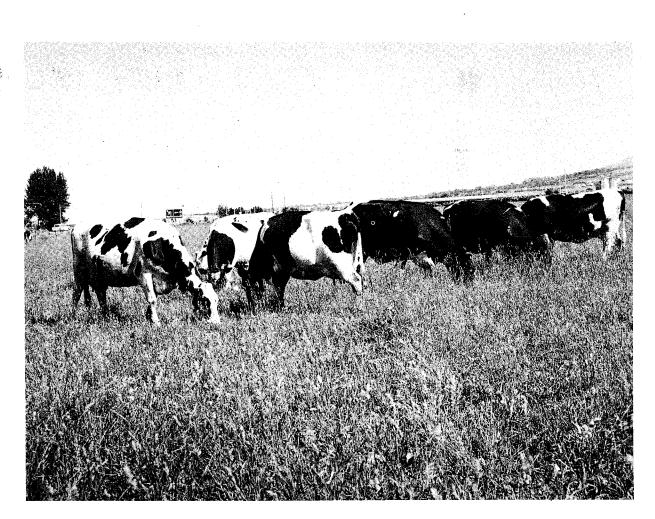
Cottage Cheese and Dry and Condensed Products: Production, Utah, 1940, 1950, 1960, 1965, 1970-74.

Year -	Cottage	e Cheese	Nonfat	Dry	Evap Whole Milk		ondensed -Bulk
Tear	Curd	Creamed	Dry Milk	Whey	Case Goods	Skim	Whole
	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1940	670	966	5,794		52,671		
1950	2,476	3,563	4,877		59,958		
1960	4,796	7,458	9,234		43,084	361	2,325
1965	4,817	8,032	8,049	4,426	49,443	2,192	3,592
1970	5,236	8,795	8,504	12,190	352	8,538	0
1971	5,700	9,376	7,721	14,602	246	6,188	0
1972	6,293	10,126	4,676	19,971	206	5,769	0
1973	· -	/10,673	1,747	22,629	236	1,172	0
1974	6,020	<u>1</u> •/9,829	2,945	26,679	295	778	0

1/ Includes any low fat production.

Frozen Products: Production, Utah, 1940, 1950, 1960, 1965, 1970-74.

	Ice		Ice Milk		Sherbet	Water
Year	Cream All Hard	Hard	Soft	Total	All Hard	Ices
	1,000	1,000	1,000	1,000	1,000	1,000
	Gallons	Gallons	Gallons	Gallons	Gallons	<u>Gallons</u>
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



65

Chickens & Eggs

Paul J. Stuart, 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 1,159 Utah farms with hens and pullets of laying age about January 1, 1970 (9 percent of all farms) compared with 18,231 farms with chickens four months and older January 1, 1945 (69 percent of all farms). This exodus of small producers has continued. On December 1, 1974, there were 23 farms which accounted for 88 percent of the State's laying flock. These large operations are mostly in Salt Lake and Utah Counties and most of the remaining laying flocks are in other Wasatch Front counties.

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

December 1 Inventory: Egg type chickens on Utah farms December 1, 1974 were estimated at 1,339,000 hens and pullets of laying age, 453,000 pullets not yet layers, 4,000 male chickens, and 1,796,000 total chickens. Hens and pullets of laying age were down 3 percent and pullets not yet layers were down 7 percent from December 1, 1973. The all chicken population on December 1, 1974 was about half the peak count of 3,494,000 on January 1, 1944.

12.19

ġ

]

<u>Chickens Raised</u>: The number of chickens raised (excluding commercial broilers) during 1974 totaled 1,024,000 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 1974, there were 895,000 birds or 3.5 million pounds live weight sold. Price averaged 6.0 cents a pound--half the 1973 price--for a return of \$209,000.

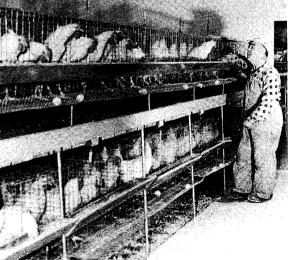
Egg Production: In 1974, Utah's laying flock averaged 1,369,000 birds. They produced 311 million eggs or an average of 227 per layer--a 62.2 percent rate of lay. Layers and egg production were each up 2 percent from 1973 while rate of lay was unchanged. Historically, this was the largest laying flock and the largest egg production since 1960. 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.

In 1974, Utah farmers sold 310 million eggs at an average price of 46.3 cents per dozen, second highest price since 1951. Cash receipts from egg sales totaled 12.0 million dollars in 1974 compared with 12.4 million dollars in 1973 and 6.8 in 1972. The record high of 16.6 million was in 1951. Chicks Hatched: In 1974, Utah hatcheries hatched 1,316,000 egg type chicks and 175,000 broiler chicks. Egg type chick production was down 27 percent from 1973 and was the smallest in many years. Of the 1,316,000 egg type chicks hatched in 1974, half were cockrels, most of which were destroyed. There have been no commercial broilers raised in Utah since 1970, so the 175,000 broiler chicks hatched were sold in small lots to farm and nonfarm families for home freezer supply.

	Annual	Totals			Monthly 7		
Year			Month	19	73	19	74
lear	Egg	Broiler	Monten	Egg	Broiler	Egg	Broiler
	Туре	Туре		Туре	Туре	Туре	Туре
	1,000	1,000	<u></u>	1,000	1,000	1,000	1,000
1961	1,990	2,010	Jan	64	0	39	0
1962	1,783	1,891	Feb	142	0	151	2
1963	1,446	1,798	Mar	371	6	153	31
1964	1,420	1,811	Apr	299	14	287	53
1965	1,494	2,596	May	104	30	105	65
1966	1,768	2,557	Jun	65	22	38	24
1967	1,525	1,613	Jul	166	14	136	0
1968	1,610	1,401	Aug	188	8	90	0
1969	1,537	1,730	Sep	29	0	155	0
1970		963	0ct	107	0	121	0
1971		78	Nov	252	0	30	0
1972	2,051	108	Dec	26	0	11	0
1973	1,813	94					
1974	1,316	175	Total	1,813	94	1,316	175

Chicks Hatched: Utah, 1961-74 annual and 1973-74 by months.





·			the second secon	0, 1970, D	····				
			Hens &	Pullets	Pullets			Total Chic	ckens
D D	Date	e	Pullets	3 Mo. &	Under	Other		Val	lue
			of Lay-	OverNot	3	Chickens	Number	Average	Tota1
			ing Age	Laying	Months			inverage	10241
									1,000
			1,000	1,000	1,000	1,000	1,000	Dollars	•
			<u> </u>						
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	$\frac{\frac{3}{3}}{\frac{3}{3}}$	$\frac{\frac{4}{4}}{\frac{4}{4}}$	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. Dec. Dec. Dec. Dec.	1, 1, 1, 1, 1, 1,	1969 1970 1971 1972 1973	1,332 1,182 1,312 1,292 1,380	190 218 194 136 255	219 327 255 272 233	10 10 11 2 3	1,751 1,737 1,772 1,702 1,871	1.20 1.10 1.10 1.30 1.45	2,101 1,911 1,949 2,213 2,713

Chicken Inventory 1/: Number and Value, Utah, January 1, 1940, 1944, 1950, 1960, 1965, 1970, December 1, 1969-74.

 $\frac{1}{2}$ Excludes commercial broilers. $\frac{2}{2}$ Record high January 1 chicken inventory. $\frac{3}{2}$ Included with hens and pullets. $\frac{4}{2}$ Included in hens and pullets and in other chickens. 7

111

Chickens 1/: Inventory Numbers, Number Raised, and Disposition, Utah, 1940, 1950, 1960, 1965, 1970-74.

· · · · · · · · · · · · · · · · · · ·			05, 1970-					
	All Chickens			Home		All Chickens	Pro	duced
						. F		
Year	on Hand	Lost	Raised	Consump-	Sold	on Hand		
2/	Beginning			tion		End	Number	Weight
	of Year					of Year		
	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	Head	Head	Head	Head	Head	Head	Head	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
1070	1 7 5 1	200	0()		620	1 7 7 7	662	2,336
1970	-	200	862	38	638	1,737		
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

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

Year	Sold	Home Consump- tion	Price per Pound	Value of Pro- duction	Cash Receipts	Value of Home Con- sumption	Gross Income
	1,000	1,000		1,000	1,000	1,000	1,000
	Pounds	Pounds	Cents	<u>Dollars</u>	Dollars	Dollars	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

Chickens 1/: Disposition, Cash Receipts, and Gross Income, Utah, 1940, 1950, 1960, 1965, 1970-74.

1/ Excludes commercial broilers.

Chickens Including Broilers: Production and Income, Utah, 1940, 1950, 1960, 1965, 1970-74.

		Broi	lers		Total Ch	nickens & E	Broilers
Year	Number Produced	Pounds _. Produced	Price per Pound	Gross Income	Pounds Sold	Price per Pound	Value of Sales
	1,000	1,000	Cents	1,000 Dollars	1,000	Cents	1,000 Dollars
1940 1950 1960 1965	. 700 . 1,846	2,170 6,276 8,668	29.0 19.3 17.3	629 1,211 1,500	6,132 16,062 10,450 10,768	11.0 21.8 14.9 14.9	675 3,505 1,553 1,605
1970 1971 1972 1973 1974	· ·	4,583 	17.0 	779 	7,135 3,040 2,691 2,769 3,491	12.3 4.0 5.6 12.0 6.0	881 122 151 332 209

	Average	Eggs Pro	duced
Year	Number Layers	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

Egg Production: Layers and Eggs Produced, Utah, 1940, 1944, 1950, 1960, 1965, 1970-74.

1/ Record high layers and eggs produced.

Year	Eggs Produced	Home Consump- tion	Eggs Sold	Price per Dozen	Cash Receipts	Value of Home Consump- tion	Gross Income
	Millions	Millions	Millions	Cents	1,000 Dollars	1,000 Dollars	1,000 Dollars
1940 1950 1960 1965	425 307	39 32 13 8	230 393 294 233	18.7 39.5 34.9 33.1	3,584 12,936 8,550 6,427	592 1,053 378 221	4,176 13,989 8,928 6,648
1970 1971 1972 1973 1974	287 295 306	4 3 2 2 1	267 284 293 304 310	36.0 23.9 27.8 48.9 46.3	8,010 5,656 6,788 12,388 11,961	120 60 46 82 39	8,130 5,716 6,834 12,470 12,000

Eggs: Production, Disposition, and Income, Utah, 1940, 1950, 1960, 1965, 1970-74.

i.

j

1

101

1

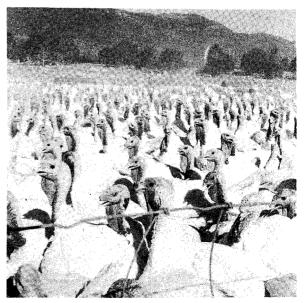
Turkeys

Paul J. Stuart, Agricultural Statistician

Turkey production is a major agricultural industry in Utah. In 1974, turkeys ranked third in cash receipts in the State -- exceeded only by dairy and cattle. Utah dropped from ninth to eleventh among the States in pounds of turkey produced in 1974. 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 counties growing turkeys in Utah are: Box Elder, Cache, Weber, Davis, Salt Lake, Utah, Sevier, and Washington. Utah processing plants are located in Ogden, Salt Lake City, Moroni, and Salina. Nearly all turkeys raised in Utah are killed for market by Christmas each year.

There were 3,471,000 turkeys raised in Utah during 1974, down 15 percent from the record 1973 crop and smallest since 1969. High feed costs and declining turkey prices caused growers to cut back substantially. Production totaled 77.1 million pounds liveweight, down 16 percent. This was also smallest since 1969. The preliminary liveweight price to the grower was estimated at 29.0 cents a pound for 1974 turkeys compared with 43.0 cents in 1973 and 21.5 in 1972. Even though the 1974 price was second highest in recent years, feed costs were relatively higher. Gross income from sales totaled 22.3 million dollars in 1974 compared with the record high of 39.3 million in 1973 and 1970-72 average of 19.3. Utah hatcheries hatched 3,759,000 turkey poults in 1974 -- down 16 percent from the 1973 record high and 10 percent below the 1970-72 average. All poults hatched in Utah were placed on Utah farms. Poult placements are mostly completed by the end of June and the average raising time is six months. There were 45,000 breeder hens on Utah farms on December 1, 1974 compared with 50,000 a year earlier and 39,000 on December 1, 1972.





	Poult Ha	tcheries	Heavy	Breed Turkey	Poults Ha	tched
Year	Jan. 1	Turkey	Annual	Mon	thly Total	s
- Cur	Number	Egg Capacity	Total	Month	1973	1974
	<u></u>	1,000	1,000		1,000	1,000
1960			2,164	Jan	315	346
				Feb	640	585
1965			2,486	Mar	741	788
1966			3,010	Apr	791	788
1967			3,451	May	935	601
1968			3,046			
1969			3,232	Jun	596	296
				Jul	271	150
1970			4,193	Aug	17	59
1971	6	1,480	4,122	Sep	0	132
1972	5	1,280	4,181	Oct	47	14
1973	5	1,280	4,460			
1974			3,759	Nov	0	0
1975	5	1,180	,	Dec	107	0
				Total	4,460	3,759

Turkey Poult Hatcheries and Number Poults Hatched: Hatcheries, Utah, 1971-75; Utah Number Hatched Annually in 1960, 1965-74, and Monthly in 1973 and 1974. 3

j

ġ

j

) g

n an

j

÷.

4

Turkeys:	Production	and	Gross	Income,	Utah,	1940,	1950.,	1960,	1965,	1970-74.
----------	------------	-----	-------	---------	-------	-------	--------	-------	-------	----------

Year		Raised		Produced	Per	Gross
icui	Heavy	Light	Total	- I Toudeed	Pound	Income <u>1</u> /
	1,000	1,000	1,000	1,000		1,000
	Head	Head	Head	Pounds	Cents	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

 $\frac{1}{1}$ Includes home consumption, less than 1% of production. $\frac{2}{1}$ Record high turkeys raised.

Mink

Paul J. Stuart, Agricultural Statistician

Mink pelt production in Utah increased 11 percent in 1974, which was a reversal of the downward trend since estimates started in 1969. However, females bred to produce kits in 1975 were down 4 percent so a resumption of the downward trend in pelts is indicated. Pelt production in 1974 totaled 315,000 compared with 283,000 in 1974 and 439,000 five years earlier. There were 99,000 females bred to produce kits in 1975 compared with 103,000 in 1974 and 134,000 in 1970.

