

UTAH AGRICULTURAL STATISTICS AND ANNUAL SUMMARY REPORT

UTAH DEPARTMENT OF AGRICULTURE AND FOOD

2021



**UTAH AGRICULTURAL STATISTICS
AND
UTAH DEPARTMENT OF AGRICULTURE AND FOOD
2021 ANNUAL REPORT**

Compiled by the
**United States Department of Agriculture
National Agricultural Statistics Service
Mountain Region, Utah Field Office**

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Introduction

The Utah Field Office of the Mountain Region of USDA's National Agricultural Statistics Service (NASS) and the Utah Department of Agriculture and Food (UDAF) are proud to present the 49th edition of this publication. Copies of the publication are also available on both organizations' Internet sites. This publication is provided to help inform farmers, ranchers, and the public about activities within UDAF and provide a detailed look at Utah's agricultural production. Also included are budgets for helping farmers and ranchers evaluate the potential profitability of various agricultural commodities.

Cooperation from farmers, ranchers, and agribusinesses responding to various survey questionnaires is essential for quality estimates; their cooperation make this publication possible. We thank them for their help and willingness to provide the data needed to produce these statistics.

This report would not be possible without the dedicated effort of our NASDA enumerators who collect this data. We thank them for their diligence and professionalism.

Estimates presented are current for 2020 production and January 1, 2021 inventories. Data users that need 2021 production information, or additional historic data, should contact the Utah Field Office at 801-524-5003 or toll free at 1-800-747-8522.

State and U.S. statistics are available on the NASS Web page at <http://www.nass.usda.gov>. Use the "Quick Stats" utility to search for current or historic data by clicking the Data & Statistics tab.

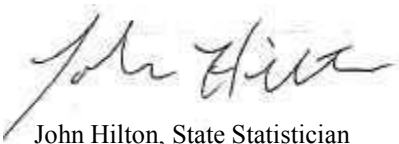
Prior year estimates are subject to revision and may have been revised in this publication. Data users should use this publication for previous years' data and not go back to earlier publications for those data.

The following agricultural Web pages may interest you.

Organization	Web Page Address
U. S. Department of Agriculture (Includes links to all USDA Agencies)	http://www.usda.gov
USDA – NASS	http://www.nass.usda.gov
USDA - NASS Census of Agriculture	http://www.nass.usda.gov/AgCensus/
USDA - Utah Agricultural Statistics	http://www.nass.usda.gov/ut/
Utah Department of Agriculture and Food	http://ag.utah.gov
National Association of State Departments of Agriculture (NASDA)	http://www.nasda.org
Food and Agricultural Policy Research Institute	http://www.fapri.missouri.edu
Salt Lake City National Weather Service	http://www.weather.gov/slc/
Western Regional Climate Center	http://www.wrcc.dri.edu
Utah Climate Center	http://climate.usu.edu
USU Extension Service	http://extension.usu.edu
Utah Agriculture in the Classroom	http://utah.agclassroom.org
Utah Farmers Union	http://www.utahfarmersunion.com
Utah Farm Bureau	http://www.utahfarmbureau.org
Utah Cattlemen's Association	http://www.utahcattlemen.org
Utah Wool Growers Association	http://www.utahwoolgrowers.com
Dairy West	http://www.dairywest.com
Utah Pork Producers Association	http://www.porkproducers.org

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Sincerely,



John Hilton, State Statistician

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MESSAGE FROM THE COMMISSIONER

This year, the Utah Department of Agriculture and Food celebrated a momentous milestone — 100 years of supporting Utah's agriculture and food producers while ensuring a safe, abundant food supply for citizens throughout the state.

As we look to the century ahead, the Department has taken great strides to identify how we can support and shape agriculture and food production in Utah for generations to come. To aid in this, the Department completed our 2021 Centennial Strategic Plan, which outlines six strategic goals to address the unique opportunities, needs, and challenges in Utah agriculture. This year brought about significant challenges for the state's producers. In response to this year's unprecedented drought and the resulting hardships faced by our farmers and ranchers, the Department created the Emergency Disaster Relief Loan Program and drew additional funding and support for our Agricultural Water Optimization Program.

We look forward with great optimism for the coming years and honing in our programs and services to better serve all of Utah's producers. Thank you for your interest in and support of Utah agriculture. We invite you to read our annual report to learn more about our agency and agriculture industry.

Craig W Buttars,
Utah Department of
Agriculture and Food
Commissioner



ABOUT THE UTAH DEPARTMENT OF AGRICULTURE AND FOOD

With roots dating to 1921, the Utah Department of Agriculture and Food (UDAF) is one of the state's oldest agencies. UDAF oversees dozens of legislatively mandated programs that strengthen the economic wellbeing of the state's agriculture and food producers, improve the health of our rangelands and watersheds, and provide protection to consumers. With responsibilities encompassing animal health, food and animal feed safety, monitoring for reliable weights and measures and label compliance, invasive species mitigation efforts, laboratory analysis, conservation efforts, and the promotion of local goods via Utah's Own branding on market shelves – the work of the Utah Department of Agriculture and Food impacts nearly every aspect of citizen's daily lives.

OUR VISION:

To lead Utah towards self-reliance by promoting, preserving and protecting all forms of agricultural production and processing to ensure a safe and abundance supply of locally produced foods for all Utahns.

OUR MISSION:

To support the development of Utah's agriculture and food industries, serve as a steward of our natural resources, safeguard public health, protect consumers and ensure a quality food supply.

OUR VALUES:

- Accountability
- Customer Service
- Guardianship
- Leadership
- Professionalism
- Relationships
- Stewardship



UDAF DIVISIONS

▶ OFFICE OF THE COMMISSIONER

Ensures all divisions work to meet statutory responsibilities. Includes the Agricultural Mediation Program, Grazing Improvement Program, Homeland Security and Risk Assessment, Office of Internal Audit, and the Industrial Hemp and Medical Cannabis Program.

▶ ADMINISTRATIVE SERVICES DIVISION

Provides support to all divisions within the Department to ensure state policies and procedures are implemented to meet both internal and external audit standards.

▶ ANIMAL DIVISION

Ensures the health and productivity of Utah livestock, poultry, and aquaculture, preserves industry commerce, and protects human health. Includes the Animal Health, Aquaculture, Brand Inspection, Domestic Elk, Meat and Poultry Inspection, and Predator Control programs.

▶ CONSERVATION DIVISION

Preserves and protects Utah's soil and water resources and ensures proper development and utilization through grant and loan programs which help the agriculture community achieve goals for productivity, efficiency, and environmental stewardship. Includes the Agriculture Resource Development (ARDL) Program, Agricultural Voluntary Incentives Program (AgVIP), Soil Health Program, and Water Optimization Program.

▶ LABORATORY ANALYTICS DIVISION

Provides analytical services to the other divisions within the Department and provides chemical, physical, and microbiological analyses for a wide variety of products to protect the state's consumers, farmers, and industry

▶ MARKETING & ECONOMIC DEVELOPMENT DIVISION

Provides communications support to all divisions and economic development support to Utah's agriculture and food businesses. Includes the Utah's Own program, Specialty Crop Block Grant Program, and International Trade Program.

▶ PLANT DIVISION

Ensures disease and pestfree plants, grains, and seeds, properly labeled agricultural commodities, the safe application of pesticides and farm chemicals, and assists farmers and ranchers in caring for and enhancing Utah's natural resources.

▶ REGULATORY DIVISION

Protects public health and promotes fair and equitable trade of commodities through food, product, weights and measures oversight. Includes the Bedding, Upholstered Furniture, and Quilted Clothing , Dairy Compliance , Manufactured and Retail Foods Programs, Kratom, Utah Produce Safety, and Weights and Measures Programs.

OFFICE OF THE COMMISSIONER

The Office of the Commissioner is the executive office of the Utah Department of Agriculture and Food and ensures all divisions work to meet statutory responsibilities.

AGRICULTURAL MEDIATION PROGRAM

The Utah Agricultural Mediation Program (UAMP) mediates agricultural disputes between farmers and ranchers and the United States Department of Agriculture (USDA) throughout the state. This program is administered by UDAF and has been certified by the USDA. UAMP is a voluntary mediation program created in keeping with the provision of the Agricultural Credit Act of 1987, Title 5 "State Mediation Programs."

GRAZING IMPROVEMENT PROGRAM (GIP)

The Grazing Improvement Program exists to improve the productivity, health, and sustainability of Utah's rangelands and watersheds through well-planned and managed livestock grazing. Healthy rangelands contribute to a healthy livestock industry and productive rural economies. GIP works with federal agencies and partners to promote efficient multiple-use management practices of public lands.

OFFICE OF INTERNAL AUDIT

The Office of Internal Audit was newly created in 2021. This office exists to help the Department accomplish its objectives by providing independent objective analysis, evaluations, and recommendations of the Department's operations.

UTAH INDUSTRIAL HEMP AND MEDICAL CANNABIS PROGRAM

The Utah Industrial Hemp and Medical Cannabis Program ensures safety, compliance, and equity to the industrial hemp industry by monitoring Utah's cultivators, processors, and retail establishments. This program ensures consumer safety and product integrity by approving products prior to entering the Utah market and verifies through inspections that safety and label standards are met.

The Medical Cannabis Program works in conjunction with the Utah Department of Health, which registers providers, licenses pharmacies, and issues cards to patients.



ADMINISTRATIVE SERVICES DIVISION

The Division of Administrative Services provides support to all divisions within the department to insure state policies and procedures are implemented to meet audits conducted throughout the year by state finance and the state auditor's offices. The division manages an expanding range of federal and state grants. This division includes Financial Services and Homeland Security and Risk Management.



INDUSTRIAL HEMP AND MEDICAL CANNABIS

2021 PROGRAM UPDATES

The Utah Medical Cannabis Program, now in its third year, continues to work closely with the Utah Department of Health and licensed cannabis cultivators (8), processors (13), and labs (1) to ensure Utah's 41,419 medical cannabis patient cardholders have access to safe, high-quality product. UDAF's Medical Cannabis Program has registered over 445 authorized agent cards to employees who can legally work in cannabis production facilities.

Through 2021, eight medical cannabis growers have harvested over 104,000lbs of medical cannabis. The 13 processors have produced 1,164,508 products which were sent to pharmacies for patients to purchase.

On July 1, 2020 the Industrial Hemp Program launched a new initiative for Utah-based retailers to register as Hemp Retailers. Since the launch of this program, over 1,300 Industrial Hemp Retailers have been registered.

UDAF's medical cannabis inspectors conduct regular inspections at all 23 cannabis production facilities, including preliminary security inspections before the official opening of each facility. Inspections include audits of production records, reviewing on-premise surveillance footage, and working closely with owners to ensure all rules and statutes are enforced. In 2021, 4,446 medical cannabis quality assurance samples were tested.

2021 DATA

MEDICAL CANNABIS

INDUSTRIAL HEMP

104k

Over 104,000lbs of Medical Cannabis Produced by 8 Growers

128

Licensed Hemp Growers

1.16m

1,164,508 Products Sent to Pharmacies by 13 Processors

102

Licensed Hemp Processors

4,446

Quality Assurance Samples Conducted at the 23 Cannabis Production Facilities

2,451

Registered Hemp Products

41k

41,419 Medical Cannabis Patient Cardholders

1,300

Registered Hemp Retailers

ANIMAL INDUSTRY DIVISION

The focus of the Animal Industry Division is the prevention and control of animal disease through outbreak prevention, monitoring, education and quarantine as necessary. The division also actively engages in livestock brand identification and theft prevention as well as oversees the Utah Horse Racing Commission.