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 1969-74 and Females Bred 1970-75, Utah and U.S.

		UTAH			_United States		
Year	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	1,211	3,128	905	
1975			99			870	

Mink: Pelts Produced in 1973 and 1974, and Females Bred for 1974 and 1975 in Utah.

Color Class	M	ink Pelts Prod	uced		ink Females B to Produce Ki	
	1973	1974	1974 as % 1973	1974	1975	1975 as <u>%</u> 1974
Standard	126,000	125,000	99	47,600	52,700	111
Pastel	102,000	107,000	105	31,500	23,800	76
Pale Brown	670	640	96	100	100	100
Sapphire	12,000	9,400	78	4,900	3,200	65
Gunmetal	500	270	54	<u>1</u> /	50	
Platinum	900	1,800	200	1/	230	
Pearl	23,400	27,200	116	$\frac{1}{9,500}$	10,000	105
Lavender-Hope	1/	1,000			450	
Violet Type	$16, \overline{4}00$	22,100	135	8, <u>3</u> 00	8,300	100
White	250	350	140	<u>1</u> /	150	
Pink 2/		390			100	
Demi-Buff 2/		19,100				
Miscellaneous		790				
Total	283,000	315,000	111	103,000	99,000	96
Mink Ranches	218	198	91			

1/ Included in totals to avoid disclosing individual operations. 2/ Estimated as separate color class beginning in 1974. Included in Pale Brown, Pastel, and Standard classes in previous years.

Honey

Ronald A. Sadler, Agricultural Statistician

There was increased interest in bees in 1974 because of the record high honey price. 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 2,000 in 1974. 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. There were 1,620,000 pounds produced in 1974. Honey prices have increased sharply in recent years -- from an average of 13.1 cents a pound in 1967 to 57.5 cents in 1974. Total value of 1974 honey was \$932,000 and beeswax added another \$32,000. 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, alfalfa growers are cutting their hay at early bloom or even prebloom and thus deprive bees of a major nectar plant. Second, increased use of pesticides by farmers, weed control crews, and others are either killing bees directly or destroying their food source. Finally, adverse spring 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.

110

÷.

	Colonies		Hone	≥у		В	leeswax	
Year	of	Produc	tion	Va1	ue	Pro-	Val	ue
Tear	Bees	Per Colony	Total	Per Pound	Total	duction	Per Pound	Total
	1,000		1,000		1,000	1,000		1,000
	Colonies	Pounds	Pounds	Cents	Dollars	Pounds	Cents	Dollars
1936 <u>1</u> / 1940 1950 1960 1965	53 49 52	60 45 51 34 44	4,680 2,385 2,499 1,768 2,200	3.6 11.0 15.6 15.0	86 275 276 330	49 47 35 79 44	36.0 44.0 42.0 42.0 44.0	18 21 15 33 19
1970 1971 1972 1973 1974	48 47 43	36 30 37 27 36	1,800 1,440 1,739 1,161 1,620	18.1 21.4 33.0 49.1 57.5	326 308 574 570 932	32 27 31 17 29	53.0 57.0 59.0 65.0 111.0	17 15 18 11 32

Honey & Beeswax: Number of Colonies, Production, Average Price and Value, Utah, 1936, 1940, 1950, 1960, 1965, 1970-74.

1/ Record high number of colonies of bees.

Farm Labor

Paul J. Stuart, Agricultural Statistician

Farm Workers: During 1974, the farm labor force in Utah ranged from a seasonal low of 12,000 in January and February to a seasonal high of 28,000 in June and averaged 20,000 for the year compared with 21,000 in 1973. The number of hired workers varied from a winter low of 2,000 to a summer high of 10,000 while family worker numbers varied from 10,000 to 18,000. Included in these totals are all hired workers and farm operators who do work during the survey period plus unpaid family workers who work 15 hours or more during the survey week. The survey period during each month includes the last full calendar week of that month.

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 1975 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: Wages paid to hired workers on Utah farms have also followed the National trend by showing a sustained increase over the 1966-74 period. Cash wages received by workers hired by the hour without board or room have moved from \$1.39 in 1966 to \$2.24 in 1974--a 61 percent rise. Workers under other hiring arrangements received increases ranging from 55 to 57 percent. Causes for the increased wages were changes in minimum wage legislation, competition from nonfarm industries, and the general inflation which has occurred.



	Per M	lonth	Per Day	Per Hour
Year	With	With Board	Without Board	Without Board
	House	and Room	or Room	or Room
	Dollars	Dollars	Dollars	Dollars
1966	280.00	230.00	11.00	1.39
1967	278.00	235.00	11.10	1.44
1968	308.00	250.00	11.90	1.50
1969	328.00	257.00	12.60	1.59
1970	337.00	267.00	12.90	1.68
1971	356.00	290.00	13.60	1.77
1972	362.00	287.00	13.50	1.83
1973	393.00	312.00	15.20	2.00
1974	437.00	357.00	17.30	2.24
L				

Farm Wage Rates, Annual Average, Utah, 1966-74.

Farm Workers: Number on Farms, by Months, Utah, 1968-74.

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
	-					- 1,0	- 000					-	
ĺ					То	+a1 W	lorker	G					
1968	14	14	20	22	28	31	34	31	36	27	21	17	25
1969	14	15	20	23	27	30	32	32	34	26	20	17	25
1970	14	15	19	22	26	29	31	31	34	23	18	16	23
1971	14	15	17	20	25	29	29	30	30	23	17	16	22
1972	14	15	18	20	22	25	26	27	26	22	16	14	20
1973	13	13	15	19	23	26	26	27	29	23	18	15	21
1974	12	12	16	22	24	28	25	26	22	22	16	14	20
					Fai	nily	Worke	rs 1/					
1968	12	12	15	17	20	22	22	21	24	18	17	15	18
1969	12	12	15	17	19	20	22	21	23	18	16	15	18
1970	12	12	15	17	19	20	21	20	23	17	15	14	17
1971	12	12	13	16	18	19	20	19	21	17	15	14	16
1972	11	12	14	16	16	16	18	18	20	17	14	13	15
1973	11	11	12	15	17	18	19	20	22	17	15	13	16
1974	10	10	13	16	18	18	18	16	17	16	14	12	15
					Hi	red W	orker	s 2/					
1968	2	2	5	5	8	9	12	10	12	9	4	2	7
1969	2	3	5	6	8	10	10	11	11	8	4	2	7
1970	2	3	4	5	7	9	10	11	11	6	3	2	6
1971	2	3	4	4	, 7	10	9	11	- 9	6	2	2	6
1972	3	3	. 4	4	6	9	8	9	6	5	2	1	5
1973	2	2	3	4	6	8	7	7	7	6	3	2	5
1974	2	2	3	6	6	10	, 7	10	5	6	2	2	5
$\frac{1}{1}$ Trelue													

tala.htt

Ĵ.

ij

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.

Agricultural Prices

Ronald A. Sadler, 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.

1960 1	75 1.76 64 1.67 37 1.38	1.79 1.67	WHEAT 1.79 1.69	(Dolla 1.80	<u>rs per</u> 1.80	Bushe	1)				
1960 1	.64 1.67	1.67					<u> </u>				
1960 1	.64 1.67	1.67		1.80	1 80						
1960 1			1 69		T.00	1.85	1.83	1.82	1.84	1.81	1.81
1	.37 1.38	1 00	1.09	1.69	1.67	1.65	1.62	1.63	1.65	1.66	1.70
1965 1		1.38	1.39	1.38	1.40	1.39	1.38	1.35	1.36	1.36	1.38
1966 1	.41 1.41	1.40	1.40	1.40	1.43	1.59	1.62	1.61	1.61	1.62	1.66
1967 1	64 1.58	1.61	1.61	1.60	1.61	1.55	1.37	1.34	1.38	1.41	1.41
1968 1	.41 1.43	1.45	1.42	1.41	1.41	1.30	1.18	1.15	1.20	1.24	1.28
1969 1		1.35	1.35	1.35	1.39	1.31	1.26	1.28	1.31	1.32	1.35
1970 1		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	L.42 1.4	5 1.48	1.47	1.48	1.42	1.45	1.47	1.57	1.61	1.70	1.84
1973 1		2.19	2.17	2.22	2.39	2.51	3.67	3.87	3.87	4.05	4.28
1974 4	.88 5.2	5.01	3.99	3.54	3.69	3.94	3.83	4.01	4.36	4.41	4.36

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
				BARLEY	(Doll	ars pe	er Bush	el)	<u></u>			
1950 1960 1965	1.09 1.02 1.12	1.07 1.00 1.12	1.13 1.00 1.13	1.08 1.00 1.12	1.08 1.00 1.13	1.11 1.02 1.13	1.18 .98 1.13	1.12 .98 1.05	1.14 .98 1.04	1.11 1.00 1.05	1.11 1.00 1.05	1.18 1.01 1.07
1966 1967 1968 1969 1970	1.09 1.18 1.05 1.05 1.10	1.13 1.18 1.06 1.07 1.10	1.12 1.18 1.07 1.11 1.09	1.13 1.17 1.10 1.11 1.04	1.12 1.17 1.10 1.11 1.03	1.10 1.18 1.07 1.14 1.05	1.11 1.16 1.04 1.08 1.01	1.11 1.03 .96 1.04 .98	1.11 1.00 .97 1.04 .99	1.13 1.00 .97 1.05 1.04	1.16 1.00 .99 1.05 1.07	1.18 1.00 1.02 1.07 1.12
1971 1972 1973 1974	1.13 1.15 1.50 2.48	1.16 1.21 1.60 2.50	1.16 1.21 1.62 2.65	1.17 1.22 1.58 2.49	1.20 1.22 1.62 2.34	1.28 1.14 1.71 2.42	1.16 1.14 1.76 2.46	1.08 1.15 2.17 2.72	1.09 1.22 2.27 2.89	1.08 1.22 2.34 3.04	1.10 1.30 2.24 3.13	1.15 1.34 2.30 3.24
			Ī	DRY BEA	NS (Do	llars	per Cw	<i>it.</i>)				
1950 1960 1965	6.50 7.00 9.00	6.50 7.30 9.10	6.70 7.30 9.30	6.70 7.30 9.30	6.50 7.50 9.20	6.30 7.50 9.20	6.50 7.50 15.00	6.60 14.00	6.30 7.00 7.00	6.30 7.50 9.00	6.30 7.00 9.00	6.50 7.00 8.60
1966 1967 1968 1969 1970	8.40 5.90 8.00 6.50 7.50	7.80 5.90 8.10 6.40 8.00	7.50 6.30 8.40 6.50 9.00	7.40 6.30 8.60 6.40 9.50	7.20 6.10 8.70 6.40 9.80	7.20 6.00 8.70 6.30 10.80	7.00 7.50 8.70 6.50 11.80	7.00 7.50 8.40 6.50 11.50	7.00 7.50 6.90 6.30 7.00	6.50 7.70 6.00 7.00 8.00	6.00 7.90 6.50 7.50 7.80	5.90 8.00 6.60 7.20 7.80
1971 1972 1973 1974	8.10	8.00 10.50 7.90 49.10	8.00 10.90 8.00 55.60	8.00		11.00	9.00 10.50 11.00 35.00		9.30 12.00	9.00 20.00	10.00 9.00 24.00 33.10	8.80 26.00
				POT.A.	IOES (I	Dollars	s per (Cwt.)				
1950 1960 1965	2.50 2.75 3.75	2.25 2.70 3.70	2.25 3.25 3.95	2.25 3.55 5.10	2.40 3.65 5.40		2.40	1.85 2.10 	2.10 2.30 1.90	1.65 2.55 1.90	1.65 2.65 2.20	1.60 2.25 2.20
1966 1967 1968 1969 1970	2.25 3.10 2.00 2.60 2.60	2.40 2.85 1.90 2.90 2.80	2.45 2.85 1.80 3.10 2.90	2.45 2.50 2.35 3.10 3.00	2.40 2.50 4.00 3.30 3.20			2.50 2.40	1.90 2.25 2.00 2.90 2.30	2.60 2.15 2.80 2.10 2.60	2.90 2.00 3.00 2.30 2.60	2.75 2.00 2.60 2.30 2.40
1971 1972 1973 1974	2.40 2.00 2.70 2.90	2.10 2.00 3.80 3.55	2.20 1.90 5.00 4.20	2.10 1.80 5.00 5.00	2.60 1.80 6.00		 	2.60 5.00 3.70	2.10 2.90 3.20 3.70	2.60 2.70 2.70 3.65	2.20 2.40 2.70 3.55	1.90 2.50 2.90 3.75

1

Party of

đ

1

100

- Contra

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
			ALFALF	A HAY,	BALED) (Doll	ars pe	er Ton)	_			
1950 1960 1965	27.00	27.50	26.50	26.50	18.80 26.70 24.00	26.70	26.40	26.40	27.00	27.00	28.00	
1966 1967 1968 1969 1970	29.50 23.00 23.00	28.50 23.00 24.00	29.00 21.50 24.00	28.00 22.00 24.00	25.00 29.00 21.50 25.50 25.50	27.00 22.00 23.50	25.00 21.00 23.00	23.00 20.50 23.00	22.00 21.00 23.50	22.50 21.00 24.00	22.50 21.50 25.00	22.50 22.50 25.00
1971 1972 1973 1974	35.00 39.00	37.00 41.50	36.50 42.50	35.00 42.00	29.00 33.00 41.00 46.00	33.00 36.50	33.00 36.00	33.50 37.50	33.50 38.50	34.50 39.50	35.50 41.50	38.50 43.50
			ALL	HAY, 1	BALED	(Dollar	s per	Ton)				
1950 1960 1965	26.20	26.80	25.70	25.70	18.30 25.70 23.50	26.00	25.50	25.60	26.40	26.50	27.40	27.80
1966 1967 1968 1969 1970	28.80 22.50 22.60	27.90 22.50 23.60	28.40 21.50 23.70	27.50 21.50 23.60	24.50 28.50 21.30 25.00 25.00	26.50 21.80 23.00	24.50 20.90 22.60	22.50 20.30 22.70	22.00 20.70 23.20	22.00 20.80 23.60	22.00 21.20 24.50	22.00 22.10 24.50
1971 1972 1973 1974	34.00 38.00	36.20 40.50	35.70 41.50	34.20 41.00	28.20 32.00 40.00 45.50	32.00 36.50	32.00 35.00	32.70 36.50	32.70 37.50	33.70 39.00	34.70 41.00	37.60 42.50
			ALFA	ALFA S	EED (Do	ollars	per Co	wt.)				
1950 1960 1965	39.3 27.0 28.0	40.8 27.0 29.0	41.7 27.3 30.0	43.3 28.4 30.0	46.7 28.1 30.0	41.7	41.7	43.3 38.0	46.8	45.2 23.8 32.5	22.5	
1966 1967 1968 1969 1970	36.0 37.0 40.0 34.5 36.0	35.0 · 37.0 40.0 35.0 37.0	34.0 37.0 40.0 34.5 37.0	34.0 37.0 40.0 34.5 37.C	40.0 34.5 37.5		40.0 36.0 37.0	 	 35.0 	40.0 36.0 32.5 34.0	32.7 41.0 36.0 34.0 34.0	35.0 40.0 35.0 34.0 34.0
1971 1972 1973 1974	33.0 32.0 50.0 98.5	33.0 32.0 50.0 100.0	33.0 32.0 53.0 106.0	33.0 32.0 55.0 110.0	 	 	35.0 36.0 	 90.0	32.0 37.5 90.0 		32.0 48.0 105.0 72.0	48.0

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
		·	•	COWS	(Dolla	rs per	Cwt.)	<u> </u>	1	<u></u>	1	
						A		-				
1950	1/ 00	1/ 70	N O		Ava			10.00	10 50	10.10		10 70
1960 1965			16.00 13.10									
	10.00	12.00	10.10	12.00	13.00	13.00	T2.00	14.10	12.00	12.30	11.00	12.00
1966	14.00	16.00	17.50	17.50	17.40	17.00	16.50	17.00	17.00	16.20	15.00	14.80
1967			16.50									
1968			17.00									
1969 1970			18.70 22.50									
1770	20.00	21.00	22.00	21.00	21.30	20.90	20.70	20.10	19.90	10.40	17.70	10.10
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			24.90									
1973			31.00									
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
			STEERS	1. UFT	FFDC (Dollar	s per	$C_{1,2}$				
			SIEERS		FERD (DOTTAL	s per	<u>Uwl.)</u>				
1950			Nc	-		ila						
1960			22.30									
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
1966	21.40	22.90	25.00	23.80	23.40	23.70	22.70	22.30	23.10	22.30	21.00	22.00
1967	22.40	22.40	22.20	23.00	23.60	23.50	24.90	24.40	24.00	23.00	22.00	21.30
1968			25.00									1
1969			27.10									
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			33.50									
1973			46.00									
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
			BI	EF CAT	TLE (I)ollars	s per (Cwt.)				
1050	00.00	00.00	00 50	01 50	00.00	00.00	00 50	0/ 00	0/ 00	0/ 00	05 00	26.20
1950 1960			20.50 20.40									
1965			16.30									
1966			22.00									
1967			20.00 22.10									
1968 1969			22.10									
1970			28.70									
1077	01 70	07 (0	07 00	07 00	07 50	07 00	26 10	26 00	07 00	07 70	00 FA	20 00
1971 1972			27.00 30.90									
1972	-	-	41.70									
1974			38.30									
(

1

.

170

j.

two months and

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	₽		<u><u> </u></u>	ALVES	(Dolla	rs per	Cwt.)	-	↓	+	+ =····	±
1950 1960 1965	23.00 24.00 17.90	25.00	25.20	25.80	26.00	23.50	22.00	20.50	21.30	22.50	22.30	23.50
1966 1967 1968 1969 1970	29.00	25.30 26.00 30.30	25.50 28.00 30.00	25.20 28.60 31.50	24.20 28.50	24.20 28.20 33.00	24.40 28.00 31.50	24.50 28.50 30.20	23.90 28.10 29.60	23.90 27.90 31.30	25.50 28.00 32.00	25.00 28.50 32.60
1971 1972 1973 1974	40.00 49.00	41.00 51.00	42.00 56.00	40.50 55.00	34.80 41.50 55.00 42.70	42.00 55.50	42.50 55.00	42.50 63.00	44.60 58.50	48.40 58.50	46.50 54.00	46.50 49.00
			<u>S</u>	HEEP (Dollar	s per	Cwt.)					
1950 1960 1965	8.60 6.50 6.30	8.60 7.00 6.30	9.50 7.00 6.30	9.50 7.00 6.30	9.00 6.50 4.30	8.50 6.50 4.40	9.00 5.50 5.60	9.00 5.00 6.00	11.00 4.50 5.60	11.50 4.80 6.20	12.00 4.50 5.50	12.50 5.00 6.50
1966 1967 1968 1969 1970	7.50 5.80 5.50 6.20 7.60	8.00 6.00 5.80 7.50 7.60	8.00 6.00 6.00 7.60 7.70	8.00 6.00 6.50 7.40 8.20	7.00 6.50 6.50 7.40 7.50	6.00 5.50 6.30 6.90 8.30	5.50 5.00 6.40 6.90 8.50	5.50 5.50 5.80 7.50 8.00	5.00 5.30 5.70 7.50 7.50	5.00 5.60 6.20 7.00 6.50	5.50 5.50 6.00 7.20 6.00	6.00 5.50 6.50 7.80 6.00
1971 1972 1973 1974	5.00 5.60 7.50 14.40	4.90 6.00 8.60 17.20	6.00 6.80 9.50 13.10	6.00 6.30 9.00 14.20	5.50 7.30 9.00 12.50	5.50 6.70 9.00 10.20		5.50 6.20 16.00 12.60	5.50 6.00 14.50 10.80		6.00 6.40 12.80 10.10	6.40
]	LAMBS	(Dolla	rs per	Cwt.)					
1950 1960 1965	17.80	18.30	20.00	20.00	20.00	19.50	17.80	16.70	16.10	15.20	15.20	27.00 16.20 24.80
1966 1967 1968 1969 1970	22.30 21.60 24.90	18.70 22.00 26.80	19.50 24.00 27.30	19.50 25.00 27.50	25.50 25.50 28.10	25.50 23.80 27.00	23.50 23.60 27.90	23.00 23.60 26.50	22.70 23.70 27.00	22.50 23.70 28.40	22.20 23.90 27.20	22.00 22.70 23.70 26.50 21.50
1971 1972 1973 1974	25.50 31.80	27.00	26.80	25.50	27.20	28.60 36.40	30.30 33.90	29.00 41.30	28.00 28.90	27.30 31.10	27.20) 25.00) 28.00) 33.80) 34.70

Mid-Month Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

r		+		1	1	+		- p			· · · · · · · · · · · · · · · · · · ·	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
				HOGS	. (Doll	0160 0.0	er Cwt.	``	· • · · · · · · · · · · · · · · · · · ·			
				1000		ars pe	<u>CWL</u>	<u></u>				
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			15.50									
1965			17.30									
1966			24.30									
1967			17.90									
1968			18.20									
1969			19.70									
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			21.20									
1973			36.00									
1974			35.70									
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
1966	220	220	230	240	240	240	245	240	245	245	240	240
1967	250	240	245	250	240	240	250	250	260	255	260	260
1968	260	255	260	270	260	270	270	280	265	270	270	260
1969 1970	270 320	280 320	270 330	270 330	280	280 330	290 325	290	290	300	300 340	310 320
1970	520	520	220	330	330	220	325	315	310	320	540	520
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
				•								
			T	JRKEYS	(Cents	s per l	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
1000	00.0	0/ 0			05 0	<u></u>	a/	01 0	00.0	<u></u>	<u></u>	24.0
1966 1967	23.0 23.0	24.0	25.0 20.0	25.0 20.0	25.0 21.0	22.0 19.0	24.0 21.0	21.0 20.0	22.0 20.0	23.0 18.0	23.0 18.0	24.0 17.0
1967	15.0	21.0 17.0	20.0 19.0	18.0	21.0 19.0	19.0	21.0 19.0	20.0	20.0	21.0	21.0	20.0
1969	20.0	1/.U 	19.0		22.0	22.0	22.0	20.0	21.0	21.0	23.0	24.0
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

10.00

á

ź

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
			MI	LK, AL	L (Dol	lars p	er Cwt	.) <u>1</u> /				
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
1966	4.50	4.50	4.45	4.45	4.30	4.30	4.45	4.70	5.05	5.15	5.15	5.15
1967	5.15	5.05	4.90	4.75	4.70	4.60	4.60	4.70	4.90	5.00	5.10	5.20
1968	5.15	5.05	4.95	4.90	4.90	4.70	4.75	4.90	5.10	5.20	5.35	5.30
1969	5.30	5.30	5.15	5.10	5.00	4.85	4.90	5.00	5.25	5.45	5.55	5.65
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	5.70	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
			MILK,	FLUID	(Doll	ars pe	r Cwt.) <u>1/</u>				
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. 3 0	4.15	4.05	4.05	4.15	4.50	4.55	4.75	4.90
1966	4.85	4.90	4.85	4.85	4.65	4.65	4.85	5.10	5.45	5.50	5.50	5.45
1967	5.45	5.40	5.25	5.10	5.05	4.95	4.95	5.05	5.30	5.35	5.50	5.60
1968	5.55	5.50	5.35	5.35	5.40	5.15	5.20	5.35	5.55	5.65	5.85	5.80
1969	5.75	5.75	5.60	5.50	5.40	5.20	5.30	5.40	5.70	5.90	5.95	6.05
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
			MILK	K, MFG.	(Dol]	ars pe	er Cwt.) <u>1/</u>				
1950	3.25	3.15	3.00	2.90	2.75	2.75	2.75	2.85	2.90	3.05		3.25
1960	3.25	3.15	3.05	3.00	2.95	2.90	2.85	2.95	3.10	3.20		3.35
1965	3.30	3.25	3.20	3.15	3.10	3.10	3.15	3.15	3.30	3.35		3.50
1966	3.50	3.45	3.45	3.45	3.45	3.45	3.55	3.75	4.00	4.20	4.20	4.30
1967	4.30	4.10	4.05	4.00	3.95	3.90	3.85	3.85	3.95	4.05	4.00	4.15
1968	4.10	4.00	3.90	3.90	3.85	3.75	3.75	3.85	3.95	4.05	4.10	4.20
1969	4.20	4.15	4.15	4.15	4.10	4.10	4.10	4.10	4.20	4.35	4.50	4.60
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 1972 1973 1974	4.75 5.05 5.40 8.50	4.75 5.05 5.50 8.65	5.70		4.80 4.95 5.65 7.15			5.05 6.25	5.05 6.75	4.95 5.15 7.00 7.35	5.25 7.55	5.10 5.40 8.05 7.20

Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

1/ Average for the month.

Prices Received by Farmers, Utah, 1950, 1960, 1965-74.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
				EGGS (Cents	per Do	zen) <u>1</u>	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
1966	40	42	44	39	32	33	34	37	40	41	38	39
1967	39	34	31	28	26	25	26	28	29	27	26	30
1968	31	30	26	27	22	25	30	36	38	36	37	39
1969	41	38	38	34	27	25	32	32	38	38	47	52
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	51
ł			W	00L (C	ents p	er Pou	nd) <u>1</u> /					
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
1966	50	42	50	54	54	53	47	53	47	45	46	46
1967	44	45	44	40	40	43	42	39	42	39	37	34
1968	44	38	40	42	42	42	43	40	44	41	39	36
1969	44	42	45	43	43	43	46	41	42	39	42	39
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
l I												

i

ġ

1.1.14

1/ Average for the month.



1969 Census of Agriculture

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

How the 1969 Census of Agriculture Was Taken

The Mailing List-

ś

٩

During the last week of December 1969, the 1969 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 1969. The list included land owners, tenants, renters, sharecroppers, and hired managers, but excluded hired farm laborers.

The mailing list was assembled from various administrative records including names and addresses from the 1964 Census of Agriculture, the Internal Revenue Service, the Social Security Administration, and the Agricultural Stabilization and Conservation Service.

The Census Forms and Their Distribution-

A standard 12-page form was sent to all operators expected to have 1969 sales of all agricultural products of \$2,500 and over.

A four - page form went to a 50 percent sample of the operators whose 1969 sales were expected to total less than \$2,500. Data in the "All Farms" tables are, consequently, subject to a small sampling variation. Tables of sampling variation will be included in Volume 1.

Followup Procedures-

A series of followup letters brought response to well over the 90 percent level by July 1, 1970. At this point, field followup enumeration was conducted in 370 counties having low response rates to complete the collection of data for those counties.

To insure receiving reports from all large operations, telephone and field followup was started early in March. This work was continued until reports were obtained.

Comparability of Data-

"Farms", defined in the 1969 census exactly as in 1964, are 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 \$250.

Tables following are compiled from county reports of the 1969 U.S. Census of Agriculture for UTAH.

85

ſ			Land in	Farms	
		R		Average	 Irrigated
County	ALL	Farms	Total	per	Land
				Farm	
	1969	1964	1969	1969	
	Number	Number	Acres	Acres	Acres
Beaver	195	238	179,402	920	22,284
Box Elder	1,127	1,244	1,678,149	1,489	94,618
Cache	1,330	1,653	305,689	230	80,591
			-		
Carbon	140	270	382,021	2,729	12,344
Daggett	26	41	30,745	1,183	8,211
Davis	699	743	137,411	197	31,542
Duchesne	564	635	408,029	723	96,548
Emery	353	490	281,798	798	38,604
Garfield	204	267	194,434	953	17,972
Gallielu	204	207	194,494		17,972
Grand	39	74	164,339	4,214	2,277
Iron	368	368	536,720	1,458	44,878
Juab	236	253	204,219	865	14,307
Kane	127	128	229,385	1,806	4,208
Millard	647	777	515,289	796	81,160
Morgan	172	205	232,113	1,349	8,068
D I		105		0.00	10.050
Piute	117	125	44,406	380	13,353
Rich	168	204	614,270	3,656	47,168
Salt Lake	798	889	262,122	328	33,970
San Juan	180	231	491,057	2,728	6,796
Sanpete	790	811	529,070	670	57,764
Sevier	514	592	239,123	465	42,954
Summit	344	380	439,725	1,278	25,780
Tooele	190	245	480,971	2,531	13,771
Uintah	526	659	1,443,299	2,744	74,288
					-
Utah	1,733	2,312	565,391	326	78,974
Wasatch	238	288	215,716	906	17,443
Washington	296	491	259,498	877	12,883
Wayne	159	219	84,609	532	11,630
Weber	765	927	163,951	214	30,628
State Total	13,045	15,759	11,312,951	867	1,025,014

1.1

Farms and Farmland: Number and Acreage, by Counties, Utah, 1969.