MAJOR PROGRAMS

- ▶ ANIMAL HEALTH
- ▶ DOMESTIC ELK
- ▶ MEAT AND POULTRY INSPECTION
- ▶ AQUACULTURE
- ▶ LIVESTOCK BRAND INSPECTION
- ▶ PREDATOR CONTROL



ANIMAL INDUSTRY DIVISION

2020 GOVERNOR'S AWARD FOR EXCELLENCE

On October 28, 2020 the Utah Department of Agriculture and Food Animal Industry Division received the Governor's Award for Excellence for Innovation and Efficiency. The division was recognized for their efforts to improve the Livestock Inspection Bureau to become more responsive and financially self-sufficient. In 2019 the division launched a multi-pronged action plan to address the productivity challenges keeping the Livestock Bureau from evolving. Innovations were developed that moved the program from inefficient paper-based administrative processes to efficient and safe online processing: These developments included an online Brand Renewal and Registration System, a Mobile Brand Inspection System, and the Livestock Brand Recognition Tool.

Additionally, at the beginning of the COVID-19 pandemic, Meat Inspection Program Manager Noel McSpadden proposed the Temporary Grant of Inspection program, permitting eligible small producers which normally can't sell their products commercially to market and sell meat products. This innovation allowed for meat from struggling producers to reach consumers during the pandemic-related meat shortages.



Left to Right: Anna Marie Forrest, Dr. Robert Erickson, Leann Hunting, Dr. Amanda Price, Bill Durler, Dr. Dean Taylor, Suzanne Butler, Noel McSpadden, Jim Burton, Jermain White, and Shalia Nye-Nai

ANIMAL INDUSTRY DIVISION

ANIMAL HEALTH

The Animal Health Program oversaw several disease outbreaks in 2020 and increased preparedness for disaster and emergency animal disease response. Diseases seen in 2020 include:

- SARS-CoV2 in mink, the first cases in the United States
 - Equine Herpesvirus Myeloencephalopathy (EHM)
 - Rabbit Hemorrhagic Disease
 - West Nile Virus
 - Trichomoniasis
-
- Management of the first SARS-CoV-2 outbreak in the United States: UDAF Animal Health worked with industry partners including the Centers for Disease Control and Prevention, USDA Animal and Plant Health Inspection Service, USDA Wildlife Services, the Utah Department of Health, Utah Veterinary Diagnostic Laboratory (UVDL), and National Veterinary Services Laboratory in a One Health approach to contain the outbreak and allow for the safe movement of product and continuation of business on farms. UDAF Animal Health has been actively involved in the ongoing response development to the changing situation with the pandemic in animals.
 - Disease and disaster preparedness activities included the development of the Community Animal Response Program for animals in disasters, the development of the Utah Secure Milk and Pork Supply Plans for the continuity of business during animal disease outbreaks, and collaboration with private veterinarians, other states, and USDA.
 - Advances in Information Management: Animal Health has been instrumental with advances in information management. Efforts include purchasing a new reporting system for UVDL for rapid and accurate reporting of results to the department and producers. The Department has also been pursuing grants to facilitate the submission of health data electronically to will eliminate transcription errors and provide real-time results to monitor the health of the state. UDAF has been encouraging the use of RFID tags and has been providing tag readers to certain industries. The goal is a smooth transfer of information from the animal to the lab and back to the agencies, veterinarians, and producers in a fully electronic path.

ANIMAL INDUSTRY DIVISION

2020 ANIMAL HEALTH EXPORTS

- CVIs: 7,490
- Animals: 312,819
- Cattle: 137,261
- Pigs: 3,933
- Sheep and Goats: 32,514
- Horses: 8,882

2020 ANIMAL HEALTH IMPORTS

- CVIs: 9,489
- Animals: 3,993,073
- Cattle: 49,091
- Pigs: 23,730
- Sheep and Goats: 5,852
- Horses: 5,664

AQUACULTURE PROGRAM

The Aquaculture, or Fish Health, Program promotes the practice of aquaculture in order to augment food production, expand employment, and promote economic development while protecting the aquaculture industry and the public fishery resource from aquatic animal diseases.

In 2020, Utah imported 1,801,788 aquatic animal eggs (mostly rainbow trout) and 1,667,242 aquatic animals (103,500 bluegill; 240,000 giant river prawns; 867,800 wiper; 86760 tiger muskie; 92,500 fathead minnows; 65,000 black crappie; and a mix of other species).

BRAND INSPECTION PROGRAM

Livestock Inspection Bureau provides quality, cost-efficient, timely, and courteous service to the livestock producers of the state to protect the cattle and horse industry from theft and aid in the recovery of stray livestock to rightful owners.

In 2021, 29,867 brand inspections were performed and 340 head of livestock were reported as estrayed with an approximate value of \$344,950. The Department also made extensive efforts to distribute cattle theft and livestock shooting posters throughout the state to address the unusually high number of these issues this year.

ANIMAL INDUSTRY DIVISION

MEAT AND POULTRY INSPECTION PROGRAM

UDAF's Meat and Poultry Inspection Program (MPIP) consists of 26 meat inspection staff members who oversaw 118 operations, and passed 63,900 harvested animals during the 2020 calendar year.

Once COVID-19 was declared a National Emergency by President Donald Trump on March 13, 2020,

UDAF's MPIP was able to work with producers to bring two additional harvesting and processing establishments under inspection in May 2020. UDAF meat inspectors were able to provide 132 days of additional harvest inspection to requesting establishments (including the two new establishments) across the state and provided inspection for all requested overtime. These collaborative efforts helped sustain the supply of meat to Utahns during the meat shortage of 2020, during the COVID-19 Pandemic.

MEAT INSPECTION BUSINESSES

- State-Inspected: 18
- Talmadge-Aiken: 15
- Custom Exempt: 51
- Farm Custom Slaughter: 34
- Total Businesses: 118



ANIMAL INDUSTRY DIVISION

PREDATOR CONTROL PROGRAM

The Utah Wildlife Services Program (WS) is a cooperative effort between the UDAF and the U.S. Department of Agriculture. Funding comes from state and federal sources, as well as from ranchers who pay a per-head assessment. The focus of the program is to protect livestock; primarily adult sheep, lambs, and calves from predators including coyotes, cougars, bears and ravens.

Predator management is also needed to sustain and improve wildlife populations. The Utah Wildlife Services Program worked with the Utah Division of Wildlife Resources (UDWR) in 22 deer units, 11 sage grouse management areas, 9 bighorn sheep units, 5 pronghorn areas and 8 waterfowl management areas.

WS also plays a critical role in the early detection and management of invasive species, like feral swine. WS conducts aerial surveys in areas with reported and verified sightings of feral swine. WS works with the UDWR and US Fish and Wildlife Service (USFWS) to conduct a feral swine detection project where trained dogs were used to search for any sign or presence of feral swine on several UDWR wildlife management areas and USFWS wildlife refuges.

WS also provides technical assistance and training to the public about problems related to urban wildlife such as skunks, raccoons, birds and other animals. WS continues to conduct disease monitoring in the urban program and responds to human safety cases involving cougars or bears statewide when assistance is requested by the UDWR.

PREDATORS TAKEN STATEWIDE:

- Bears - 25
- Coyotes - 3,430
- Foxes - 115
- Cougars - 28
- Ravens - 2,850
- Turkey Vultures - x



CONSERVATION DIVISION

The Conservation Division of UDAF exists to assist farmers and ranchers in caring for and protecting Utah's natural resources. This is achieved through conservation planning and assistance designed to benefit the soil, water, air, plants, and animals that result in productive lands and healthy ecosystems.

MAJOR PROGRAMS

- ▶ **AGRICULTURE RESOURCE DEVELOPMENT LOAN (ARDL) PROGRAM**
- ▶ **AGRICULTURAL VOLUNTARY INCENTIVE PROGRAM (AGVIP)**
- ▶ **AGRICULTURE WATER OPTIMIZATION PROGRAM**
- ▶ **SOIL HEALTH**
- ▶ **UTAH CONSERVATION COMMISSION AND CONSERVATION DISTRICTS**

CONSERVATION DISTRICTS

Utah is home to 38 conservation districts which enable producers to enhance and protect soil, water and air. Each conservation district has 5 supervisors, elected at large from within each district, making 190 supervisors in total that serve their respective areas throughout the state. Each conservation district is responsible for helping agriculture flourish while protecting the surrounding resources. Water projects made up the majority of funds spent during the past year.

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Utah is home to 38 conservation districts, each with 5 elected supervisors

CONSERVATION DIVISION

AGRICULTURE RESOURCE DEVELOPMENT LOAN (ARDL) PROGRAM

The ARDL Program finances improvements for landowners to provide for greater efficiencies in agriculture operations, rangeland improvements, water and soil conservation, disaster assistance, and environmental quality. In 2021, 17 ARDL applications were submitted to UDAF totaling \$1,831,794.

In 2021 the legislature also allocated an additional \$5 million to the ARDL Program for the Emergency Disaster Relief Loan (EDRL) program. The purpose of the EDRL program is to assist landowners that have been impacted by this year's extreme drought. EDRL loans are 7-year loans that are interest-free for the first two years and low-interest thereafter. Loan payments are not required until 2021. In 2021 UDAF received 36 EDRL requests, totaling \$2,781,000. New requests are received weekly, and it is anticipated that all \$5 million will be expended by the end of the 2022 State fiscal year.

AGRICULTURAL VOLUNTARY INCENTIVE PROGRAM (AGVIP)

AgVIP exists to help producers identify and implement practices that can increase crop yields, improve soil health, and add value to operations while improving water quality. AgVIP is entering its second year of operation and has been very successful in helping producers obtain and follow Comprehensive Nutrient Management Plans (CNMPs). These plans help producers improve profitability in crop and animal agriculture production while also meeting or exceeding state and federal water quality standards.

During CNMP development, every field owned or operated by a producer is evaluated, determining the risk of nutrient movement from the field. These evaluations help producers know the best locations to apply nutrients to maximize crop yields and reduce the risk of runoff leaving their property, which could possibly result in regulatory fines.

In its first year, AgVIP funded 32 applications totaling \$730,542 in incentive payments to producers. This past year, applications for AgVIP more than doubled, funding an additional 69 applications for \$1,489,868. Prior to the creation of AgVIP, records showed that fewer than 9,000 acres in Utah were covered by current CNMPs. In the last two years, AgVIP has taken that number from just under 9,000 acres up to 66,332 acres statewide that are now covered under a CNMP.

CONSERVATION DIVISION

AGRICULTURE WATER OPTIMIZATION GRANT PROGRAM

The Agriculture Water Optimization Grant Program is now in its 3rd year. This program received \$3 million in 2019 and an additional \$3 million in 2021. 17 projects were funded using 2019 grant funding, 13 of which have been completed.

2019 water savings were projected to be over 27,000 acre feet, but reports coming in are under that projection due to the extreme drought conditions. It will take several years of data to get a good baseline on water savings. 21,459 acre feet of water were reported as saved in 2021 by participants.

In 2021, UDAF received 81 water optimization applications, requesting a total of \$10,666,143 in funding. 22 projects were selected to be funded. As of December 2021, UDAF is in the contract phase for these projects and construction could begin in early 2022.

UDAF has been awarded an additional \$20 million for the Agriculture Water Optimization Program. Applications are anticipated to open for this funding in February 2022.



CONSERVATION DIVISION

UTAH SOIL HEALTH PROGRAM

During the 2021 legislative session, the Utah Soil Health Program received ongoing funding and became an official part of the Utah Department of Agriculture and Food. In the summer of 2021, the program hired a program manager and two soil health planners to help educate and encourage landowners to implement soil health practices on their operations. A Soil Health Advisory Committee has also been formed, with the appointment of nine agriculture producers that will oversee the development of the Soil Health Program and help support soil health efforts throughout the state.

In its first year, the program acquired over \$3 million in grants funds that will be used to fund demonstration projects, outreach and education, and research throughout the state. Funding received from the USDA Natural Resources Conservation Service will help fund a large 5-year project that will establish twelve on-farm demonstration and research sites that will evaluate the agronomic, economic, environmental and social benefits of implementing soil health practices in Utah's diverse farming systems. Other grants that have been awarded to the program have assisted with the purchasing of soil health equipment and implementation of soil health practices intended to improve water quality.



LABORATORY SERVICES DIVISION

The Laboratory Services Division operates as a service for the other divisions within UDAF and other state agencies and programs. The division laboratories provide chemical, physical and microbiological analyses of agricultural and food products. Field inspectors from the Plant Industry, Conservation, Regulatory Services and Animal Health Divisions collect most of the samples analyzed by the laboratories. Some samples may only be tested for specific ingredients, as stated by the associated label guarantee; others are also examined for undesirable materials and contaminants.

The labs perform most of their testing on samples for the dairy, animal feed, fertilizer, water quality, hemp, medical cannabis and USDA meat programs. The labs also provide important testing for lower sample volume providers such as the Utah Rapid Response Team, DABC, the EPA pesticide program, and Utah's kratom program.

LABORATORIES

- ▶ **ANALYTICAL CHEMISTRY LAB**
- ▶ **DAIRY TESTING LAB**
- ▶ **FEED AND FERTILIZER LAB**
- ▶ **MEAT TESTING LAB**
- ▶ **PESTICIDE TESTING LAB**



LABORATORY SERVICES DIVISION

ANALYTICAL CHEMISTRY LAB

The Analytical Chemistry Lab uses advanced instrumentation to quantify the amounts of various chemical compounds in specific agricultural products, such as CBD and THC in hemp. They also analyze samples for the presence of common adulterants such as pesticides, mycotoxins, residual solvents, and drugs. The Analytical Chemistry Lab is responsible for testing products registered with the Utah Medical Cannabis Program and the Industrial Hemp Program. These products are tested for their cannabinoid content and adulterants to ensure they comply with state regulations.

DAIRY TESTING LAB

The Dairy Testing Lab is responsible for testing Grade-A milk and dairy products, including pre-pasteurized milk and finished dairy products, such as ice cream, cottage cheese and coffee creamer. The laboratory also administers a laboratory certification program for the local dairy industry.

FEED AND FERTILIZER LAB

The Feed and Fertilizer Lab analyzes feed and fertilizer products to ensure label guarantees. This lab also tests for the presence of harmful adulterants, such as heavy metals or other toxins.

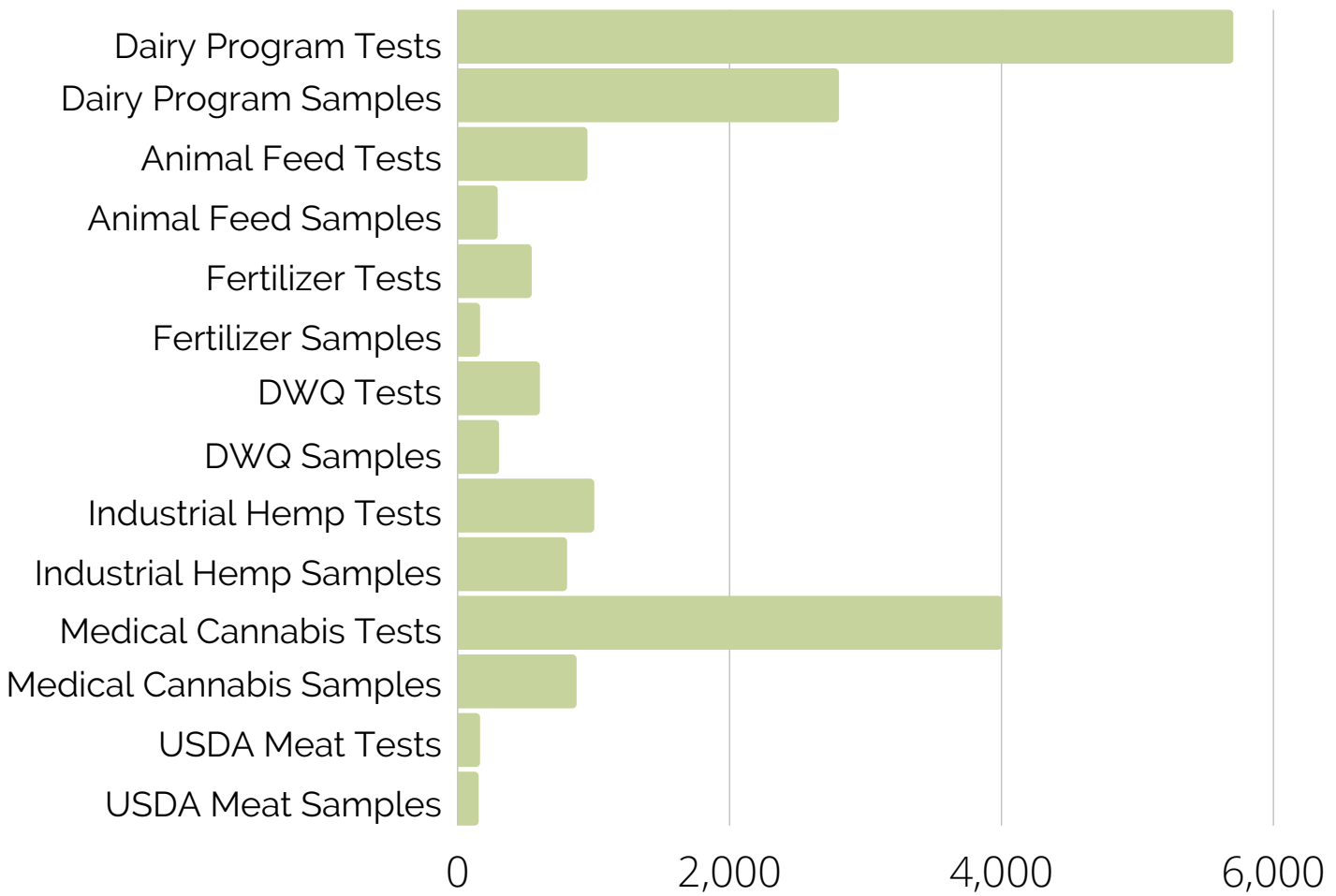
MEAT LAB

The Meat Lab analyzes samples obtained during inspections of plants and processing facilities in Utah. The lab tests for the protein and fat content of the meat samples. Samples are also tested for harmful pathogens to ensure that production plants are following proper hygienic practices.



LABORATORY SERVICES DIVISION

FY 2021 Laboratory Services Tests and Samples



While the sample volumes for other providers are much lower, sometimes only a single sample per year,

- equivalent testing may not be available locally,
- samples may degrade too quickly to ship to other labs,
- the results may have legal ramifications, or
- the results may be time-sensitive.

So, the labs and the programs they work with consider these samples a high priority and worthwhile to continue supporting.

MARKETING AND ECONOMIC DEVELOPMENT DIVISION

UDAF's Marketing and Economic Development (MED) Division works diligently to support the economic prosperity of Utah's food and agriculture producers, raise awareness and support of local agriculture and food products while fostering vibrant, healthy rural economies.

The division also provides support to all UDAF divisions through internal and public communications via the UDAF and Utah's Own websites and social media accounts; content development for print, digital and video needs; and by fostering media relations to disseminate information on issues ranging from program updates to public and animal health emergencies.

The Marketing and Economic Development division is comprised of the International Trade Program, the Specialty Crop Block Grant Program, and the Utah's Own Program. In addition to these programs, the division provides staff support to Utah's Local Food Advisory Council, publishes agricultural market reports, and works closely with community stakeholders and industry leaders.

MAJOR PROGRAMS

- ▶ **ECONOMIC DEVELOPMENT**
- ▶ **INTERNATIONAL TRADE**
- ▶ **LOCAL FOOD ADVISORY COUNCIL**
- ▶ **SPECIALTY CROP BLOCK GRANT PROGRAM**
- ▶ **UDAF COMMUNICATIONS**
- ▶ **UTAH'S OWN**



MARKETING AND ECONOMIC DEVELOPMENT DIVISION

ECONOMIC DEVELOPMENT

The Marketing and Economic Development Division supports the entire spectrum of agricultural production, including agribusiness, farm-to-table, high-tech, urban farms and value-added food and agricultural products, as each responds to a unique market demand. This is accomplished through building collaborative relationships with partners in education, economic development, all levels of government, and especially with our agricultural and food industry partners.

•Meat Infrastructure Feasibility Study:

In 2020, the Marketing and Economic Development (MED) division highlighted our collaboration with Utah State University Extension on the development of the Potential for Growth in Local Processing and Sales of Utah Beef study, which was completed in January 2021. The MED division has continued to work closely with small and medium-sized meat plants throughout the state that are ready to expand their capacity to process local meat or upgrade their inspection status to become USDA-inspected, which expands sales opportunities and supports direct sales by local meat producers. In collaboration with the Utah State University's regional Small Business Development Centers, several small to medium-sized meat plants were able to apply for USDA grant funding for meat and poultry infrastructure, as well as commercial loans needed to finance this growth.



•UDAF Centennial Strategic Plan:

In recognition of the Utah Department of Agriculture and Food's (UDAF) 100th year of serving agricultural producers and food manufacturers, the MED division initiated the UDAF Centennial Strategic Plan, which was completed in December 2021. The strategic planning process was built on insights from producers, leaders, and representatives of agriculture throughout the state to identify the strengths, weaknesses, and opportunities for growth in Utah agriculture and food processing. The goals developed through this process, in alignment with those outlined in Governor Spencer J. Cox's One Utah Roadmap, address critical needs including expanding agricultural infrastructure (agristructure), developing a skilled agricultural workforce, and helping every citizen gain a greater understanding of and connection with local agriculture.

MARKETING AND ECONOMIC DEVELOPMENT DIVISION

LOCAL FOOD ADVISORY COUNCIL

The Local Food Advisory Council was created in 2017 with the purpose of promoting vibrant locally-owned farms, strong communities and healthy eating; enhancing local food economies; and improving local food access for all Utahns. The council holds four annual meetings to bring members of the local food community together to discuss challenges and identify possible solutions.

In 2020 five working groups were created: 1) Innovations in Production, 2) Innovations in Distribution, 3) Agricultural Land Preservation, 4) Regulations, and 5) Statewide Community Food Assessment.

INTERNATIONAL TRADE PROGRAM

UDAF's International Trade Program exists to connect Utah agriculture and food producers with a variety of local and global resources to facilitate growth into international markets. These resources include partnerships with the Western United States Agricultural Trade Association (WUSATA), World Trade Center Utah, the U.S. Commercial Service, and the Salt Lake Regional Small Business Development Center

In 2021, the International Trade Program was approved by WUSATA to host two inbound trade missions in 2022. These missions will feature buyers from Canada, Mexico, and Latin America and will provide eligible agriculture and food producers an opportunity to meet directly with foreign buyers in their home state.

The International Trade Program also worked with representatives from the Small Business Administration and a variety of other export resource partners in the state to found the Utah International Outreach Team (UIOT), a collaborative team of local, state, regional, and federal export assistance agencies. With the "no wrong door" policy, producers interested in exporting can contact any UIOT member for export assistance and will be referred to the correct agency.



MARKETING AND ECONOMIC DEVELOPMENT DIVISION

MARKET REPORTS

Publishing market reports and commodity price information is critical for agriculture producers and agribusinesses. UDAF's Marketing and Economic Development team is proud to provide this important service and regularly shares statewide livestock auction reports as well as information about hay, dairy, and wheat prices.

SPECIALTY CROP BLOCK GRANT PROGRAM

The purpose of the Specialty Crop Block Grant Program (SCBGP) is to enhance the awareness and consumption of specialty crops, defined as "fruits, vegetables, tree nuts, dried fruits, horticulture, and nursery crops (including floriculture).