Source: U. S. Census of Agriculture.

86

		0		10111 001	JT O LOUID	OTIT	101		× / , ,		
_	-										
nd	and	Land	in.	Forme	Accord	lina	to	Ilea	h	Counties	_ I H

Beaver..... 1,653,192 10.8 29,917 149,485 18,145 Box Elder..... 3,585,920 46.8 360,571 169,299 1,317,578 Cache..... 40.7 751,424 176,926 114,095 128,763 944.896 40.4 14,692 9,061 367,329 Carbon.... 4,871 Daggett.... 436,480 7.0 8,106 22,639 Davis..... 189,952 72.3 40,946 25,412 96,465 Duchesne..... 2,082,944 19.6 96,035 44,299 311,994 Emery..... 2,841,152 48,344 9.9 21,978 233,454 Garfield..... 3,301,120 5.9 23,714 10,368 170,720 Grand..... 2,356,480 7.0 161,207 3,132 1,921 Iron..... 2,112,000 25.4 65,973 37,040 470,747 Juab..... 2,183,552 126,944 9.4 77,275 24,882 Kane..... 2,498,560 11,215 2,321 218,170 9.2 Millard..... 4,347,264 11.9 151,319 85,348 363,970 Morgan.... 60.1 16,527 10,998 215,586 385,920 15,302 9,317 Piute.... 482,560 9.2 29,104 654,976 93.8 66,550 47,388 547,720 Rich....

53.6

10.0

51.8

19.4

37.2

10.9

50.3

43.9

28.3

16.7

5.3

44.1

Land: All Land and Land in Farms According to Use, by Counties, Utah, 1969.

Proportion

in Farms

Percent

Land Area

Total

Acres

County

Salt Lake.....

San Juan..... 4,932,480

Sanpete..... 1,022,144

Sevier..... 1,234,368

Summit..... 1,183,040

Tooele..... 4,430,592

Uintah..... 2,871,680

Utah..... 1,289,024

Wasatch..... 762,496

Washington..... 1,553,216

Wayne..... 1,591,232

Weber....

Source: U. S. Census of Agriculture.

State	Total5	52,540,672	21.5
1			

372,096

489,152

87

All Other

Land

Acres

192,707

399,758

431,041

186,803

401,507

441,328

425,404

195,600

225,848

66,967

119,261

9,368,375

1,350,276

Land in Farms According to Use

Harvested

39,447

42,605

48,148

32,744

22,275

15,886

38,965

83,629

12,885

14,311

9,521

27,316

1,024,475

Acres

Cropland

Total

Acres

69,415

91,299

98,029

52,320

38,218

39,643

93,023

139,987

20,116

33,650

17,642

44,690

1,944,576

	Market	Value of All Agric	ultural Produ	cts Sold
County		0		Livestock,
	Total	Crops Including	Forest	Poultry, and
		Nursery Products	Products	Their Products
	Dollars	Dollars	Dollars	Dollars
			······································	
Beaver	4,056,409	726,308		3,330,101
Box Elder	22,583,169	7,965,383	5,760	14,612,026
Cache	20,654,628	3,247,707	8,549	17,398,372
Carbon	1 010 710	467 655	500	1 442 555
Carbon	1,910,710	467,655	000	1,442,555
Daggett	316,656	25,217		291,439
Davis	10,087,322	3,026,452		7,060,870
Duchesne	6,257,616	484,951	200	5,772,465
Emery	2,629,268	299,578	200	2,329,490
Garfield	1,720,043	94,432		1,625,611
			500	
Grand	534,556	39,650	500	494,406
Iron	7,037,670	2,325,487	7,600	4,704,583
Juab	2,172,858	450,291		1,722,567
Kane	1,041,035	36,724	1,290	1,003,021
Millard	12,062,725	2,650,060	200	9,412,465
Morgan	3,048,493	131,521		2,916,972
Piute	1 201 500	151 644	1 000	1 228 044
Rich	1,381,588 3,925,079	151,644 275,202	1,000	1,228,944 3,641,646
Salt Lake	14,546,696	-	8,231 750	10,731,824
Dalt Lake	14, 940, 090	3,814,122	750	10,751,024
San Juan	3,184,342	1,002,741	1,147	2,180,454
Sanpete	17,986,970	926,069	695	17,060,206
Sevier	11,368,140	1,050,624	112	10,317,404
Summit	6,055,441	215,113	225	5,840,103
Tooele	2,686,042	261,167	220	2,424,875
Uintah	6,365,757	<u>1</u> /	1 /	5,961,476
	0,000,707	<u> </u>	1/	5,901,470
Utah	26,363,102	5,814,881	1,228	20,546,993
Wasatch	3,536,865	174,338		3,362,527
Washington	5,147,003	644,842	823	4,501,338
Wayne	1,463,384	120,542		1,342,842
Weber	12,853,314	1,745,896		1,342,842
	12,000,014	T, 147,070		11,107,410
State Total	212,976,881	38,557,481	54,407	174,364,993
L	·	-	-	

Sales: Value of Agricultural Products Sold by Counties, Utah, 1969.

Source: U. S. Census of Agriculture.

 $\underline{1}$ / Data withheld to avoid disclosure of information for individual farms.

Value of Farms and Expenses: by Counties, Utah, 1969.

	Value of Land a	and Buildings	Machinery and	
County			Equipment	Farm
o o un hy	All Farms	Average	Market	Production
	Total	per Farm	Value	Expenses
	Dollars	Dollars	Dollars	Dollars
Beaver	15,463,285	79,298	2,283,930	3,333,502
	-			
Box Elder	114,691,201	101,766	15,855,617	18,627,792
Cache	75,452,818	56,731	12,331,102	17,098,092
Carbon	11,965,188	85,465	1,345,720	1,710,815
Daggett	2,756,892	106,034	240,700	258,213
Davis	57,727,274	82,585	5,223,209	8,934,163
Duchorne				
Duchesne	35,223,979	62,453	4,883,387	5,349,788
Emery	17,215,983	48,770	2,619,868	2,195,167
Garfield	12,192,972	59,769	1,339,195	1,584,258
Grand	7,962,237	204,159	274,701	495,621
Iron	40,991,362	111,389	3,983,442	5,650,386
Juab	14,216,386	60,238	2,075,720	2,060,854
Kane	11,705,616	92,170	825,090	910,418
Millard	45,771,204	70,743	7,684,863	11,038,104
Morgan	18,799,940	109,301	1,497,405	2,143,480
Piute	6,628,919	56,657	1,211,808	1,164,935
Rich	24,915,840	148,308	2,572,302	3,089,667
Salt Lake	93,049,716	116,603	7,204,866	12,084,258
bart hake	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110,005	7,204,000	12,004,200
San Juan	21,193,577	117,742	2,403,406	2,271,533
Sanpete	36,071,577	45,660	6,200,051	15,779,087
Sevier	27,456,244	53,416	4,924,563	9,538,620
 Summit	40,480,176	117,674	2,651,545	4,850,810
Tooele	28,144,975	148,131	1,868,650	2,656,421
	64,147,065		4,362,318	5,764,522
Uintah	04,147,000	121,952	4,002,010	5,704,522
Utah	110,407,888	63,709	13,999,566	23,296,900
Wasatch	22,813,728	95,856	1,978,878	2,893,140
Washington	22,602,396	76,359	2,063,199	4,035,532
Wayne	7,741,377	48,687	1,334,318	1,237,430
Weber		67,933	6,249,630	11,069,061
WeDer	JI, 707, 2JI	07,700	0,249,030	TT,009,001
State Total	1,039,759,066	79,705	121,489,049	181,122,569
Source: U. S. C		1		······································

Country	All F	arms	Farms	with Sales of	of \$2500 a	nd Over
County	A11 W	heat	Winter	Wheat	Spring	Wheat
	Acres	Bushels	Acres	Bushels	Acres	Bushels
Beaver	1,230	75,849	1,105	70,294	120	5,480
Box Elder	78,573	1,813,137	72,176	1,585,681	3,239	137,010
Cache	27,510	774,755	20,555	566,605	4,940	147,858
Carbon	515	23,915	132	6,060	258	11,444
Daggett						
Davis	2,084	88,237	1,062	39,039	591	30,020
Duchesne	1,191	70,423	749	50,930	397	17,681
Emery	1,652	72,845	666	32,899	728	30,847
Garfield	355	15,484	224	11,080	99	3,724
Grand Iron Juab	112 3,384 11,686	1,514 149,923 200,879	112 2,971 10,306	1,514 130,588 169,464	 304 308	15,330 9,757
Kane	28	1,230			<u>1</u> /	<u>1</u> /
Millard	16,143	483,320	13,525	391,878	1,450	63,807
Morgan	1,218	31,055	387	8,984	676	19,100
Piute	80	2,730	41	1,410	32	1,040
Rich	5,042	103,249	4,312	90,352	558	10,877
Salt Lake	13,498	454,035	11,461	349,421	1,302	71,453
San Juan	22,153	463,503	20,964	441,949	90	1,831
Sanpete	4,538	157,137	2,191	60,765	1,812	78,163
Sevier	1,330	76,206	522	31,755	710	39,408
Summit	564	13,741	320	6,932	176	5,272
Tooele	4,217	85,294	3,516	72,346	48	2,665
Uintah	1,310	43,629	542	19,015	<u>1</u> /	<u>1</u> /
Utah	14,095	451,527	52	343,400	1,367	69,192
Wasatch	187	6,882		1,225	124	5,182
Washington	4,756	64,046		59,659	35	1,080
Wayne	35	1,375	14	415	19	860
Weber	2,223	88,688	1,325	47,856	387	19,656
State Total	219,709	5,814,608	185,505	4,591,516	20,386	818,755

ź

.

Wheat for Grain: Acreage and Production, by Counties, Utah, 1969.

Source: U. S. Census of Agriculture.

 $\underline{1}/$ Data withheld to avoid disclosure of information for individual farms.

All Farms Farms with Sales of \$2500 and Over Field Corn Silage, County Oats for Grain Barley for Grain For Grain Fodder or Grazed Acres Bushels Bushels Acres Bushels Acres Acres 953 307 15,498 1,232 68,861 Beaver.... ------------Box Elder.... 170 14,244 7,112 1,513 68,635 23,148 1,059,851 434 20,906 6,357 870 54,029 21,550 1,051,608 Cache..... 694 584 31,300 271 12,775 Carbon..... 12 714 2,750 50 Daggett..... ___ 1 90 Davis..... 28,646 3,360 186 13,085 1,442 85,329 333 763 52,708 1,780 63,141 2,480 171,556 Duchesne.... 1,159 551 29,916 Emery..... 326 28,110 1,102 1,785 95,621 Garfield.... 5 210 110 340 22,003 232 12,174 54 3,350 33 750 Grand.... 14 -----2,097 454,593 332 20,079 6,713 Iron..... 321 18,550 336 16,925 1,228 65,103 Juab..... ----____ 371 28 74 2,249 23 1,340 Kane..... --------37,705 12,387 790,486 1,856 3,092 607 Millard..... 26 18,858 1,002 61,017 Morgan..... 124 276 ___ ___ 12,488 34,435 Piute.... 76 246 541 ___ ___ 99 8,562 2,063 84,974 Rich..... -----103 ------12,842 3,984 257,873 Salt Lake.... 57 7,570 1,573 229 San Juan.... 14,195 16,509 ----___ 12 371 891 Sanpete..... 22 905 943 902 58,648 6,375 413,043 459,631 38,840 6,006 Sevier..... 202 18,383 1,585 568 78,182 91 20,115 1,387 Summit..... ___ 414 Tooele..... 6 180 59 233 10,568 1,393 59,233 38,774 1,223 73,153 3,173 170,105 Uintah..... 560 1,642 6,276 766,981 1,207 89,131 12,375 2,595 259,233 Utah.... 1,124 68,580 Wasatch.... 20 175 9,839 --Washington... 3 140 200 23 1,600 1,566 101,198 86,709 9,860 1,406 Wayne..... 170 ___ ---------188 20,511 4,107 576 35,428 2,400 124,301 Weber.... 6,077 514,990 43,900 14,820 855,237 116,993 6,589,113 State Total..

Feed Grains: Acreage and Production, by Counties, Utah, 1969.

		Farms		s with Sales	of \$2500	and Over
County		(excluding	1	and Alfalfa	Alfal	fa Seed
		um Hay)		es for Hay		
	<u>Acres</u>	Tons	Acres	Tons	Acres	Pounds
Beaver	14,062	51,373	11,988	46,076		
Box Elder	38,988	122,850	30,821	106,250	3,161	218,132
Cache	49,891	147,791	40,125	126,290	571	60,070
Carbon	5,294	14,246	4,167	11,817.	6	300
Daggett	4,820	6,948	2,633	4,510		
Davis	11,708	40,373	7,401	29,851		
Duchesne	36,231	89,590	22,505	61,189	286	22,034
Emery	15,254	41,418	11,490	34,143	200	1/
Garfield	9,254	23,863	6,484	17,916		
Grand	1,425	4,737	1,101	3,863		
Iron	20,147	72,154	17,743	66,053		
Juab	10,167	24,544	6,057	17,111	854	134,252
Kane	2,067	5,462	1,433	4,064		
Millard	40,692	130,737	37,510	124,623	14,264	1,993,649
Morgan	8,512	18,283	5,517	13,798		
Piute	8,148	24,177	6,227	20,262		
Rich	39,962	54,182	7,860	17,511		
Salt Lake	13,864	48,531	9,148	38,149		
San Juan	4,399	9,047	2,764	6,842		
Sanpete	33,575	94,559	23,583	74,229	90	14,500
Sevier	20,288	81,406	17,561	73,566	135	18,950
Summit	19,696	46,985	9,816	26,778		***
Tooele	9,628	27,192	6,877	22,035	5	700
Vintah	30,087	70,738	19,489	51,348	42	5,600
Utah	31,606	111,132	20,904	81,686	222	15,215
Wasatch	11,223	30,903	7,635	22,905		·
Washington	5,803	24,341	4,534	20,642		
Wayne	7,667	23,839	6,509	21,562		
Weber	13,180	45,098	8,422	31,806	60	985
State Total	517,638	1,486,499	358,304	1,176,875	19,896	2,544,387

Ĵ

- 17 T

N - 14

Ţ

All over the

j

Hay and Alfalfa Seed: Acreage and Production, by Counties, Utah, 1969.