In 2021, UDAF received two appropriations of USDA Specialty Crop Block Grant Funds, H.R. 133 SCBGP Stimulus Funding (\$489,662.58) and Farm Bill Funding (\$368,005.91). These funds will be distributed through two separate competitive statewide review processes and will ultimately be approved by USDA. During the 2021 round of Farm Bill funding, UDAF received 26 applications with over \$2.2 million in requested funds; of these applicants, seven projects were funded.

UTAH'S OWN PROGRAM

Utah's Own is a marketing program "dedicated to the promotion of locally produced products of agriculture" as outlined in Utah Code Subsection 4-8-104(5). The Utah's Own program supports more than 200 members which include farmers, ranchers, food artisans, restaurants, and other businesses that craft goods using local agricultural products such as florists and body care producers.



In 2021, Utah's Own updated program rules and policy outlining membership eligibility and marketing principles. Due in part to these modifications, Utah's Own has found renewed focus and support among members and consumers. For example, one new rule states that additional marketing support may be given to members who use Utah-grown or raised ingredients in their products. By following this rule, the Utah's Own program has refined its branding to follow the seasonal calendar of Utah's agricultural products like cherries, tomatoes, peaches, and apples. As a result, Utah's Own membership grew by more than 100 percent with the greatest growth found among Utah farmers and ranch membership renewals (an increase of more than 500 percent).

PLANT INDUSTRY DIVISION

The Division of Plant Industry is responsible for ensuring consumers of disease-free and pest-free plants, grains and seeds, properly labeled agricultural commodities, and the safe application of pesticides and farm chemicals.

MAJOR PROGRAMS

- ▶ ANIMAL FEED
- ▶ APIARY
- ▶ FERTILIZER
- ▶ FRUIT AND VEGETABLE INSPECTION
- ▶ GRAIN INSPECTION
- ▶ INSECT
- ▶ INVASIVE SPECIES MITIGATION
- ▶ NOXIOUS WEED
- ▶ NURSERY
- ▶ ORGANIC CERTIFICATION
- ▶ PESTICIDE
- ▶ SEED INSPECTION



PLANT INDUSTRY DIVISION

CHERRY DIVERSION

The Cherry Industry Administrative Board (CIAB) administers a marketing order at the request of, by the vote of, and at the expense of, the tart cherry industry. It was created to assist the industry in dealing with the erratic production cycle of red tart cherries and to improve returns to the growers and processors of red tart cherries in the United States.

The CIAB regulates the processors (aka handlers) of tart cherries. It impacts processors by establishing the portion of each year's production that must be moved into alternative outlets or through alternative options. The order establishes the tools and mechanisms to deal with surpluses or shortfalls of supply for processors.

In 2020, due to a small tart cherry crop nationwide, no diversion was held.

FRUIT AND VEGETABLE INSPECTION

At the request of two onion packing sheds, 4,368,665 pounds of onions were inspected for US No. 1 grade certification following established USDA-FFV marketing standards represented by 63 inspection certificates. Some of these inspections were for shipments destined for Canada.

UDAF also held field inspections and provided sampling and testing for food-borne illness microbial contamination on onions which helps meet food safety standards for certain onion processors and restaurant contracts.

At the request of one apple packing shed, 795,480 pounds of apples were inspected for US Extra Fancy grade certification following established USDA-FFV marketing standards represented by 20 inspection certificates.



PLANT INDUSTRY DIVISION

FERTILIZER PROGRAM

Administration of the Utah Fertilizer Act (Title 4, Chapter 13) involves regulating the registration, manufacture, distribution, sale, use and storage of fertilizer products. UDAF regulates and licenses fertilizer blenders, monitors the applicators that spray or apply fertilizer, conducts a tonnage assessment program of fertilizers distributed in the state and takes samples for testing and analysis. 2020 data:

545	Fertilizer Registrants	6,373	Fertilizer Products Registered
208	Official Samples Submitted for Analysis	18	Number of those Samples Not Registered at the Time of Sampling
5	Number of Samples in Violation of the Guaranteed Analysis	2.4%	Violation Percentage
		0	Number of Citations Issued
52	Number of Fertilizer Blender Licenses Issued		

COMMERCIAL FEED

Administration of the Utah Commercial Feed Act, (Title 4, Chapter 12) involves regulating the registration, manufacture, distribution, and sale of feed products. UDAF regulates customer formula feed manufacturers and takes samples of commercial feed products for testing and analysis. Feed safety inspections relating to Bovine Spongiform Encephalopathy (BSE or mad cow disease) are also conducted under an FDA contract. 2020 data:

925	Feed Registrants	16,839	Feed Products Registered
348	Official Samples Submitted for Analysis	18	Number of those Samples Not Registered at the Time of Sampling
5	Number of Samples in Violation of the Guaranteed Analysis	1.44%	Violation Percentage
		0	Number of Citations Issued
51	Number of Custom Formula Feed Mix Licenses Issued	3	Out-of-Business Inspections for FDA
49	BSE Inspections for FDA	30	Official Establishment Inventory Inspections for FDA

PLANT INDUSTRY DIVISION

INSECT AND PEST PROGRAM

Managing insects is essential to the department's mission to "promote the healthy growth of Utah agriculture, conserve our natural resources and protect our food supply."

Although most insects are beneficial, pest infestations can be devastating and UDAF's Plant Industry has been addressing insect issues since pioneer agriculture began here 160 years ago.

The importance of early detection and rapid response to invasive pests is critical for agriculture's future success. Invasive pests and diseases are moving around the world at an alarming rate due to the growth of commerce and worldwide trade. These developments have created challenges and new pathways of introduction. Agricultural pests have the potential to impact our nation's food crops much like a natural disaster, with annual losses estimated to be between 20-25% depending on host and species. While many insects are beneficial and we support pollinators, invasive pest infestations can be devastating to agriculture, as well as our environment.

INVASIVE INSECT DETECTION

Japanese beetle: (*Popillia japonica*) is an exotic pest of turf, ornamental, vegetable and fruit plants. Established populations are found in most states east of the Rocky Mountains. In Utah, small populations of this pest have been detected in recent years. In response, UDAF has declared an insect infestation emergency and eradication efforts to eliminate the pest are underway. In 2020, a total of 176 acres of irrigated turf were treated throughout Davis and Salt Lake counties. In that same year, 4,538 Japanese beetle traps were placed across the state in all 29 counties. A total of 105 beetles were found in five counties (Carbon, Davis, Salt Lake, Utah, Weber). In a sign of the eradication's progress, the Japanese beetle population in Salt Lake County was reduced by 58% compared to the previous year. In 2021, high density (delimiting) trapping continues in areas where beetles have been detected; turf treatments continued in Davis and Salt Lake counties and treatments began in other counties (Utah and Weber).



PLANT INDUSTRY DIVISION

INVASIVE INSECT DETECTION (CONT'D)

Gypsy moth: European gypsy moth (*Lymantria dispar*) is an invasive defoliator of many species of hardwood trees. Populations are established in the New England and parts of the Midwest and South. UDAF monitors for introductions of this pest. In 2020, 1,968 European gypsy moth (*Lymantria dispar*) traps were deployed around the state. A single gypsy moth was found in Salt Lake County. To determine whether a gypsy moth population is present in this area, approximately 100 traps are being deployed around the capture site. Standard detection efforts in the rest of the state will continue.

Emerald ash borer: Emerald ash borer (*Agrilus planipennis*) is a devastating invasive pest of all ash species (*Fraxinus*) that is found in many eastern states and Colorado. The USDA Animal Plant Health Inspection Service (APHIS) recently ended its emerald ash borer quarantine and trapping efforts. As a result, UDAF proposed enacting a state quarantine of this pest in 2020. Trapping efforts were also expanded. A total of 68 traps were placed across nine counties. No target pests were detected.

European corn borer: European corn borer (*Ostrinia nubilalis*) is a pest of corn and other field crops that was accidentally introduced into Massachusetts over 100 years ago. It has since spread throughout most states east of the Rocky Mountains. UDAF conducts an annual survey of this pest. In 2020, 12 counties were surveyed for European corn borer; a total of 76 traps yielded no target pests.

Pine shoot beetle: The invasive pine (*Pinus*) boring insect pine shoot beetle (*Tomicus piniperda*) was first found in Ohio in 1992. It has spread throughout the Midwest since that time. UDAF monitors for this pest annually. In 2020, 24 traps were placed among five different counties. No target pests were found in any of the trapping sites.



PLANT INDUSTRY DIVISION

APIARY INSPECTIONS

The history of Utah's Apiary Program dates back prior to statehood, when the area was still a United States (U.S.) territory. It was created by the local legislature at the behest of resident beekeepers, whose hives were being decimated by contagious diseases. While much has changed since the program's founding, the core goal of protecting honey bee *Apis mellifera* (Linnaeus) health remains the same.

In 2020, state inspectors visited 164 operations and inspected 1,092 individual hives. American foulbrood (AFB) *Paenibacillus larvae*, the most deadly and contagious of brood (larvae) diseases, was found in 1.9% of hives inspected. This was a slight uptick from last year, but still significantly below the 3.9% infection rate in 2018, which marked a decades-long high. The UDAF Apiary Program's goal is to keep this disease's incidence below 1% of colonies.

European foulbrood (EFB) *Melissococcus plutonius* disease was found in 3.6% of hives, which is a dramatic decrease from the previous year (8.4%). EFB is a less serious brood disease than AFB, but it is nonetheless undesirable due to its negative impact on colony health.

The fungal brood pathogen chalkbrood *Ascosphaera apis* was found in 1.8% of hives inspected. Like EFB, it is considered a less problematic malady than AFB, but persistent infections can nonetheless contribute to colony losses.

Varroa mite *Varroa destructor* (Anderson and Trueman), the most devastating honey bee pest, and a condition associated with this parasite known as parasitic mite syndrome (PMS) were up compared to the previous year.

Despite finding the invasive bee pest small hive beetle (SHB) *Aethina tumida* (Murray) every year since 2016, no SHB were detected in 2020. The pest has previously been confirmed in Davis, Millard and Washington counties. Utah's dry climate is thought to be unaccommodating to SHB, which may explain why none were found in 2020.

AFRICANIZED HONEY BEE

In 2008, Africanized honey bee (AHB) *Apis mellifera scutellata* (Lepeletier) was first detected in Southern Utah; shortly after the UDAF Apiary Program began monitoring its spread through the state. The counties with known established AHB populations are: Emery, Garfield, Grand, Iron, Kane, San Juan, Washington, and Wayne. State inspectors continue to track movement to new areas by testing feral bees and aggressive managed colonies in uninfested counties. The UDAF Apiary Program is committed to ensuring that all stakeholders are made aware whenever AHB moves into new areas. No new county records were found in 2020.