 $\underline{1}$ / Data withheld to avoid disclosure of information for individual farms.

¢

Potatoes, Sugar Beets, and Dry Beans: Acreage and Production, by Counties, Utah, 1969.

		Farms w	vith Sales	of \$2500 ar	nd Over	
County	Pota	atoes	Sugar 1 for S		Dry	Beans
	Acres	Cwt.	Acres	Tons	Acres	<u>Cwt.</u>
Beaver	313	55,415				
Box Elder	158	23,835	10,808	192,834		
Cache	114	21,532	2,214	33,049		
Carbon	21	2,754	1,462	25,163		
Daggett	1	100	-			
Davis	655	127,429	2,081	41,698		
Duchesne	10	1,108				
Emery	1	140				
Garfield	99	16,530				
Grand	9	324				
Iron	3,305	665,752	. ––			
Juab	2	450				
Kane	5	500				
Millard	14	2,050	267	2,833		
Morgan	8	1,310				
Piute	176	34,750				
Rich	1	14				
Salt Lake	14	2,117	3,466	72,494		
San Juan	8	687			14,221	71,619
Sanpete	81	6,925	673	9,012		
Sevier	63	9,950	1,854	30,733		
Summit						
Tooele	8	1,261				
Uintah	4	530				
Utah	180	25,865	4,152	73,136		
Wasatch						
Washington	443	79,194				tong, nya
Wayne	175	28,191				·
Weber	200	32,359	1,666	33,693		
All Other			543	8,247	197	694
State Total	<u>1</u> /6,065	1,141,072	29,186	522,892	14,418	72,313

Source: U. S. Census of Agriculture.

 $\underline{1}$ / County acreages do not add to published State total.

	Number Fa	arms <u>1</u> /	Acres in (Acres in Orchards $1/$		
County	1969	1964	1969	1964		
Beaver						
Box Elder	113	170	2,041	2,027		
Cache	31	55	281	267		
	51		201	207		
Carbon	4	30	11	44		
Daggett						
Davis	83	152	714	887		
		201	, _ ,			
Duchesne	10	35	19	40		
Emery	11	38	55	161		
Garfield	6	33	11	72		
	-					
Grand	2	22	63	129		
Iron	8	9	15	15		
Juab	7	16	54	56		
Kane	9	25	57	36		
Millard	5	21	8	20		
Morgan		2		3		
Piute		1		1		
Rich						
Salt Lake	36	103	307	502		
San Juan	5	6	9	7		
Sanpete	4	6	2	13		
Sevier	3	11	9	17		
Summit		<u> </u>				
Tooele	1	15	1	21		
Uintah	13	35	18	39		
	10		TO	55		
Utah	447	653	6,484	6,521		
Wasatch	4	4	8	6		
Washington	51	244	284	799		
		- · ·				
Wayne	9	10	60	58		
Weber	66	123	764	789		
State Total	928	1,819	11,275	12,530		

1

Υ.

Orchards: Number and Acres, by Counties, Utah, 1969 and 1964.

Source: U. S. Census of Agriculture.

1/ "Land in orchards" includes land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees of all ages, including land on which the fruit crop failed. It does not include acres in abandoned plantings or data for places with less than 20 fruit or nut trees.

Apples and Peaches:	Number Trees and Production by Counties, Utah, 1969.	
	Farms with Sales of \$2500 and Over	

			with Sales	of \$2500		
County		Apples			Peaches	
ocuncy	Number		Harvested			Harvested
······································	All Ages	Bearing	Pounds	All Ages	Bearing	Pounds
				•		
Beaver				—		
Box Elder	19,253	10,962	1,838,950	80,973	66,966	3,496,713
Cache	3,608	3,194	471,000	1,437	1,272	98,134
		-,	· · ·		,	
Carbon	500	20	2,000	112	102	12,000
Daggett			·			
Davis	7,514	2,701	139,230	10,324	8,990	726,621
		2				-
Duchesne	706	650	48,350	196	108	14,233
Emery	2,194	1,299	73,400	441	434	17,400
Garfield	400	290	12,220	25	10	600
Grand	2,415	1,765	43,000	640	540	5,000
Iron	16	16	9,000	455	355	4,250
Juab	915	725	202,884	1,470	1,120	12,500
Kane	2,140	2,140	173,500	132	132	14,400
Millard	136	136	4,000	50	50	
Morgan			_ →			
Piute						
Rich						
Salt Lake	4,683	4,098	596,513	4,125	3,228	292,458
San Juan						
Sanpete	÷					
Sevier						
Summit						
Tooele	20	15	400	18	14	400
Uintah	432	369	26,770	162	95	540
	1			(0.0 7 (0.014.071
Utah	156,643	118,369	18,727,965	60,976	48,915	2,946,271
Wasatch						
Washington	2,485	2,145	61,400	3,959	2,948	194,744
1.7	007	700	E1 000	000	507	21 716
Wayne	884	782	51,280	992	596	34,746
Weber	2,637	1,653	93,108	11,531	11,431	927,698
Chata Tabal	207 501	1 5 1 2 2 2	22 574 070	170 010	1/7 204	0 700 700
State Total	207,581	151,329	22,574,970	178,018	147,306	8,798,708
Source: U. S. C				·····		

Source: U. S. Census of Agriculture.

7

j.

2

4

5

i

а 1**4**

1010

 $\mathbf{S}_{ij} = (1,1,1,1,1)$

ï

1

4

Ĵ

			with Sales	of \$2500 and Over			
County		Pears	T		Apricots	·	
	Number	- <u>-</u>	Harvested		Trees	Harveste	
	All Ages	Bearing	Pounds	All Ages	Bearing	Tóns	
D							
Beaver							
Box Elder	5,312	4,642	219,033	13,666	13,391	386	
Cache	1,240	1,240	60,267				
Carbon	10	10			_ -		
Daggett							
Davis	482	264	14,600	2,406	2,008	98	
	402	204	14,000	2,400	2,000	20	
Duchesne	122	122	8,100				
Emery	405	400	112,800				
Garfield	10	5	200				
Grand							
Iron	60	60	15,000				
	00	00	15,000				
Juab							
Kane							
Millard	36	36	300				
Morgan							
Piute							
Rich							
Salt Lake	2,680	2,585	161,870	581	542	6	
Dalt Lake	2,000	2,000	101,070	201	542	0	
San Juan							
Sanpete							
Sevier							
Summit							
Tooele	28	28	400				
Uintah	20 64	64	2,000	93	93	6	
UIIILaII	04	04	2,000	55	22	C	
Utah	60,104	56 , 606	4,829,562	1,059	960	78	
Wasatch							
Washington	737	737	57,357	736	706	29	
Wayne	382	298	29,350	1,020	1,020	24	
Weber	2,667	2,640	60,313	6,978	6,862	526	
MEDET	2,007	2,040	00,010	0,770	0,002	520	
All Other				212	177	14	
State Total	74,339	69,737	5,571,152	26,751	25,759	1,167	

Pears and Apricots: Number Trees and Production by Counties, Utah, 1969.

	Farms with Sales of \$2500 and OverCountyTartSweet							
County	Tart				·····			
	Number	Trees	Harvested		Trees	Harvested		
	All Ages	Bearing	Pounds	All Ages	Bearing	Pounds		
Beaver								
Box Elder	36,288	31,683	2,521,388	18,942	15,349	1,059,158		
Cache	3,983	3,611	95,771	933	933	41,730		
Carbon								
Daggett								
Davis	1,725	1,425	177,428	18,858	14,362	321,994		
Duchesne								
Emery	8	6	400	9	9	400		
Garfield								
Grand								
Iron		<u> </u>		20	20			
Juab				855	402	79,700		
Kane				15	15	2,000		
Millard						·		
Morgan								
Piute								
Rich								
Salt Lake				566	509	12,858		
San Juan								
Sanpete								
Sevier								
Summit								
Tooele				12	12	400		
Uintah	13	13	286	6	5	90		
Utah	80,503	58.398	4,550,995	69,050	57.185	1,854,518		
Wasatch			, ,	•	,			
Washington				1,312	568	42,000		
Wayne				198	142	9,781		
Weber	20,813	13,921	967,872	8,425	7,965	261,332		
State Total	143,360	109,057	8,314,140	119,201	97,476	3,685,961		

Cherries: Number Trees and Production by Counties, Utah, 1969.

Source: U. S. Census of Agriculture.

97

	All Farms			Farms with Sales of \$2500 & Over			
	Farms		Cows and that Have		······································	Heifers	Bulls and
County	Report-	Cattle			Cattle	and	Steers
	ing	and	A11	Milk	and	Heifer	Includ-
	Cattle	Calves	AII	Cows	Calves	Calves	ing
) <u></u>	L <u> </u>			L	·		Calves
	Number	Number	Number	Number	Number	Number	Number
Beaver	154	24,001	12,194	3,706	23,171	4,509	6,770
Box Elder	645	71,907	33,636	7,568	70,285	18,817	18,597
Cache	890	54,303	22,604	15,911	51,090	15,156	14,490
Carbon	85	9,384	5,967	143	8,330	1,595	1,419
Daggett	21	3,079	2,070	15	3,029	514	465
Davis	343	27,799	9,687	2,531	25,634	6,776	9,854
Duchesne	478	40,031	22,253	3,673	38,195	8,760	8,111
Emery	295	22,960	12,308	842	21,418	4,501	5,269
Garfield	159	16,619	9,971	238	15,604	2,647	3,682
Grand	34	6,456	3,766	21	6,218	1,573	1,002
[Iron	223	22,420	9,928	1,147	21,023	6,706	4,953
Juab	157	14,261	7,103	176	13,383	3,329	3,372
Kane	108	10,042	6,011	49	9,469	2,064	1,673
Millard	389	56,977	20,202	1,184	56,219	15,621	20,610
Morgan	115	5,748	3,130	1,322	5,372	1,361	1,030
Piute	100	9,001	4,390	1,122	8,708	2,329	2,121
Rich	143	33,060	19,798	176	32,751	7,913	5,208
Salt Lake	339	16,510	7,548	4,459	14,102	4,740	2,680
San Juan	104	16,064	10,399	51	15,506	3,395	1,980
Sanpete	491	31,933	15,396	3,216	30,232	8,110	7,499
Sevier	360	38,773	12,356	1,881	37,968	10,150	15,804
Summit	232	19,137		2,864	18,467		4,939
Tooele	133		7,589	202	12,733		2,894
Uintah	403	41,973	24,153	1,429	32,926	6,932	8,525
Utah	918	58,937	23,803	7,215	51,765	17,561	13,641
Wasatch	185	10,760	4,861	2,066		3,082	2,320
Washington	227	18,670	8,461	928	17,006	4,146	5,111
Wayne	127	13,120	7,710	377	12,805		2,809
Weber	435	28,221	9,661	5,785	24,717	9,767	6,429
State Total	8,293	735 , 847	346,151	70,297	688,047	181,837	183,257
Source: U. S	Canaua	of Asside	1 +				

z

×0.34

à

ï

à

 μ_1,\dots,μ_{n-1}

Cattle and Calves: Inventory, by Counties, Utah, December 31, 1969.

01			
- S F	leer	<u> </u>	nc
01	1661	, a	

nd Lambs: Inventory, by Counties, Utah, December 31, 1969.

	A11	Farms	Farms	with Sales of	of \$2500 and	1 Over
	Farms	Sheep	Sheep	Lambs	Errog 1 V-	Rams and
County	Report-	and	and	Under	Ewes 1 Yr.	Wethers
	ing		Lambs	l Year	01d and	1 Yr. 01d
	Sheep	Lambs	Lambs	01d	Older	and Older
	Number	Number	Number	Number	Number	Number
					<u> </u>	
Beaver	23	7,802	7,680	1,554	5,548	578
Box Elder	149	60,748	60,029	13,148	45,686	1,195
Cache	92	19,753	18,031	7,057	10,643	331
Carbon	49	28,874	28,041	7,306	19,525	1,210
1				-		-
Daggett	13	3,144	3,108	589	2,433	86
Davis	74	8,646	7,475	1,984	5,271	220
Duchesne	204	38,851	36,481	6,017	29,438	1,026
Emery	118	18,851	17,412	4,908	10,781	1,723
Garfield	80	13,778	12,658	3,147	9,099	412
		2	•			:
Grand	6	115	85	33	43	9
Iron	131	62,270	60,119	16,010	42,523	1,586
Juab	42	14,293	13,857	3,115	10,368	374
Kane	26	9,611	9,258	1,593	7,453	212
Millard	80	17,900	17,517	4,991	12,080	446
	33	44,620	44,416	-	32,471	798
Morgan		44,020	44,410	11,147	32,471	790
Piute	40	6,278	5,830	1,907	3,798	125
Rich	58	43,038	42,883	6,022	35,889	· 972
Salt Lake	135	19,874	18,762	6,657	11,841	264
San Juan	10	20,727	20 725	2,110	18 220	385
1		•	20,725	•	18,230	
Sanpete	351	146,987	143,082	48,712	91,885	2,485
Sevier	175	82,147	80,719	47,000	32,197	1,822
Summit	115	69,532	68,769	13,666	53,322	1,781
Tooele	52	49,489	49,146	13,308	35,016	822
Uintah	219	63,576	59,235	19,177	38,695	1,363
	0/7	0/ / 50	01 574	00.005		0 71 7
Utah	247	84,452	81,576	22,995	55,864	2,717
Wasatch	67	42,168	41,621	12,961	28,061	599
Washington	19	2,151	2,037	634	1,366	37
Wayne	66	14,440	14,018	4,889	8,828	301
Weber	78	20,135	19,347	6,631	12,432	284
	70	200	17, J71	0,001	1 4 9 7 J 6	
State Total	2,752	1,014,250	983,917	289,268	670,786	24,163
Source: IL S		s of Apricul				

	A11 Fa	arms	Farms with	Sales of \$2500	
County	Farms	Hogs and	Hogs and	Used or to	Other Hogs
	Reporting	Pigs	Pigs	be Used	and
	Hogs	1 165	1185	for Breeding	Pigs
	Number	Number	Number	Number	Number
Beaver	13	127	125	46	79
Box Elder	82	3,738	2,711	396	2,315
Cache	76	3,331	3,164	673	2,491
Carbon	31	611	463	116	347
Daggett	4	12	12	6	6
Davis	31	315	297	50	247
Duchesne	86	1,145	1,092	147	945
Emery	95	1,506	1,169	179	990
Garfield	33	373	340	64	276
Grand	4	60	58	21	37
Iron	45	632	601	79	522
Juab	20	513	498	38	460
Kane	18	188	152	20	132
Millard	98	1,728	1,574	258	1,316
Morgan	24	166	125	24	101
Piute	28	719	686	114	572
Rich	7	295	295	53	242
Salt Lake	105	6,049	4,949	371	4,578
San Juan	12	87	47	17	30
Sanpete	124	2,250	2,079	229	1,850
Sevier	73	3,208	3,081	250	2,831
Summit	27	272	261	65	196
Tooele	51	927	753	198	555
Uintah	109	2,807	2,556	264	2,292
Utah	174	4,003	3,053	582	2,471
Wasatch	19	155	108	23	85
Washington	39	1,630	1,504	244	1,260
Wayne	70	1,041	950	147	803
Weber	56	1,312	1,073	132	941
State Total	1,554	39,200	33,776	4,806	28,970

- P

2

Ì

ģ.

1

No. Access

Ţ.

Hogs and Pigs: Inventory, by Counties, Utah, December 31, 1969.

		All Farms		Farm Sales of \$2	s With 500 and Over
County	Chickens 3 months old and older	Broilers and Other Meat Type Chickens Under 3 Months		Turkeys	
	Inventory Number	Inventory Number	Sales <u>Number</u>	Inventory Number	Sales <u>Number</u>
Beaver	716			6	
Box Elder	16,672	63,100	374,000	60	204,048
Cache	71,492	306	331,802	<u>3</u> /	3/
Carbon	6,712	20	500	8	
Daggett	289				
Davis	3,516	5		<u>3</u> /	193,805
Duchesne	5,822	54		124	
Emery	2,200			58	2
Garfield	4,091			10	
Grand	2,801		6	16	
Iron	1,490	13		7	
Juab	642			3	
Kane	2,071				
Millard	28,991	364		69	24
Morgan	89			<u>3</u> /	3/
Piute	242	6			
Rich	1,962				
Salt Lake	586,589	30,550	89,450	3,633	<u>3</u> /
San Juan	1,643			15	
Sanpete	40,586			15,071	1,686,648
Sevier	848			1,200	205,040
Summit	34,442				
Tooele	5,451	<u>3</u> /	<u>3</u> /	5	
Uintah	23,775	123		13	10
Utah	502,026	41,000	346,792	3/	316,300
Wasatch	50,089		60		
Washington	70,842	10		35,005	<u>3</u> /
Wayne	9,019			11	
Weber	39,979	98	50	<u>3</u> /	<u>3</u> /
State Total	1,515,087	214,749	1,502,660	134,319	3,254,540

Poultry: Inventory 1/ and Sales 2/ by Counties, Utah, 190

Source: U. S. Census of Agriculture.

1/ Inventory December 31, 1969. 2/ Sales during 1969. 3/ Data withheld to avoid disclosure of information for individual farms.

	All Farms	Farms wi	th Sales of	\$2500 and Over
County	Horses and	Hives of	Mink	Mink & Pelts
	Ponies	Bees	Inventory	Sold in 1969
	Number	Number	Number	Number
Beaver	375			
Box Elder	1,718		2,555	6,800
Cache	1,072	2,500	15,221	36,457
Carbon	500			
Daggett	148			
Davis	1,273	99	2,020	3,095
Duchesne	1,435	1,930		
Emery	733	317		
Garfield	484			
Grand	185		—	
Iron	590			
Juab	318			
Kane	268			
Millard	916	7,300		
Morgan	495		16,945	40,545
Piute	260			
Rich	594		1,675	4,142
Salt Lake	1,474	718	61,740	150,388
San Juan	442		·	
Sanpete	1,133		1,645	3,447
Sevier	693			
Summit	940		21,758	41,299
Tooele	554		2,295	4,440
Uintah	1,633	1,397	2,200	5,223
Utah	2,433	4,090	33,828	96,571
Wasatch	671			
Washington	449			
Wayne	295			
Weber	1,480	70	1,330	3,600
All Other	-	1,098	504	1,150
State Total	23,561	19,519	163,716	397,157

ŝ

ģ

ģ.

Ner-1 Rod

Horses, Mink, and Honey Bees: Inventory by Counties, Utah, December 31, 1969.

Source: U. S. Census of Agriculture.

102

Weather

E. Arlo Richardson, State Department of Agriculture Climatologist

The coldest temperatures of 1974 occurred at many stations in the State during the first week of the year. Only 16 out of 167 reporting stations failed to drop below zero during the first week of the year with Woodruff 39° below zero and Scofield 35° below. The precipitation accumulations for the month were above normal in all areas of the State except the Northern Mountains.

Temperatures began to rise in February but averages for the month still ranged from near normal in the Western Desert down to 9 degrees below normal in the Uintah Basin. Precipitation in all areas of the State dropped below normal and accumulations continued below normal throughout the remainder of the year.

Temperatures during March averaged 4 to 6 degrees above normal which aided growth of early spring forage on ranges. By the end of April, the prolonged moisture deficit made its impact on both winter wheat and spring ranges. April temperatures were a little below normal which imposed less stress on moisture deficient ranges and on growing crops. The average date of the last freeze was not much later than normal, except in a few colder valleys. A freeze during the latter part of April caused some damage to fruit crops, but most protection methods were adequate to limit crop loss.

7

i

Temperatures during both May and June were well above normal in all sections of the State. The high temperatures and much below normal precipitation reduced available feed on summer ranges to a minimum. However, these warm temperatures were very beneficial to irrigated crops where moisture was not a problem.

Drought conditions continued into October and caused considerable delay in planting of winter wheat. However, late October storms were followed by mild November temperatures which allowed some growth in the late planted winter wheat as well as a little production on the drought plagued ranges of the State. October was the only month of the year to record above normal moisture accumulations in all climatic divisions of the State. November and December dropped back into the old regime with a moisture deficit during both months.

The severe drought conditions which persisted throughout so much of the year were, perhaps, the most important weather factor to influence Utah's agriculture during 1974. Average precipitation in the various climate divisions during 1974 and their percent of normal were as follows: Western, 5.45 inches and 64%; Dixie, 9.58 inches and 88%; North Central, 12.94 inches and 79%; South Central, 9.23 inches and 75%; Northern Mountains, 14.08 inches and 71%; Uintah Basin, 3.62 inches and 45%; and Southeast, 7.81 inches and 89%.

۱.,

ċ

j

1

N. 1.24.1.1.4

ALC: UNKNESS

ź.

4

14 1-10

No. of Real

3

7

Total Precipitation (inches), Utah, 1974

Station	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	3.70	.09	.34	. 58	.03	.00	1.12	.06	.50	4.17	1.16	.64	12.39
Cedar City	1.87	.38	.44	1.23	т	.00	.46	.31	.82	1.15	.95	.25	7.86
Corinne	2.26	1.34	.88	2.45	.63	.65	.16	.07	.00	2.50	.88	1.74	13.56
Duchesne				.15	.05	.00	.54	.13	.10	1.22	.30	.10	
Elberta	.64	.16	.45	.88	Τ	.27	.56	.19	.03	.97	.96	.44	5.55
Fillmore	3.18	.55	1.89	2.09	.28	.02	.80	.11	Т	1.04	1.30	1.06	12.32
Fort Duchesne	.50	.07	т	. 57	.01	.00	.23	.13	.00	.95	.15	.20	2.81
Green River Avn	.55	Т	Т	.84	.00	.09	.09	.02	.51	2.19	.83	.38	5.50
Hanksville FAA	.67	.12	.07	.88	т	т	.60	.08	.31	. 8.8	1.07	.19	4.87
17 - 1	1 - 1	, ,			0.7	• •	25	07	~ ~ ~	0 71	50	1 0/	0.07
Heber Karah Bu	1.51	.44	.80	2.11	.01	.13	.35	.06	.03	2.71	.58 1.80	1.24	9.97
Kanab PH	2.77	.26	.36	.42	.02	.04	.26	.32	.46	3.32		.48	10.51
Levan	1.85	.54	.48	1.20	.27	.18	.67	.31	.03	1.13	1.02	.84	8.52
Lewiston	1.53	1.27	.63	1.19	.92	.25	т	.58	т	3.29	.54	.94	11.14
Loa	.91	.01	.24	.33	.00	.00	.61	.38	.73	1.29	.09	.07	4.66
Logan USU	1.57	1.71	1.21	2.68	1.09	.79	.26	.24	.05	2.93	.86	1.65	15.04
Manti	2.33	.90	.96	.72	.18	т	.82	.23	.09	1.05	.56	.55	8.39
Milford	1.51	.36	.45	.82	.01	T	1.03	.23	.19	1.29	.38	.16	6.43
Moab 4 NW	1.47	.15	.14	1.79	.00	.01	.50	.16	.03	1.12	.75	.44	6.56
Modena	1.66	.18	.21	.04	Т	.00	1.36	.14	.32	2.16	.43	.12	6.62
Monticello	3.96	.04	.60	.53	.08	.06	2.97	.89	.57	3.30	1.55	.97	15.52
Morgan	3.94	1.70	1.94	5.53	1.13	.46	.74	.19	.03	2.02	1.46	2.32	21.46
Ogden Sugar Fact.	1.92	.88	.10	2.82	1.13	.15	.18	.25	.00	3.18	.93	2.51	14.05
Panguitch	1.18	.11	.29	.47	.00	.00	1.77	.56	.36	1.06	.31	.27	6.38
Park Valley	.73	.84	.26	.46	.25	.07	1.54	.50	.00	3.01	.14	.98	8.78
Drice Liensterre	70	~~		A 7	-	~~	<u>.</u>	04	16	2 07	26	0.5	5 00
Price Warehouse Richfield KSVC	.70	.03	Т	.06	Т	.00	.34	.06	.16	3.87	.36	.25	5.83
St. George PH	1.79	.40 .00	.64 .40	.52	.03 T	.00 .00	.19	.54 .59	.27 .08	.56 2.43	.17 1.05	.29 .32	5.40 7.64
St. George in	1.76	.00	• 40	.40	Т	.00	.61	. 9	.00	4.4J	1.00	2	7.04
SLC AP	1.80	1.65	.97	4.57	.39	.28	.18	.32	.03	2.03	.90	1.34	14.46
Tooele	1.34	1.33	1.23	3.62	.08	.25	.27	.00	.06	1.84	1.56	1.07	12.65
Utah Lake Lehi	.83	.30	Т	2.70	.06	.32	.21	Т	.02	2.18	.23	.96	7.81
Vernal AP	.63	.17	.31	.41	.00	. 48	.13	.00	.03	1.13	т	.00	3.29
Wendover AP	.12	.20	.26	.14	.15	.40 T	.14	.00	т	1.31	.33	.14	2.79
Woodruff	.56	.15	.20	.14 1.33	.15	.24	.40	.16	.03	1.77	.59	.06	5.82
		• 1.2			د.د •	• 4 -1	•						

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

Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Ju1.	Aug.	Sep.	Oct.	Nov.	Dec.	Annua
Blanding	1.11	.89	.87	.86	.64	.50	.96	1.58	1.02	1.36	.78	1.25	11.82
Cedar City	.65	.76	1.12	1.05	.68	• 54	.96	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
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
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
Lewiston	1.70	1.43	1.60	1.96	1.99	1.92	.46	.98	1.02	1.38	1.59	1.61	17.64
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	13.8
Morgan	1.66	1.45	1.75	1.84	1.64	1.55	.42	.96	.87	1.39	1.68	1.87	17.0
Ogden Sugar Fact.	1.41	1.19	1.35	2.09	1.75	1.68	.49	.81	.96	1.37	1.59	1.50	16.19
Panguitch	• 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	10.4
Price Warehouse													
Richfield KSVC	. 57	.65	.79	.79	.72	.61	.78	.72	.69	.66	.59	. 59	8.1
St. George PH	.88	.83	.90	.52	.38	.19	.61	.64	.48	.57	.69	.87	7.5
SLC AP	1.27	1.19	1.63	2.12	1.49	1.30	.70	.93	.68	1.16	1.31	1.39	15.1
Tooele	1.14	1.34	1.84	2.20	1.64	1.35	.70	.93	.72	1.44	1.51	1.50	16.3
Utah Lake Lehi	.81	.75	1.08	1.18	1.03	.93	.60	.89	.60	.95	.90	1.03	10.7
Vernal AP	.54	.42	.52	.73	.62	.96	.45	.76	.66	.90	.55	.71	7.8
Wendover AP	.29	.31	.41	.44	.68	.73	.22	.36	.27	.45	.40	. 32	4.8
Woodruff	.48	.50	.65	.87	1.02	1.29	.69	.88	.74	.91	.62	.61	9.2

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

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

Accumulated Growing Degree Days Base 50, by Months, 1974

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Blanding	0	1	117	162	418	590	647	579	439	236	32	0	3221
Cedar City	0	14	122	158	412	569	674	660	527	268	87	9	3500
Corinne	0	1	79	161	381	558	699	591	490	285	36	0	3281
Duchesne				126	375	531	657	582	418	210	11	0	
Elberta	8	12	155	19 1	447	552	690	608	538	277	60	8	3546
Fillmore	16	16	149	182	445	601	698	650	506	257	77	6	3603
Fort Duchesne	0	0	114	156	398	499	606	560	437	267	21	0	3058
Green River Avn	0	0	217	261			719	618		325			
Hanksville FAA		0	254	264	565	605	742	634	499	366	76	7	
Heber	6	3	92	135	345	488	566	534			50	4	
Kanab PH	3	57	208	270	487	573	672	608	522	349	144	22	3915
Levan	3	4	102	166	412	546	643	.5 99	478	264	40	6	3263
Lewiston	1	0	33	131	300	470	589	530	443	252	25	0	2774
Loa	0	2	71			476	513	489	360		30		
Logan USU	7	0	44	110	292	547	697	635	446	211	11	2	3002
Manti	0	2	94	151	385	509	594	534	408	211	29	2	2919
Milford	0	6	129	172	431	534	644	597	482	242	61	6	3304
Moab 4 NW	0	1	265	295	604	638	800	728	559	408	115	5	4418
Modena	5	16	147	204	454	539	626	584	517		90	8	
Monticello	0	0	78	123	368	513	542	498	376	202	13	0	2713
Morgan	0	2	72	121	356	488	600	546	473	269	27	1	2955
Ogden Sugar Fact.	6	2	105	163	37 9		727	621	486	258	35	3	
Panguitch	1	3	110	155	391	496	524	524	427	252	63	2	2948
Park Valley	1	0	45	145	327	493	580	530	431	220	12	Q	2784
Price Warehouse	0	0	126	178	466	642	756	656	569			8	
Richfield KSVC	9	11	172	195	441	512	601	563	487	292	93	8	3384
St. George PH	29	139	325	401	630	716	845	823	708	464	205	52	5337
SLC AP	3	7	112	156	372	626	787	675	514	258	68	8	3586
Tooele	14	8	105	142	350	637	733	646	441	2 0 5	34	8	3323
Utah Lake Lehi	0	2	93	137	386	516	652		460	248	32	0	
Vernal AP	0	0	126	191	462	525	613	558	427	229	18	0	3149
Wendover AP	4	7	120	202	443	683	805	696	511	218	18	5	3712
Woodruff	0	0	17	84	240	396	480	443	348	181	9	0	2198