PLANT INDUSTRY DIVISION

INVASIVE SPECIES MITIGATION

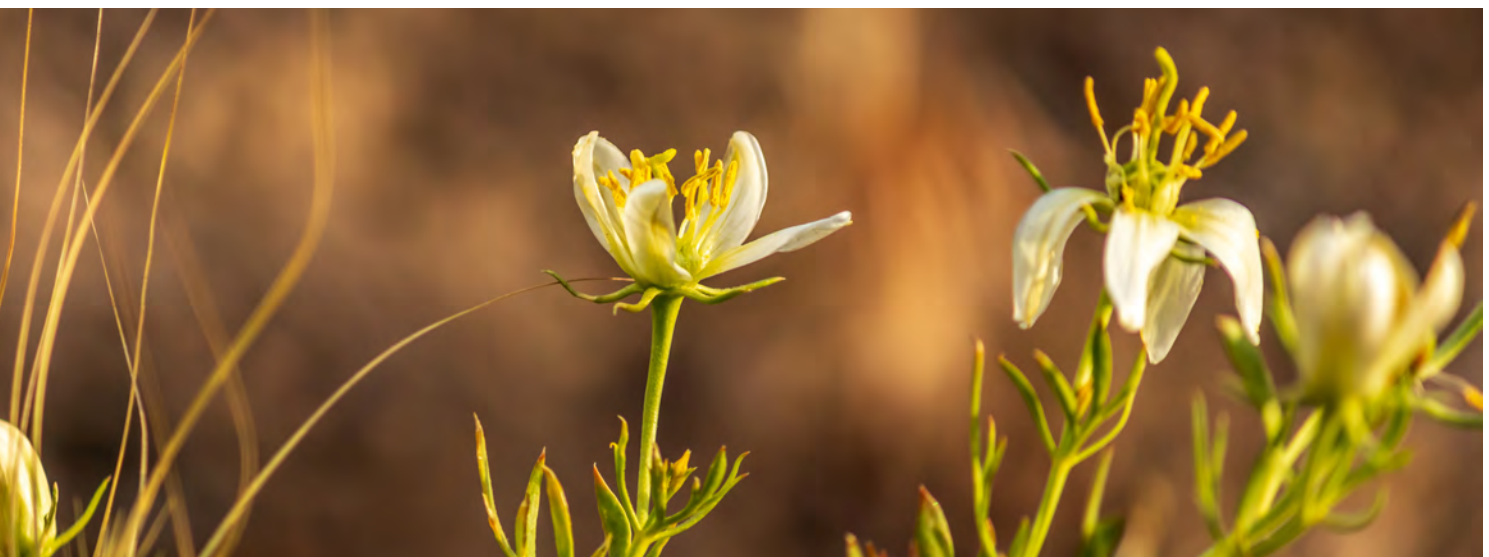
The Invasive Species Mitigation (ISM) program protects Utah's natural resources, agriculture and economy through competitive grants with county Cooperative Weed Management Areas, state and federal agencies, and private property owners.

In FY2021 the program noted a 32% increase in project requests. The program was able to fund 45 projects across the state with a fund allocation of \$1.8 million. Matching funds and in-kind contributions were at a 2:1 ratio which allowed for a tremendous amount of work to be accomplished. The ISM program moved into its fourth year of statewide project monitoring and published the results of the success of these projects in the ISM yearly annual monitoring report. Monitoring efforts hold projects accountable, provides transparency, ensure best practices, while providing information to ensure a high degree of success.

In FY2021 the program added soil carbon monitoring to the monitoring protocols to create a baseline on restoration activities associated with invasive species and carbon sequestration. The ISM program improved its Spatial Invasive Infestation Priority Analyst (SIIPA) tool for a more powerful project analysis utilizing both state and federal indexes. These enhancements improved the ease of use for customers while providing a more dynamic set of data files for grant administration.

The ISM program has now over 194,000 invasive species data points state wide covering all 29 counties. These data points are captured by over 290 volunteer field workers collecting data within the system. These data points are verified for accuracy by 29 trained verifiers assigned within each county.

In FY2021 the ISM program launched a new grant management platform statewide in an effort to be more efficient in grant administration, standardize incoming file formats, reduce the number of errors in our databases, provide transparency, centralize the storage of all documents and supporting files, and provide document process tracking. The 2021 platform launch was a success and the platform has moved into its second year with the 2022 grant opportunity.



PLANT INDUSTRY DIVISION

SEED INSPECTION AND TESTING PROGRAM

Administration of the Utah Seed Act (Title 4, Chapter 16) involved the inspection and testing of seeds offered for sale in Utah. The Utah Seed Control Officials issue letters of violation on all lots of seeds that are in violation of the seed act. The labelers of the seed have 15 days to correct the violation. Inspectors make an inspection of the seed lots to determine if the violation has been promptly corrected. Seed lots are withheld from sale until the violation is corrected. Citations are issued for habitual labeling violations, and noxious and restricted weed contamination. 2020 data:

470	Official Samples Submitted for Analysis	1,764	Number of Service Samples Submitted by Industry
2,234	Total Number of Seed Samples	62	Number of Samples in Violation
11	Number of Citations Issued	7.58%	Violation Percentage
8	Number of Bird Seed Feed Samples Screened for Noxious Weeds		

Through services provided by UDAF's Seed Inspection Program and Pytosanitary Certification Program, several companies have been able to develop and expand their international markets for vegetable and small grain seed.

UDAF seed inspectors have also sampled wheat and triticale from across the state as part of the Karnal Burnt disease survey conducted in cooperation with USDA Animal and Health Inspection Service Plant Protection and Quarantine. Verifying that this disease does not occur in Utah keeps international wheat grain markets open.



PLANT INDUSTRY DIVISION

NURSERY PROGRAM

UDAF's Nursery Program exists to protect Utah's nursery and landscape industries by monitoring for, intercepting and preventing the spread and establishment of economically and environmentally significant pests on nursery stock, as well as ensuring pest-free and healthy plant materials offered for sale to the public and interstate commerce.

In 2020, UDAF inspected 617 of the state's 649 licensed nurseries and reviewed over 2,000 interstate plant shipments for quarantine compliance.

ORGANIC CERTIFICATION PROGRAM

UDAF is a proud certifier for the USDA National Organic Program (NOP). Since 2001, UDAF has certified crops, processed products, and livestock for Utah producers enabling them to sell and market their products all over the world as a trusted and reliable organic source. UDAF conducted annual inspections at all certified facilities. UDAF also conducted random and risk-based unannounced inspections along with residue sampling to ensure that UDAF certified NOP organic operations were meeting expectations.

In 2020, the UDAF Organic Program certified 86 farms, processors, and livestock operations within the state of Utah. UDAF welcomed 16 new certified operations in 2020. The program certified over 64,197 organic acres consisting of mostly hard red winter wheat along with safflower, alfalfa, pasture, and assorted fruits and vegetables.

Within the processing and handling certification, UDAF approved more than 600 new products in 2020, increasing the total of organic certified product by UDAF to over 1,200. UDAF also facilitated these operations with trade to foreign countries in the form of export documents allowing their products to enter the foreign country. The following countries received exports from Utah producers: China, Canada, Japan, Korea and countries within the EU. Companies and farms certified by UDAF totaled over \$135,000,000 in organic sales.

PHYTOSANITARY PROGRAM

UDAF's Phytosanitary Program is in place to safeguard agriculture and natural resources and to prevent the establishment and spread of economically and environmentally significant pests, and facilitates the safe trade of agriculture products on an international and interstate level. In 2020 UDAF issued 1,985 Phytosanitary certificates.

PLANT INDUSTRY DIVISION

PESTICIDE PROGRAM

Ufy2021 Data: The UDAF Pesticide Program is partially funded by the US Environmental Protection Agency and operates on the federal fiscal year.

Pesticide Registration: A pesticide manufacturer must register their pesticide product with the State in order to sell it to or within the state. 13,672 pesticide products were registered. Approximately 20 products were denied registration because they either needed to be federally registered, did not meet the criteria to exempt them from federal registration, or they could not provide efficacy data for their claims.

Licensing Data: 1,478 commercial pesticide businesses were licensed, which includes pest control operators, landscapers, and others that apply pesticides commercially for compensation. There were 12,331 certified and licensed applicators, which includes commercial applicators, government employees, farmers, and others that require licensing to apply pesticides.

Continuing Education Units (CEU's): CEU's are opportunities for updating knowledge or skills and are required for licensed applicators to renew their licenses. Typically these are live, in-person events sponsored by UDAF, Utah State University, or industry groups. Since the start of COVID-19, most presentations have been online. Members of the Pesticide Program Team have given approximately 50 presentations, mostly online.

Restricted Use Pesticide (RUP) Dealer: In order to buy or apply a RUP, an applicator's license is required. Likewise, to sell a RUP, the dealer must have an RUP Dealer license. In FY2021 137 companies were licensed to sell RUP's in or into Utah. As of November 1, 2020 RUP Dealer applicants and renewals are required to complete an online training so that dealers are made fully aware of RUP Dealer regulations, and are shown what RUP sales data they must record and submit to UDAF.

Waste Pesticide Disposal: With the cooperation of UDOT, UDAF held 3 waste pesticide collection events at UDOT road sheds during October 2020, located in Bothwell, Salt Lake City, and Richfield. A total of 10.5 tons was collected and properly disposed of via contract with Clean Harbors, Inc.

Inspections and Investigations: The Pesticide Program performs random inspections with applicators, dealers, manufacturers and others to ensure that they are using, selling, and/or manufacturing pesticides according to state and federal law. Pesticide related complaints are investigated to ascertain violations, causes and responsible parties. Regulatory actions include written warnings, citations, and license suspension or revocation.

As of August 10, 2021 in federal FY2021, the Pesticide Program had completed 492 inspections and investigations. Regulatory actions were taken in approximately 90 of the cases, the majority of which were written warning.

Disinfectants and other products that claim to kill germs and other microorganisms are pesticides. The Program continues to look for and identify such products that are being sold illegally or are making unsubstantiated claims. Such products are removed from market via Stop Sale orders.

REGULATORY SERVICES DIVISION

Protecting the safety and integrity of the food supply is one of the Utah Department of Agriculture and Food's core functions. The UDAF Division of Regulatory Services operates with regulatory oversight of a wide spectrum of programs to ensure wholesome, clean, and uniform products throughout the state. The division works tirelessly using its many tools to protect consumers and promote agriculture.

MAJOR PROGRAMS

- ▶ **BEDDING, UPHOLSTERED FURNITURE, AND QUILTED CLOTHING**
- ▶ **DAIRY PROGRAM**
- ▶ **EGG AND POULTRY GRADING AND INSPECTION**
- ▶ **MANUFACTURED FOOD**
- ▶ **PRODUCE SAFETY**
- ▶ **RETAIL FOOD**
- ▶ **WEIGHTS AND MEASURES**



REGULATORY SERVICES DIVISION

EGG AND POULTRY GRADING

The Egg and Poultry Grading Program provides a needed grading service to the industry and consumers of Utah, the United States and throughout the world. Grading provides a standardized means of advertising the marketability of a particular commodity. Through the application of uniform grade standards, both eggs and poultry can be classified according to a range of quality characteristics. Buyers, sellers and consumers alike can communicate about these characteristics through a common language. The use of the official USDA grade shield certifies that both eggs and poultry have been graded under the continuous inspection of federally licensed grading personnel. USDA's grading services are voluntary and self-funding. Egg packers and poultry processors who request this service pay for all of the services involved. Program activities include:

- Shell Egg Grading
- Egg Products Inspection
- Shell Egg Surveillance
- Poultry Grading
- Commodity Destination Inspections
- Federal Purchase Program

During FY2020, USDA-licensed egg graders graded 97,030,350 dozen USDA-graded eggs, 74,331,447lbs of egg products, 18,805,438lbs of A Grade whole turkey and turkey parts, Utah is one of few states that is a "surplus state" with egg production; producing not only enough eggs to feed Utah's citizens, but those of other states as well.

PRODUCE SAFETY

The Produce Safety Rule establishes science-based minimum standards for safe production and harvesting of fresh fruits and vegetables. These standards are based on a foundation of Good Agricultural Practices (GAPs).

New in 2020 were a series of educational materials developed in coordination with the Plant Industry team, including a Farm Resource Binder which includes many Farm Food Safety Plan Templates and resource materials for managing a produce farm. UDAF Produce Safety staff are coordinating with Utah State University to complete grower trainings throughout the state. UDAF was also awarded five more years of grant funding to offer educational opportunities to all farms, whether they are exempt or covered by the Produce Safety Rule. A large majority of Utah produce growers are exempt from this rule.