į

100 C

1

40.00 A 40.04

No. of the second

No To X

100

i,

ر. د

Acres in the set

٦

4

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

Normal Growing Degree Days Base 50, by months.

i

5

ļ

100

Station	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annua
Blanding	3	9	65	184	330	494	640	606	440	248	54	6	3079
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
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
Fillmore	11	22	97	222	372	538	71.4	689	508	306	83	18	3580
Fort Duchesne													
Green River Avn	1	35	155	310	470	562	710	677	528	345	84	7	3884
Hanksville FAA	5	37	147	294	455	594	733	696	536	346	100	16	3959
Heber	0	3	41	156	292	414	489	589	412	259	60	3	2717
Kanab PH													
Levan	3	13	79	203	328	462	627	609	451	268	71	11	3125
Lewiston	0	0	34	153	299	419	572	557	407	219	32	2	2694
Loa													
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													
Modena													
Monticello													
Morgan													
Ogden Sugar Fact.	2	9	66	194	352	501	688	659	460	263	50	6	3250
Panguitch													
Park Valley													
Price Warehouse													
Richfield KSVC	15	29	112	228	363	485	593	575	461	301	95	19	3276
St. George PH	69	136	269	399	541	650	798	779	615	460	213	82	5011
SLC AP													
Tooele													
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													

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

\$

ź

Number of the second

1

te u traduid

an a th

Notes and and

1

۰ ۱۰۰۰

> > $\sum_{i=1}^{N} (i - 1) = \sum_{i=1}^{N} (i - 1)$

) 4

Mean Monthly	Temperature	(°F.),	Utah,	1974
--------------	-------------	--------	-------	------

Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annua1
Blanding	21.7	26.3	43.7	45.9	60.1	71.3	71.9	69.0	62.5	52.5	39.0	27.6	49.3
Cedar City	24.7	31.3	44.9	45.3	60.2	70.3	73.7	72.9	66.2	53.6	42.3	30.5	51.3
Corinne	23.7	27.1	42.8	47.5	58.6	70.6	75.8	70.6	64.0	52.9	39.7	27.6	50.1
Duchesne			М	43.5	57.7	68.4	72.6	69.0	61.0	49.8	36.5	23.6	
Elberta	26.4	30.8	45.0	46.6	60.1	70.9	76.0	71.7	65.3	52.0	39.9	27.6	51.0
Fillmore	27.6	30.3	44.9	46.3	60.7	73.0	76.0	73.3	64.1	50.8	39.8	27.1	51.2
Fort Duchesne	3.5	9.4	38.8	43.4	56.1	66.0	71.5	67.5	59.2	50.5	37.9	20.9	43.7
Green River Avn	18.1	18.8	47.5	50.5	М	М	77.6	73.3	М	54.8	41.5	М	
Hanksville FAA	17.9	23.6	49.4	50.4	67.9	75.8	79.7	75.6	66.1	56.0	39.9	28.0	52.5
Heber	21.1	24.0	41.1	41.6	53.8	63.5	68.5	63.2	М	М	37.4	23.2	
Kanab PH	31.1	37.0	47.9	50.8	63.3	72.6	74.1	71.8	66.8	57.2	44.8	34.0	54.3
Levan	25.0	27.8	42.7	45.2	59.0	69.5	72.6	70.7	63.5	51.9	38.4	25.3	49.3
Lewiston	20.5	18.1	37.0	46.2	54.7	65.8	70.2	64.4	56.8	46.5	35.2	22.2	44.8
Loa	15.4	23.2	38.2	38.8	М	61.9	64.9	61.2	54.7	М	33.2	М	
Logan USU	24.1	24.1	40.4	45.1	56.2	68.7	73.7	71.2	63.9	51.7	38.7	26.0	48.7
Manti	21.9	24.1	41.6	44.1	58.1	66.4	69.5	66.2	59.7	49.4	37.0	23.5	46.8
Milford	20.9	26.9	43.3	44.3	59.4	69.3	73.3	70.5	62.8	49.9	37.9	25.5	48.7
Moab 4 NW	23.5	26.8	52.1	54.1	69.7	77.2	81.8	78.8	70.2	60.0	44.0	32.2	55.9
Modena	25.0	32.1	43.1	44.4	59.3	68.2	72.1	70.0	64.9	52.2	39.9	28.0	49.9
Monticello	18.2	21.5	39.5	43.1	56.5	66.2	67.0	64.8	58.6	49.0	34.3	23.9	45.2
Morgan	20.8	21.4	40.8	43.8	55.3	65.2	70.7	65.2	58.1	49.6	37.2	24.3	46.0
Ogden Sugar Fact.	25.6	28.2	42.8	47.1	59.3	71.2	76.8	71.6	64.9	53.0	39.9	29.5	50.8
Panguitch	19.0	23.4	40.2	40.8	54.9	62.2	65.2	62.0	56.5	47.1	35.4	23.7	44.2
Park Valley	22.2	27.1	38.8	45.2	54.4	65.6	69.8	66.5	60.5	48.0	36.1	26.6	46.7
Price Warehouse	18.6	23.2	42.1	45.0		74.2	78.0	73.6	68.4	М	М	31.3	
Richfield KSVC	22.0	25.0	45.4	45.6	59.5		70.7	67.5	61.1	50.3	38.1	26.1	48.2
St. George PH	37.8	44.0	56.1	59.5	72.1	81.2	84.6	81.8	78.5	65.3	50.5	38.9	62.5
SLC AP	26.7	31.4	45.2	48.1		73.4	79.2	74.2	66.5	54.7	43.4	31.7	52.8
Tooele	28.8	31.9	44.8	46.8	58.7	72.1	74.7	71.1	63.7	51.8	39.9	29.6	51.2
Utah Lake Lehi	23.6	28.4	42.4	46.1	58.1	67.2	72.9	67.4	60.7	50.6	38.3	26.9	48.6
Vernal AP	8.0	15.2	41.2	45.3	59.8	68.4	72.7	68.6	59.8	48.6	34.7	21.5	45.3
Wendover AP	27.7	33.1	46.1	53.2	63.1	75.9	79.6	75.0	66.6	51.9	39.3	29.8	53.4
Woodruff	14.0	12.1	34.3	38.1	48.2	57.5	62.6	58.0	51.0	43.0	31.1	20.1	39.2

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

Cedar City AP 28.7 3 Corinne 24.5 3 Duchesne 17.9 2 Elberta 27.3 3 Fillmore 29.0 3 Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Modena 27.8 3 Modena 27.8 3 Modena 27.8 3 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Park Valley 24.4 2 Price Warehouse 3 3 Richfield KSVC 28.1 3 St. George PH 39.9 4					1							Annual
Corinne 24.5 3 Duchesne 17.9 2 Elberta 27.3 3 Fillmore 29.0 3 Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Ogden Sugar Fact. 27.4 3 Park Valley 24.4 2 Price Warehouse 3 3 Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	<u> </u>	38.3	47.4	56.9	65.8	73.3	70.8	63.3	51.7	38.2	29.8	49.7
Duchesne 17.9 2 Elberta 27.3 3 Fillmore 29.0 3 Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Modena 27.8 3 Modena 27.8 3 Modena 27.8 3 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	33.1 3	38.4	47.1	56.2	65.0	73.2	71.3	63.2	51.5	38.8	30.8	49.8
Elberta 27.3 3 Fillmore 29.0 3 Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	30.2 3	37.8	48.0	57.4	64.6	73.9	71.6	62.0	50.6	37.4	28.5	48.9
Fillmore 29.0 3 Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	24.6 3	34.9	45.9	55.4	62.8	70.2	67.9	59.3	48.1	33.6	22.5	45.3
Fort Duchesne 14.6 2 Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Levan 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Modena 27.8 3 Modena 27.8 3 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3	32.7 3	39.4	48.6	57.6	65.4	74.4	72.7	63.3	51.6	39.0	30.1	50.2
Green River Avn. 24.1 3 Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	34.2 4	40.4	49.3	58.4	66.8	76.2	74.3	65.8	53.8	40.1	31.3	51.6
Hanksville 26.1 3 Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	22.2 3	34.2	46.2	55.9	63.5	70.8	68.8	59.8	48.2	33.2	20.9	44.9
Heber 20.7 2 Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Modena 27.8 3 Modena 27.8 3 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3	33.6 4	42.0	52.4	62.2	70.3	78.2	75.8	66.2	53.5	38.3	28.0	52.1
Kanab 35.2 3 Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3 3	33.9 4	42.5	52.9	62.9	71.9	79.4	76.9	67.6	54.7	39.4	28.9	53.1
Levan 26.0 3 Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Modena 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3	25.5 3	33.2	43.2	51.9	58.4	66.9	65.3	57.1	47.4	34.5	25.2	44.1
Lewiston 21.0 2 Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3	39.3 4	43.9	52.1	60.6	69.1	76.4	74.4	68.0	57.3	45.1	36.9	54.9
Loa 23.2 2 Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse 3 3 Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	31.2 3	38.1	47.4	56.1	64.1	73.1	71.3	62.9	51.6	38.4	29.4	49.1
Logan USU 24.0 2 Manti 25.8 3 Milford 25.7 3 Moab 4 NW 30.5 3 Modena 27.8 3 Monticello 25.9 2 Morgan 22.9 2 Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 3 Tooele 28.9 3	26.5 3	34.2	45.1	54.2	60.8	69.5	67.6	58.2	47.4	34.9	25.3	45.4
Manti25.83Milford25.73Moab 4 NW30.53Modena27.83Monticello25.92Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse3Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	27.3 3	34.3	41.0	49.7	57.3	64.4	62.3	55.2	45.3	33.0	24.7	43.0
Milford25.73Moab 4 NW30.53Modena27.83Monticello25.92Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse3Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	28.9 3	36.1	46.9	56.3	63.1	72.9	71.4	62.0	50.7	36.7	27.5	48.0
Moab 4 NW30.53Modena27.83Monticello25.92Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse3Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	30.2 3	37.1	46.1	54.7	62.3	70.1	68.6	60.6	50.0	37.0	28.5	47.6
Modena27.83Monticello25.92Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse3Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	31.4 3	38.1	47.2	56.5	65.2	74.3	72.6	63.0	50.7	37.3	28.6	49.2
Monticello25.92Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse3Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	37.8 4	46.1	56.5	66.2	74.2	81.3	78.7	70.1	57.6	43.2	33.3	56.3
Morgan22.92Ogden Sugar Fact.27.43Panguitch23.52Park Valley24.42Price Warehouse2Richfield KSVC28.13St. George PH39.94SLC AP28.03Tooele28.93	32.8 3	38.0	46.4	55.0	63.7	72.0	70.2	62.1	50.7	38.1	29.9	48.9
Ogden Sugar Fact. 27.4 3 Panguitch 23.5 2 Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	29.5 3	34.6	44.1	52.9	61.2	68.6	66.3	59.5	49.1	36.3	28.3	46.4
Panguitch23.52Park Valley24.42Price WarehouseRichfield KSVC28.1St. George PH39.94SLC AP28.03Tooele28.93	27.9 3	34.7	44.5	53.4	60.3	68.5	66.7	57.5	47.7	34.5	26.1	45.4
Park Valley 24.4 2 Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	32.8 3	39.4	49.1	58.4	65.8	75.3	73.2	63.6	52.5	39.3	31.1	50.7
Price Warehouse Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	27.7 3	33.4	42.1	50.1	57.6	64.6	62.9	55.8	45.8	34.1	25.6	43.6
Richfield KSVC 28.1 3 St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3	29.0 3	34.8	44.0	53.5	60.7	71.8	69.9	60.4	49.1	35.6	27.0	46.7
St. George PH 39.9 4 SLC AP 28.0 3 Tooele 28.9 3												
SLC AP 28.0 3 Tooele 28.9 3	32.8 3	38.9	47.0	55.5	63.2	70.7	69.2	60.8	50.0	38.0	30.2	48.7
Tooele 28.9 3	45.9 5	51.6	60.1	68.9	77.1	84.3	82.6	74.9	62.9	49.2	40.9	61.5
	33.4 3	39.6	49.2	58.3	66.2	76.7	74.5	64.8	52.4	39.1	30.3	51.0
h	33.3 3	39.3	48.8	58.2	66.2	76.1	74.0	64.4	52.2	39.2	31.0	51.0
Utah Lake Lehi 26.1 3	31.5 3	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 2	23.3 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 3	34.2 4	41.1	50.8	60.8	69.2	79.3	76.7	66.2	52.8	38.6	29.7	52.2
		26.2	38.4	47.5	54.4	62.2	60.4	51.7	41.5	28.5	19.1	38.6

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

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

١

Frost Free Period, Utah, 1974 and Normal (1928-57)