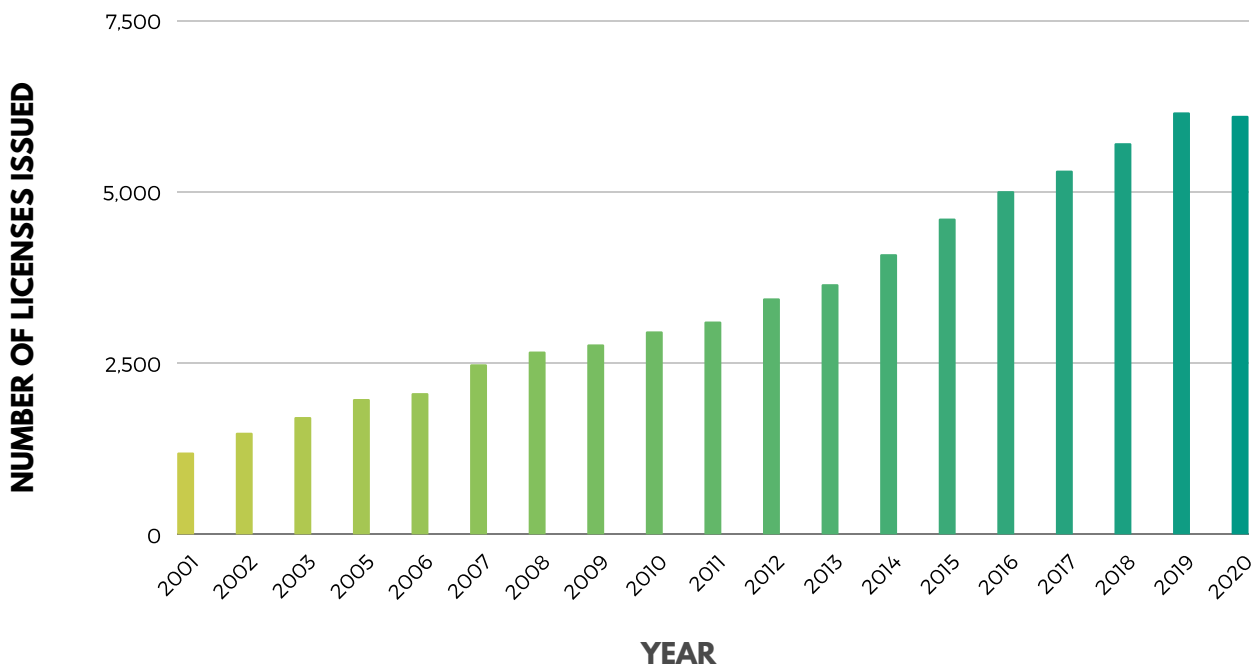
REGULATORY SERVICES DIVISION

BEDDING, UPHOLSTERED FURNITURE, AND QUILTED CLOTHING PROGRAM

The purpose of the Bedding, Upholstered Furniture, and Quilted Clothing Program is to protect consumers against fraud and product misrepresentation, to ensure Utahns of hygienically clean products, and to provide allergy awareness. This enables consumers to make informed buying decisions based on price, value, and performance and helps maintain equality in the marketplace for manufacturers. Utah law requires manufacturers, supply dealers, wholesalers, sterilizers, and repairers of these products and their components to obtain an annual permit before offering items for sale within the state. Products in retail markets are inspected to ensure compliance and Utah's manufacturing sites are inspected for cleanliness and truthful labeling. Laboratory-testing of suspect products is conducted to determine whether their contents are accurately labeled and free from filth and other contaminants.

In 2020, Utah issued approximately 6,100 licenses which generated nearly \$600,000 in revenue. The number of active licenses has more than quadrupled since 2001. The program utilizes three and one half full time employees.

NUMBER OF BEDDING, UPHOLSTERED FURNITURE, & QUILTED CLOTHING LICENSES ISSUED 2001-2020



REGULATORY SERVICES DIVISION

MANUFACTURED FOOD

The Manufactured Food Program is responsible for the oversight of Utah's food processors and manufactures. As of FY2021, UDAF oversaw 1,029 firms. Risk-based inspections are conducted at these firms to assess compliance with state and federal food safety laws and rules. As all Food Safety Modernization Act (FSMA) rules have been fully implemented, these inspections have become more complex and time consuming. Select manufactured food inspectors also conduct FDA inspections under contract. These inspectors are highly trained and credentialed to conduct more complex FDA regulations.

During 2020, manufactured food inspectors conducted 1,119 inspections including routine, follow-up, pre-operational, consultations, and FDA contract inspections. Risk assessments are conducted at every routine inspection. Factors such as food complexity, processing requirements, who the food will be shipped to, and the firm's compliance history are considered during the assessment. The other inspection types that occur less frequently are: complaints, illness investigations, plan reviews, and truck wrecks.

The year 2020 was very challenging due to the global COVID-19 pandemic. Inspection numbers were down significantly due to mandatory work stoppages and difficulty gaining entrance into some of the state's food processing firms, even after the mandatory work stoppages ended. For example, in a normal year, the program would have conducted around 1000 routine manufactured food inspections. In 2020, the program was able to conduct only 608 routine inspections.



REGULATORY SERVICES DIVISION

WEIGHTS AND MEASURES

The purpose of the Weights and Measures Program is to ensure that equity prevails in the marketplace and that commodities bought or sold are accurately weighed or measured and properly identified. The program also works to prevent fraud by routinely conducting unannounced inspections and educating both the buyer and supplier. This division contains the Metrology Lab which houses the state's primary standards of mass, length, and volume; conducts tests and certifies mass and volume standards used by industry and businesses.

LARGE SCALES

THESE DEVICES INCLUDE SCALES USED FOR WEIGHING LIVESTOCK, COAL, GRAVEL, VEHICLES AND SIMILAR ITEMS. A TOTAL OF 1,408 ESTABLISHMENTS THAT HAVE LARGE CAPACITY SCALES WERE INSPECTED IN FY2021..

SMALL SCALES

IN FY2021, 10,779 SMALL SCALE DEVICES FROM GROCERY STORE CHECK STANDS, BUTCHERS, SHIPPING, ETC. AND PRECISION SCALES USED IN PAWN SHOPS, GOLD BUYING, AND CANNABIS WERE INSPECTED..

PRICE VERIFICATION

ALL BUSINESSES THAT USE A CHECK-OUT REGISTER AT THE FINAL POINT OF SALE AS A MEANS FOR PRICING FOR COMMERCIAL SALES ARE SUBJECT TO INSPECTION. IN FY2021, 2,149 PRICE CHECK VERIFICATIONS WERE PERFORMED.

MOTOR FUEL

IN FY2021, 32,983 FUEL DEVICES WERE INSPECTED IN UTAH, A 50% INCREASE FROM THE YEAR PRIOR.. THE FUEL LAB ANALYZED 206 SAMPLES, A 21% INCREASE FROM THE YEAR PRIOR.

METROLOGY LAB

SETS STANDARDS THAT ARE USED IN CALIBRATION SERVICES FOR GOVERNMENT, INDUSTRY, AND BUSINESSES THAT ARE THE FOUNDATION FOR ASSURING EQUITY IN THE MARKETPLACE. CALIBRATIONS PERFORMED IN THE LABORATORY ARE TRACEABLE TO THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY.. IN FY2021 THE LAB TESTED 137 WHEEL LOAD WEIGHERS, 3,116 MASS ARTIFACTS, AND 137 VOLUME ARTIFACTS.

2021 UTAH AGRICULTURAL STATISTICS



Rank & Quantity Produced, Selected Commodities – Utah, Leading State, & United States: 2020

Commodity	Unit	Utah		Leading State		United States
		Rank	Production	State	Production	
Field Crops						
Barley.....	(1,000 bu)	13	1,020	Idaho	55,000	170,813
Corn, Grain	(1,000 bu)	41	4,321	Iowa	2,283,300	14,111,449
Corn, Silage	(1,000 tons)	25	1,196	Wisconsin	20,160	137,675
Hay, All.....	(1,000 tons)	23	2,540	Texas	9,604	126,812
Hay, Alfalfa.....	(1,000 tons)	12	2,090	Idaho	4,545	53,067
Hay, Other.....	(1,000 tons)	36	450	Texas	9,065	73,745
Safflower Production.....	(1,000 lbs)	4	18,040	California	48,645	147,800
Wheat, Winter	(1,000 bu)	25	5,194	Kansas	281,250	1,171,397
Fruits						
Tart Cherry Production.....	(mil lbs)	2	29	Michigan	69	140
Livestock ¹						
All Cattle & Calves.....	(1,000 head)	34	800	Texas	13,100	93,595
All Cows ²	(1,000 head)	33	440	Texas	5,300	40,958
Calf Crop.....	(1,000 head)	30	385	Texas	4,600	35,136
Beef Cows ²	(1,000 head)	27	345	Texas	4,685	31,158
Milk Cows ²	(1,000 head)	21	95	California	1,720	9,440
Milk Production.....	(mil lbs)	21	2,227	California	41,282	223,220
All Chickens (Excl Broilers).....	(1,000 head)	22	6,457	Iowa	59,825	518,279
Layers on Hand Dec. ¹	(1,000 head)	22	5,071	Iowa	48,176	391,010
Egg Production ³	(mil eggs)	21	1,447	Iowa	15,385	111,573
All Hogs & Pigs.....	(1,000 head)	15	1,000	Iowa	24,500	76,822
Breeding Hogs & Pigs.....	(1,000 head)	16	90	Iowa	950	6,176
Pig Crop ³	(1,000 head)	16	1,824	Iowa	23,868	139,059
Market Hogs & Pigs	(1,000 head)	15	910	Iowa	23,550	70,646
Honey Production.....	(1,000 lbs)	24	952	North Dakota	38,610	147,594
All Sheep & Lambs.....	(1,000 head)	5	285	Texas	730	5,170
Breeding Sheep & Lambs.....	(1000 head)	4	245	Texas	570	3,780
Lamb Crop.....	(1,000 head)	2	230	Texas	365	3,210
Market Sheep & Lambs.....	(1,000 head)	9	40	California	250	1,390
Wool production.....	(1,000 lbs)	3	2,080	Colorado	2,500	23,124
Mink pelt production.....	(1,000 pelts)	2	387	Wisconsin	404	1,405
Trout sold ⁴	(1,000 dollars)	7	926	North Carolina	7,535	94,557
Miscellaneous						
Farms.....	(number)	37	17,800	Texas	247,000	2,019,000
Land in farms	(1,000 acres)	26	10,700	Texas	126,000	896,600
Average size of farm	(acres)	12	601	Wyoming	2,417	444

¹ Inventory January 1, 2021 for cattle and sheep; December 1, 2020 for hogs and chickens.

² Cows and heifers that have calved.

³ Pig crop & Egg production for the marketing Year December 1, 2019-November 30, 2020.

⁴ Excluding Eggs.