<u> </u>		1974			Normal	
Station	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	May 21	Oct 29	161	May 20	0ct 14	147
Cedar City	Jun 8	Sep 28	112	May 15	Oct 4	142
Corinne	Apr 22	Oct 6	167	May 11	Sep 30	142
Duchesne	May 21	Sep 13	115	May 27	Sep 18	114
Elberta	May 21	Sep 12	114	May 14	Oct 1	140
Fillmore	May 20	Sep 12	115	May 9	Oct 11	155
Fort Duchesne	May 22	Sep 13	114	May 19	Sep 24	128
Green River Avn		Sep 28		May 2	Oct 7	158
Hanksville FAA	Jun 8	Sep 28	112	May 1	Oct 4	156
Heber	Jun 9			Jun 19	Sep 4	77
Kanab	May 20	Oct 30	163	May 8	Oct 18	163
Levan	May 21	Sep 12	114	May 19	Oct 1	146
Lewiston	Jun 8	Aug 21	74	May 25	Sep 16	114
Loa	Jun 9	Aug 21	73	Jun 13	Sep 7	87
Logan USU	Apr 15	Oct 6	174	May 3	Oct 14	164
Manti	May 21	Sep 12	114	May 7	Sep 28	144
Milford	Jun 9	Sep 12	95	May 26	Sep 23	120
Moab 4 NW	Apr 16	Nov 7	205	Apr 19	Oct 18	182
Modena	Jun 9	Sep 28	111	May 24	Sep 29	128
Monticello	Jun 9	Sep 28	111	May 23	Oct 8	138
Morgan	Jun 9	Sep 12	95	Jun 6	Aug 31	86
Ogden Sugar Fact.	May 20	Oct 6	139	May 3	Oct 11	161
Panguitch	Jun 10	Sep 12	94	Jun 17	Aug 22	66
Park Valley	Jun 9	Sep 13	96	May 20	Oct 2	135
Price Warehouse	May 21			May 3	Oct 3	153
Richfield KSVC	Jun 9	Sep 12	95	May 24	Sep 23	122
St. George	Mar 6	Nov 24	263	Mar 31	Oct 30	213
SLC AP	Apr 28	Nov 5	191	Apr 12	Oct 31	202
Tooele	Apr 29	Oct 22	176	Apr 28	Oct 14	169
Utah Lake Lehi	May 22	Sep 12	113	May 16	Sep 24	131
Vernal AP	May 22	Sep 13	114			
Wendover	Mar 24	Oct 22	212	Apr 17	Oct 23	189
Woodruff	Jun 9	Jul 4	37			

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

Horses

J'Wayne McArthur, Project Leader 1/

There were 132,743 horses in Utah on August 1, 1974 according to a study conducted by Utah State University in cooperation with the Utah State Department of Agriculture. The survey indicated 12,915 foals were born in 1973 which is about 10 percent of the horses estimated in the State that year.

Response to the survey questionnaires indicates that horse numbers will continue to increase in the State. While the majority of present owners reported they plan to hold horse numbers constant, more present owners intend to increase their horse numbers than plan to decrease their numbers. This means an increase in horses owned by present horse owners. In addition, there are many new owners each year. These will likely outnumber by far the people who are selling all their horses.

Many residents of the State depend upon raising, buying or selling, breeding, training, showing, boarding, or shoeing horses as a partial or total source of income. Utah has some excellent resources for horse production. With some help from City, County, and State leaders in providing suitable show arenas, race tracks, etc., Utah could become even more horse oriented than it is now. This would provide additional economic activity in the State.

<u>County Distribution</u>: Utah County was the leading county in horse numbers with 19,713 horses or 15 percent of the State total. It also led in the 4-H Club and adult riding club members. Other counties with highest horse populations were the Wasatch Front Counties--Weber, Davis, Salt Lake, Box Elder, and Cache. The horse population of these counties was related to their substantial human population, although horse numbers did not correlate directly with the human population in Salt Lake and Box Elder Counties.

1

Horses Per Owner: The number of horses per owner varied from one portion of the State to another. Residents of the southeast counties reported the most horses per owner. Evidently horses owned by Indians and by owners of pack and dude ranches in recreational areas of these counties pushed the averages upward.

Except for Box Elder County with its large ranches, the western counties had the fewest horses per owner. Rich County, with cattle ranch operations that required horses summer and winter, also had many horses per owner. Counties in the central part of the State were all in the range of 3.3 to 3.9 horses per owner, with the more urban counties tending to be lower than the rural counties. In general, 89 percent of the horse owners had one to six horses each, which accounted for 67 percent of Utah's horses in 1974. The remaining 11 percent had seven or more horses each, accounting for 33 percent of the total horses.

1/ Animal Husbandry Staff, Utah State University, Logan, Utah.

Breeds and Classes: The major breeds of horses reported by Utah Owners were Appaloosa, Arabian, Thoroughbred, and Quarter Horse. American Saddle Horse, Morgan, Paint, and Tennessee Walking Horse breeds were also cited.

The most popular breed in Utah, based on total numbers, was the <u>Quarter</u> <u>Horse</u>. This breed accounted for 57,808 head or 44 percent of all horses in Utah in 1974. Of this number, 20,652 were registered Quarter Horses which was 52 percent of all registered horses in the State. There were 1,935 Quarter Horse stallions. <u>Arabians</u> were the second most numerous breed in the State with 11,515 head. Registered Arabians totaled 5,966. This included purebred Arabians, Half-Bred Arabians, and Anglo-Arabians. There were 9,496 <u>Appaloosas</u> in Utah in 1974, including 4,763 registered. <u>American Saddle Horses</u> and <u>Morgans</u> combined accounted for only three percent of the total horses. <u>Draft</u> horses made up just over one percent and ponies accounted for eight percent of the total. All other breeds plus horses of unknown breed origin were included in the "Other Horse" category which totaled 28,488 head. Next to Quarter Horses, this was the largest category reported.

In total, registered horses accounted for 30 percent of all horses in Utah. Stallions made up only about 3 percent; mares, 43 percent; geldings, 38 percent; and the remaining 16 percent was horses under 2 years of age.

<u>Usage</u>: Of the horse owners reporting, 7 percent used their horses for rodeo purposes, 8 percent for racing, 14 percent for horse shows, and 66 percent for pleasure riding. Use of horses for production of crops and/or livestock was reported by 39 percent of the reporters. Since each owner could report more than one use, the total is more than 100.









UTAH AGRICULTURAL STATISTICS 1975

Horses: Estimated Number and Reported Uses, Utah, August 1, 1974 $\underline{1}/$

				Horse Owner	s Reporting							
COUNTY	Horses		Usage 2/									
	norses	Race .	Show	Rodeo	Pleasure	Crop/Livestock Production	Number					
·······	Estimated Number	Percent	Percent	Percent	Percent	Percent						
Beaver	1,028	14	4	3	43	62	320					
Box Elder	10,181	8	10	9	51	63	2,130					
Cache	8,608	10	16	3	77	32	2,841					
Carbon	2,210	9	18	15	68	44	605					
Daggett	384	1	10	13	50	60	114					
Davis	15,215	12	21	6	75	24	4,397					
Duchesne	4,751	3	4	5	33	81	1,105					
Emery	2,933	6	12	11	42	77	807					
Garfield	1,624	11	1	4	37	69	423					
Grand	1,449	8	32	4	24	64	198					
Iron	2,300	5	4	6	52	58	742					
Juab	1,113	1	5	5	74	44	433					
Kane	931	9	6	6	34	78	212					
Millard	3,125	6	7	6	57	57	989					
Morgan	2,095	7	11	7	72	41	657					
Piute	704	12	6	6	33	83	212					
Rich	1,519	5	7	13	27	79	267					
Salt Lake	10,883	9	24	4	82	7	3,278					
San Juan	1,005	1	3	2	38	72	194					
Sanpete	3,848	3	11	2	61	56	1,010					
Sevier	3,950	9	18	5	64	44	1,079					
Summit	2,387	3	3	2	50	63	730					
Tooele	3,037	5	10	11	76	29	1,018					
Uintah	4,225	6	6	14	48	60	985					
Utah	19,713	7	14	8	76	32	5,714					
Wasatch	2,268	9	9	9	59	51	583					
Washington	3,076	2	6	17	51	56	989					
Wayne	1,076	4	2	3	35	80	304					
Weber	17,105	10	14	12	76	26	5,031					
State	132,743	8	14	7	66	39	37,367					

 $\frac{1}{2}/$ Horse Survey, Utah State University, and Utah State Department of Agriculture, August 1974. $\frac{2}{2}/$ Does not cross-add to 100 since one reporter could report more than one usage.

Fertilizer & Feed

John B. Hall

Supervisor Information and Research, State Department of Agriculture

The Utah State Department of Agriculture Office of the State Chemist shows a brief summary of two of a large variety of programs performed to assist and protect the consuming public.

а

1

ŗ,

1

10.00

ġ

Contrast.

ġ

<u>Fertilizer</u>: According to State law, each package or shipment of fertilizer sold to the public must be properly labeled, showing the net weight, brand name or trademark, together with grade numerals and the guaranteed analysis of the product. The law also states that each manufacturer or importer selling fertilizer products and desiring to register and sell their fertilizer products in the State must procure an annual license from the Department of Agriculture.

Frequent lot samples of commercial fertilizers are taken by the District Agricultural Inspectors located throughout the State. These samples with accompanying label or label information are submitted to the State Chemist's Office. This material is reviewed for completeness and compliance with the law. A check is made as to registration of the product, and a quantitative chemical analysis is performed to determine the agreement of contents with the guaranteed statement.

<u>Commercial Feeds</u>: The Commercial Feed Law requires an annual registration of each commercial feed and feed ingredient with the Office of State Chemist before being offered for sale in the State. Each commercial feed must be legibly labeled with the following information: net weight, brand name, guaranteed analysis, the name of each ingredient present, and the name and address of the person responsible for distributing the commercial feed.

Those feed manufacturing plants, which prepare commercial feeds containing animal drug ingredients, receive special inspections in relation to their equipment, manufacturing practices, and record keeping. The label for medicated feeds must contain additional information such as the purpose of the medication, directions for use, names and amounts of drug ingredients, and a warning or caution statement.

Samples of commercial feeds and their labels are collected by the District Agricultural Inspectors and submitted to the State Chemist. The feed is checked for proper registration. The label reviewed for correctness and a quantitative chemical analysis of the sample is performed to determine whether or not the contents are in agreement with the statement of guarantee.

Commercial Fertilizer and Fertilizer Material

The law requires the State Chemist to publish annual tonnage sales data on fertilizer sold. The following compilations are based on reports from registrants of fertilizers sold to users in the State of Utah:

Item	1972	1973	1974
	Tons	Tons	Tons
Single Nutrients			
Ammonium Nitrate Ammonium Sulfate Nitrogen Solution Anhydrous Ammonia Urea	36,133 18,514 1,629 2,431 668	32,281 16,144 266 6,333 1,779	1/17,981 2,033 1,879 3,336 580
Treble Superphosphate Single Superphosphate Muriate & Sulfate of Potash Trace Minerals, FeSO4, CuSO4,	11,479 1,191 269	12,087 2,046 284	6,812 2,030 371
ZnSO4, MgSO4, Boron, Sulfur Organic Material, Sewage, Sludge,	94	94	89
Manure, Bone Meal, Blood Meal	63	278	154
Total	72,537	71,605	35,566
Fertilizer Sold Blended & Unblended by Holders of Blender Licenses			
Ammonium Nitrate Ammonium Sulfate Urea Treble Superphosphates Super Phosphate	15,421 6,306 1,302 9,141 924	17,072 7,584 78 8,426 35	14,434 3,402 85 8,874 750
Nitrogen, Phosphate Compounds Muriate of Potash Organic Material Blood & Bone Meal Trace MineralsIron, Sulfate &	3,541 183 8	2,939 214 	4,170 121
Zinc Sulfate	16	6	
Total	38,279	37,238	31,842
Fertilizer Sold as Mixed Fertilizer by Grade	8,269	10,311	12,729
Grand Total	129,085	123,554	79,137

 $\underline{1}/$ Tonnage represented was reduced due to the availability of fertilizer and the rapid rise in cost.

Commercial Fertilizers

	1972	1973	1974
Number of Samples Major Constituents,N,P ₂ O ₅ ,K ₂ O Minor Constituents, Ca, Mg, S,	132 289	350 756	231 507
B,Cl,Co,Cu,Fe,Mn,Mo,Na,Zn Number of Violations Number of Analyses	16 31 305	197 62 953	189 69 696

Commercial Feeds

	1970	1971	1972	1973	1974
Number of Samples		721	957	931	791
Protein, Fat, Fiber, Ash		1,893	2,130	2,193	2,127
Minerals	760	640	860	1,140	968
Nonprotein Nitrogen	70	105	147	130	78
Antibiotics	147	129	167	157	165
Vitamins	138	152	365	219	179
Drugs	123	45	136	46	71
Number of Analyses	3,472	3,685	4,764	4,816	4,379
Number of Violations	157	147	189	189	132

UTAH AGRICULTURAL STATISTICS 1975

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	12th of month
Weather, Crops, & Livestock	Weekly	Mondays, April-October
Reports on Crops:		
Acreage Reports:		
Winter Wheat Seedings	Annual	December 24
Prospective Plantings	Annual	March 19
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 monthJan.,
	Quarterry	Apr., Jul., Oct.
Alfalfa Seed	Annual	October 23
	Alliuat	occober 25
Reports on Livestock, Dairy, Poultry, and	d 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
Cattle on Feed, January 1	Annual	January 20
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 16
	Annual	December 24
Dec. 1 Hog Inventory & Pig Crop		
Dairy	Annual	April 24
Turkeys: Breeder Hen Intentions	Annual	September 19
Raised and Intentions	Annual	-
		January 10
Raised	Annual	August 25
Honey and Bees	Annual	January 17
Mink	Annual	May 13
Price Reports.		
Price Reports:	Monthly	30th of month
Agricultural Prices	Monthly	
Farm Income	Semi-Annually	March & August
Miscellaneous Reports:		
Farms and Farm Land	Annual	

ø

ĉ

5

1

The above reports may be obtained from the Utah Crop and Livestock Reporting Service, P. O. Box 11486, Salt Lake City, Utah 84111 (Office - Room 4418, Federal Building-- Phone 524-5003).

.

COOPERATION PAYS

We hope the contents of this report as outlined by the various tables and charts will prove to be helpful and beneficial to the agricultural segments of our State. This information certainly could be used as a guide in formulating plans for production and marketing of crops and livestock throughout the region.

We are indebted to and extend our thanks and appreciation to the voluntary reporters who have provided basic information in filling out questionnaires and answering numerous surveys. Voluntary reports from producers, farmers and ranchers are the primary source of data for this publication. We, therefore, urgently request and appeal to people, who have failed to answer questionnaires in past years, that they give us their support and cooperation in the future so as to make our Annual Report as accurate and meaningful as possible.