Record Highs & Lows: Acreage, Yield, & Production of Crops – Utah

Units	Record High		Record Low		Record Began
	(Quantity)	(Year)	(Quantity)	(Year)	(Year)
Corn for Grain					
Harvested(1,000 Acres)	34	2012	2	1963,1966	1882
Yield.....(Bushels/Acre)	182.0	2018	14.7	1889	1882
Production(1,000 Bushels)	5,678	2012	85	1934	1882
Corn for Silage					
Harvested(1,000 Acres)	80	1975,1976	2	1920,1921,1922	1919
Yield.....(Tons/Acre)	25.0	2011, 2017	6.0	1934	1919
Production(1,000 Tons)	1,501	1980	17	1921	1919
Barley					
Harvested(1,000 Acres)	190	1957	8	1898	1882
Yield.....(Bushels/Acre)	93.0	2019	22.0	1882	1882
Production(1,000 Bushels)	12,880	1982	242	1882	1882
Oats					
Harvested(1,000 Acres)	82	1910	2	2015	1882
Yield.....(Bushels/Acre)	85.0	2002, 2015	25.0	1882,1883	1882
Production(1,000 Bushels)	3,338	1914	170	2015	1882
All Wheat					
Harvested(1,000 Acres)	444	1953	65	1880,1881	1879
Yield.....(Bushels/Acre)	59.9	2016	15.4	1919	1879
Production(1,000 Bushels)	9,750	1986	1,139	1882	1879
Other Spring Wheat					
Harvested(1,000 Acres)	119	1919,1920	7	2007	1919
Yield.....(Bushels/Acre)	65.0	1995	18.7	1919	1919
Production(1,000 Bushels)	3,366	1953	390	2002	1919
Winter Wheat					
Harvested(1,000 Acres)	342	1953	94	2018	1909
Yield.....(Bushels/Acre)	60.0	2016	12.7	1919	1909
Production(1,000 Bushels)	8,100	1986	1,862	1924	1909
All Hay					
Harvested(1,000 Acres)	760	2011	402	1909	1909
Yield.....(Tons/Acre)	3.93	1999	1.77	1924	1909
Production(1,000 Tons)	2,788	1999	679	1934	1909
Alfalfa Hay					
Harvested(1,000 Acres)	580	2011	359	1934	1919
Yield.....(Tons/Acre)	4.40	1993,1998,1999	1.67	1934	1919
Production(1,000 Tons)	2,420	1999	600	1934	1919
Other Hay					
Harvested(1,000 Acres)	180	2011, 2020	75	1934	1919
Yield.....(Tons/Acre)	2.50	2019, 2020	0.85	1934	1919
Production(1,000 Tons)	450	2020	64	1934	1919
Safflower					
Harvested(1,000 Acres)	31	2010	13	2019	2010
Yield.....(Lbs/Acre)	1,050	2019	430	2012	2010
Production(1,000 Lbs)	22,940	2010	9,890	2012	2010
Apples					
Utilized Prod.(Million Lbs)	63	1987	3	1889	1889
Apricots					
Utilized Prod.(Tons)	10,000	1957	0	1972,1975,1999	1929
Peaches (Freestone)					
Utilized Prod.(Tons)	22,100	1922	750	1972	1899
Sweet Cherries					
Utilized Prod.(Tons)	7,700	1968	0	1972	1938
Tart Cherries					
Utilized Prod.(Million Lbs)	50	2014	1	1972	1938

Record Highs & Lows: Livestock, Poultry, Honey, & Mink – Utah

Units	Record High		Record Low		Record Began
	(Quantity)	(Year)	(Quantity)	(Year)	(Year)
Cattle & Calves					
Inventory Jan. 1 (1,000 Hd)	950	1983	95	1867	1867
Calf Crop (Annual) (1,000 Hd)	400	2000, 2001	310	1935, 1984	1920
Beef Cows Jan. 1 ¹ (1,000 Hd)	374	1983	107	1939	1920
Milk Cows Jan. 1 ¹ (1,000 Hd)	126	1945	14	1867	1867
Milk Production (Annual) (Million Lbs)	2,322	2018	412	1924	1924
Cattle on Feed Jan. 1 (1,000 Hd)	81	1966	20	2017, 2018, 2020	1942
Hogs & Pigs					
Inventory Dec. 1 ² (1,000 Hd)	1,000	2020	4	1866, 1867, 1868	1866
Sheep & Lambs					
Total Inventory Jan. 1 (1,000 Hd)	2,935	1931	260	2004	1920
Breeding Inventory Jan. 1 (1,000 Hd)	2,775	1931	157	1867	1867
Lamb Crop (Annual) (1,000 Hd)	1,736	1930	220	2010	1924
Mkt Sheep & Lambs Jan. 1 (1,000 Hd)	70	1995	18	1988	1937
Chickens					
Layers Dec. 1 (1,000 Hd)	5,252	2016	1,166	1935	1925
Egg Production ³ (Million Eggs)	1,513	2017	142	1924	1924
Honey					
Production (Annual) (1,000 Lbs)	4,368	1963	638	2019	1913
Mink					
Pelts Produced (1,000 Pelts)	959	2014	283	1973	1969

¹ Cows & heifers two years old & over prior to 1970; cows that have calved beginning in 1970.

² January 1, estimates discontinued in 1969. December 1, estimates beginning in 1969.

³ Annual egg production estimates cover the period December 1, previous year through November 30.

Census of Agriculture: Producer & Farm Characteristics of Veterans, Young Producers, & New & Beginning Producers - Utah: 2017

Characteristic	All Producers	Veterans	Young Producers ¹	New & Beginning Producers ²
Producers.....	32,495	2,554	3,392	9,198
Farms.....	18,409	2,467	2,526	5,888
Land in Farms.....	10,811,604	926,918	1,019,791	2,924,661
Farms by Size:				
1 to 9 Acres.....	6,181	798	908	2,403
10 to 49 Acres.....	5,254	723	639	1,663
50 to 179 Acres.....	3,159	412	438	890
180 to 499 Acres.....	1,768	257	247	459
500 acres or More.....	2,047	277	294	473
Value of Ag Products Sold.....Farms	18,409	2,467	2,526	5,888
.....\$1,000	1,838,610	117,757	315,472	351,859
Value of Crops.....Farms	8,326	1,133	963	2,316
.....\$1,000	560,956	39,394	109,079	126,513
Value of Livestock.....Farms	9,728	1,208	1,565	3,138
.....\$1,000	1,277,653	78,363	206,393	225,347
Farms by Economic Class:				
Less than \$1,000.....	5,642	823	728	2,053
\$1,000 to \$2,499.....	2,120	292	314	778
\$2,500 to \$4,999.....	2,015	314	183	657
\$5,000 to \$9,999.....	2,198	277	307	716
\$10,000 to \$24,999.....	2,214	264	339	632
\$25,000 to \$49,999.....	1,229	176	163	310
\$50,000 or More.....	2,991	321	492	742
Sex of Producer:				
Male.....	20,759	2,468	2,098	5,583
Female.....	11,736	86	1,294	3,615
Primary Occupation:				
Farming.....	10,711	1,249	952	2,039
Other.....	21,784	1,305	2,440	7,159
Years on Present Farm:				
2 Years or Less.....	1,948	76	712	(N/A)
3 or 4 Years.....	2,847	142	760	(N/A)
5 to 9 Years.....	4,951	202	1,192	(N/A)
10 Years or More.....	22,749	2,134	728	(N/A)
Years Operating Any Farm:				
5 Year or Less.....	4,934	207	1,705	(N/A)
6 to 10 Years.....	4,264	206	978	(N/A)
11 Years or More.....	23,297	2,141	709	(N/A)
Age Group:				
Under 25 Years.....	538		538	538
25 to 34 Years.....	2,385	54	2,385	1,867
35 to 44 Years.....	4,911	98	469	2,510
45 to 54 Years.....	5,498	176	(N/A)	1,570
55 to 64 Years.....	8,832	301	(N/A)	1,690
65 to 74 Years.....	6,767	1,034	(N/A)	772
75 years or Greater.....	3,564	891	(N/A)	251
Average Age.....	56.3	69.6	(N/A)	45.3

¹ A young producer is defined as a producer 35 years of age or younger.

² This new category includes producers operating on any operation for 10 years or less. They may be on farms with producers who are not beginning producers.

Census Of Agriculture: Producer Demographics – Utah: 2017

District & County	Farms	Producer's Age & Race ¹							
		Avg. Age	All	Hispanic	Female	American Indian	Asian	Black	Native Hawaiian
Northern									
Box Elder	1,187	55.0	2,152	49	674	7	16	-	-
Cache	1,397	56.5	2,479	31	817	3	-	-	6
Davis.....	528	60.7	894	7	363	5	27	-	-
Morgan	372	55.4	645	8	228	4	-	-	-
Rich.....	160	55.9	299	-	101	-	1	-	-
Salt Lake.....	592	58.9	1,154	31	415	3	13	-	-
Tooele.....	540	53.9	946	35	386	8	-	2	2
Weber	1,260	58.8	2,166	39	774	9	18	-	-
Central									
Juab	292	57.5	580	6	168	10	-	-	-
Millard	654	56.8	1,127	20	338	2	-	-	-
Sanpete	1,003	55.6	1,740	34	567	4	7	-	-
Sevier.....	691	54.9	1,243	22	409	5	1	-	3
Utah	2,589	56.0	4,741	71	1,695	-	9	-	15
Eastern									
Carbon	309	54.3	564	14	193	2	-	-	-
Daggett	52	56.5	96	-	44	2	-	-	1
Duchesne	1,063	54.1	1,951	59	739	46	2	-	3
Emery	504	54.7	882	5	315	2	-	-	-
Grad.....	102	55.5	195	1	80	1	-	-	-
San Juan	823	56.8	1,669	5	821	1,163	-	-	-
Summit.....	626	58.2	1,144	11	387	-	1	-	-
Uintah	1,114	54.3	2,004	47	751	90	3	-	2
Wasatch.....	475	59.1	796	7	272	2	-	1	-
Southern									
Beaver	272	56.1	502	12	114	-	-	1	-
Garfield	286	56.5	529	14	168	-	2	-	-
Iron.....	486	57.6	878	18	274	2	-	2	-
Kane	182	53.3	357	2	116	-	-	-	-
Piute.....	104	54.5	194	-	46	-	-	-	-
Washington.....	537	60.1	1,084	8	367	1	-	-	-
Wayne.....	209	54.2	357	2	114	2	-	2	-
State Total.....	18,409	56.3	33,368	558	11,736	1,373	100	8	32

- Represents zero.

¹ Demographic information was collected for up to four (4) operators for each operation.

Number of Farms, Land in Farms, & Average Farm Size – Utah & United States: 2011-2020

[Annual sales of agricultural products of \$1,000 or more.]

Year	Utah			United States		
	Number of Farms	Land in Farms	Average Farm Size	Number of Farms	Land in Farms	Average Farm Size
	(Number)	(1,000 Acres)	(Acres)	(Number)	(1,000 Acres)	(Acres)
2011.....	17,900	11,000	615	2,131,240	914,420	429
2012.....	18,000	11,000	611	2,109,810	914,600	433
2013.....	18,200	11,000	604	2,100,350	911,720	434
2014.....	18,200	10,900	599	2,082,440	908,920	436
2015.....	18,200	10,900	599	2,063,890	905,790	439
2016.....	18,300	10,800	590	2,055,340	902,680	439
2017.....	18,400	10,800	587	2,042,000	900,370	441
2018.....	18,100	10,700	591	2,029,200	899,500	443
2019.....	17,800	10,700	601	2,023,400	897,400	444
2020.....	17,800	10,700	601	2,019,000	896,600	444

Number of Farms by Economic Sales Class – Utah: 2011-2020

Year	\$1000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999 ¹	\$1,000,000 & Over ²	Total
	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)	(Number)
2011.....	10,700	5,200	880	520	600	(2)	17,900
2012.....	10,650	5,300	930	540	580	(2)	18,000
2013.....	10,800	5,300	1,000	530	290	280	18,200
2014.....	10,900	5,300	930	540	250	280	18,200
2015.....	11,000	5,200	930	520	280	270	18,200
2016.....	11,200	5,200	850	490	290	270	18,300
2017.....	11,200	5,200	910	510	310	270	18,400
2018.....	11,000	5,100	900	520	310	270	18,100
2019.....	10,800	5,000	890	510	320	280	17,800
2020.....	10,800	5,000	890	510	320	280	17,800

¹ \$500,000 & over before 2013 & \$500,000 - \$999,999 2013 & later.

² \$1,000,000 & over economic sales class not published before 2013.

Farms: Acres by Economic Sales Class – Utah: 2011-2020

Year	\$1000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999 ¹	\$1,000,000 & Over ²	Total
	(1,000 Acres)	(1,000 Acres)	(1,000 Acres)	(1,000 Acres)	(1,000 Acres)	(1,000 Acres)	(1,000 Acres)
2011.....	700	1,900	1,300	1,400	5,700	(2)	11,000
2012.....	650	1,750	1,300	1,500	5,800	(2)	11,000
2013.....	700	1,900	1,400	1,600	3,900	1,500	11,000
2014.....	700	2,000	1,500	1,900	2,900	1,900	10,900
2015.....	700	2,000	1,500	2,100	2,200	2,400	10,900
2016.....	700	2,000	1,400	2,100	1,600	3,000	10,800
2017.....	600	1,900	1,200	2,100	1,000	4,000	10,800
2018.....	600	1,900	1,300	2,000	1,000	3,900	10,700
2019.....	600	1,900	1,300	2,000	1,000	3,900	10,700
2020.....	600	1,900	1,300	2,000	1,000	3,900	10,700

¹ \$500,000 & over before 2013 & \$500,000 - \$999,999 2013 & later.

² \$1,000,000 & over economic sales class not published before 2013.

Farm Income: Cash Receipts by Commodity – Utah: 2015-2020

Utah	2015	2016	2017	2018	2019	2020
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
All Commodities	1,999,914	1,679,612	1,807,901	1,686,353	1,756,939	1,793,175
Animals & Products	1,528,609	1,238,287	1,349,448	1,200,684	1,211,446	1,248,095
Meat Animals	780,986	632,935	671,783	573,774	595,163	609,301
Cattle & Calves	628,075	492,592	499,351	449,991	489,078	456,137
Hogs	152,911	140,343	172,432	123,783	106,085	153,164
Dairy Products, Milk	375,190	336,636	389,754	371,588	415,510	402,220
Poultry & Eggs	276,852	173,797	189,071	163,340	115,421	153,639
Chicken Eggs	199,491	73,238	102,395	163,332	115,415	153,633
Farm Chickens.....	8	10	9	8	6	6
Turkeys	77,353	100,549	86,667	NA	NA	NA
Miscellaneous Animals & Products.....	95,581	94,920	98,840	91,982	85,352	82,935
Aquaculture	630	633	694	997	1,629	926
Trout.....	630	633	694	997	1,629	926
Honey	2,177	1,915	1,741	2,239	1,257	1,971
Mohair.....	3	3	3	3	4	4
Other Animals & Products	88,742	88,319	92,442	84,303	77,968	76,083
All Other Animals & Products	60,970	62,930	65,610	65,470	66,110	63,045
Mink Pelts	27,772	25,389	26,832	18,833	11,858	13,038
Wool	4,029	4,050	3,960	4,440	4,494	3,952
Crops	471,305	441,325	458,453	485,669	545,493	545,079
Food Grains	30,677	30,123	31,569	33,702	30,111	30,084
Wheat	30,677	30,123	31,569	33,702	30,111	30,084
Feed Crops	235,027	192,349	202,148	227,253	285,517	285,802
Barley	3,798	2,721	3,475	4,517	3,608	3,337
Corn.....	15,395	14,550	15,771	14,760	15,574	17,869
Hay	215,435	174,989	182,902	207,976	266,335	264,596
Oats	399	89	NA	NA	NA	NA
Oil Crops	4,015	2,701	2,430	2,431	1,939	2,663
Safflower.....	4,015	2,701	2,430	2,431	1,939	2,663
Vegetables & Melons	8,084	NA	NA	NA	NA	NA
Onions	8,084	NA	NA	NA	NA	NA
Onions, Storage	8,084	NA	NA	NA	NA	NA
Fruits & Nuts	22,818	24,503	12,531	9,102	6,661	4,571
Apples.....	4,896	NA	NA	NA	NA	NA
Apricots.....	7	NA	NA	NA	NA	NA
Cherries	13,718	17,533	7,600	9,102	6,661	4,571
Cherries, Sweet.....	193	NA	NA	NA	NA	NA
Cherries, Tart	13,525	17,533	7,600	9,102	6,661	4,571
Peaches.....	4,197	6,970	4,931	NA	NA	NA
All Other Crops.....	170,685	191,649	209,776	213,181	221,265	221,960
Mushrooms.....	6,170	4,304	12,771	11,786	NA	NA
Miscellaneous Crops	164,515	187,345	197,005	201,395	221,265	221,960

Data as of September 2, 2021.

NA = Data are not available/applicable.

Values are rounded to the nearest thousand.

Data source: USDA Economic Research Service. www.ers.usda.gov

Farm Income Indicators – Utah: 2015-2020

Utah	2015	2016	2017	2018	2019	2020
	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Value of Agricultural Sector Production.....	2,339,044	1,901,735	2,017,468	1,965,704	2,062,812	2,105,960
Value of Crop Production	468,790	453,653	452,133	460,785	565,850	542,290
Crop Cash Receipts	471,305	441,325	458,453	485,669	545,493	545,079
Value of Animals & Products Production	1,639,184	1,216,624	1,299,618	1,246,803	1,252,396	1,234,299
Animals & Products Cash Receipts.....	1,528,609	1,238,287	1,349,448	1,200,684	1,211,446	1,248,095
Net Government Transactions.....	-9,926	-16,451	-11,325	7,624	-2,818	165,882
Intermediate Product Expenses ¹	1,154,914	937,534	999,571	925,954	962,904	1,051,601
Farm Origin	680,799	474,687	442,931	414,400	478,915	482,377
Feed Purchases.....	445,718	360,417	336,527	298,915	372,819	385,356
Livestock & Poultry Purchases	198,552	72,645	60,064	57,559	61,928	45,612
Seed Purchases	36,529	41,626	46,340	57,925	44,168	51,409
Manufactured Inputs.....	180,900	162,521	203,100	202,773	185,611	207,493
Electricity	39,821	30,491	48,188	58,334	39,989	47,093
Fertilizer, Lime, & Soil Conditioners.....	53,764	46,249	56,143	53,485	47,837	63,783
Pesticides	18,708	19,854	21,979	18,148	16,535	24,197
Fuel & Oils	68,607	65,928	76,790	72,806	81,250	72,419
Other Intermediate Expenses ^{1,2}	293,216	300,326	353,541	308,781	298,378	361,731
Machine Hire & Custom Work.....	16,955	21,867	26,026	21,567	24,025	25,763
Marketing, Storage, & Transportation	35,274	42,613	47,553	32,738	35,409	40,289
Repair & Maintenance ¹	96,184	83,853	114,061	101,471	83,194	119,080
Miscellaneous Expenses ¹	144,803	151,992	165,901	153,004	155,749	176,598
Total Insurance Premiums ⁴	23,531	23,936	31,988	39,376	35,429	39,626
Federal Commodity Insurance Premiums.....	1,495	1,121	6,376	12,089	9,501	11,142
Irrigation	15,652	15,380	16,382	11,926	27,118	19,556
Contract Labor.....	10,511	16,138	21,921	19,100	24,156	24,846
Gross Value Added	1,163,689	931,611	984,652	1,028,274	1,072,935	1,195,395
Capital Consumption ¹	271,671	292,080	246,095	200,355	194,116	196,888
Net Value Added	893,022	639,531	738,557	827,919	878,819	998,508
Factor Payments to Stakeholders ³	281,197	308,642	347,104	351,534	272,899	337,501
Hired Labor & Non-Cash Employee Compensation..	177,579	203,934	231,044	230,567	161,302	244,043
Net Rent Paid to Operator Landlords	2,096	1,508	1,139	215	-1,078	3,088
Net Rent Paid to Non-Operator Landlords.....	13,807	9,932	7,503	1,416	-7,101	20,345
Total Interest Expenses ¹	87,715	93,268	107,418	119,337	119,776	110,026
Net Farm Income.....	611,825	330,889	391,453	476,385	605,920	621,006

Data as of September 2, 2021

F = Forecast values. NA = Data are not available/applicable. Values are rounded to the nearest thousand.

¹ Includes expenses associated with operator dwellings.

² Share rent income is included in cash receipts.

³ Prior to 2008 estimates, factor payments to stakeholders only includes net rent paid to non-operator landlords.

⁴ Includes federal & private crop & livestock insurance premiums as well as casualty, hail, motor vehicle & all other insurance premiums. Data Source:

USDA Economic Research Service. www.ers.usda.gov

Agricultural Exports: Estimated Value by Commodity Group – Utah: 2015-2020

Utah	2015	2016	2017	2018	2019	2020
	Million Dollars					
Beef & Veal.....	50.7	49.2	54.2	56.1	60.2	55.2
Pork.....	41.4	43.8	53.2	37.6	52.5	61.6
Hides & Skins.....	19.2	14.7	14.4	9.5	7.8	6.0
Other Livestock Products ¹	36.3	36.1	44.1	40.1	42.9	50.0
Dairy Products.....	55.0	45.8	55.2	58.0	60.8	64.0
Broiler Meat.....	0.0	0.0	0.0	0.0	0.0	0.0
Other Poultry Products ²	29.2	26.4	31.7	24.2	19.0	22.7
Vegetables, Fresh.....	1.0	0.0	0.0	0.0	0.0	0.0
Vegetables, Processed.....	1.9	0.0	0.0	0.0	0.0	0.0
Fruits, Fresh.....	5.0	5.1	2.6	2.1	1.5	1.0
Fruits, Processed.....	4.9	4.8	2.3	1.8	1.3	0.9
Tree Nuts.....	0.0	0.0	0.0	0.0	0.0	0.0
Rice.....	0.0	0.0	0.0	0.0	0.0	0.0
Wheat.....	18.3	18.2	22.0	20.1	21.6	21.5
Corn.....	2.7	3.1	3.2	3.8	2.4	3.5
Feeds & Other Feed Grains ³	44.9	31.4	32.3	37.0	40.3	48.1
Grain Products, Processed.....	16.6	13.9	14.7	16.3	17.8	18.6
Soybeans.....	0.0	0.0	0.0	0.0	0.0	0.0
Soybean Meal.....	0.0	0.0	0.0	0.0	0.0	0.0
Vegetable Oils.....	0.3	0.2	0.2	0.2	0.1	0.2
Other Oilseeds & Products ⁴	3.5	2.8	2.0	2.1	1.7	2.4
Cotton.....	0.0	0.0	0.0	0.0	0.0	0.0
Tobacco.....	0.0	0.0	0.0	0.0	0.0	0.0
Other Plant Products ⁵	101.0	113.3	126.7	121.4	125.4	119.7
Total Agricultural Exports.....	432.0	408.8	458.7	430.0	455.4	475.4
Total Animal Products.....	231.9	215.9	252.8	225.3	243.3	259.5
Total Plant Products.....	200.1	192.8	206.0	204.7	212.1	215.9

¹ Includes other non-poultry meats, animal fat, live farm animals, & other animal parts.

² Includes turkey meat, eggs, & other fowl products.

³ Includes processed feeds, fodder, barley, oats, rye, & sorghum.

⁴ Includes peanuts (oilstock), other oil crops, corn meal, other oilcake & meal, protein substances, bran & residues.

⁵ Includes sweeteners & products, other horticulture products, planting seeds, cocoa, coffee, & other processed foods.

Data sources: USDA Economic Research Service; USDA Foreign Agricultural Service (Global Agricultural Trade System)

ANNUAL CROP SUMMARY

2020 UTAH HIGHLIGHTS

The 2020 **corn for grain** crop is estimated at 4.62 million bushels, 24 percent above last year's production of 3.72 million bushels, according to the December 1 Agricultural Survey conducted by the Mountain Regional Field Office of the National Agricultural Statistics Service, USDA. The average yield of 149.0 bushels per acre is 6.0 bushels per acre below the yield achieved last year. Area harvested for grain in 2020, at 31,000 acres, is 5,000 acres above last year. Acreage cut for **cornsilage** is estimated at 55,000 acres, the same as last year, with production estimated at 1.27 million tons compared with 1.32 million tons produced last year.

Utah's **barley** seeded area, at 17,000 acres, is down 1,000 acres from last year. Harvested area, at 10,000 acres, is down 1,000 acres from 2019. Barley yield at 85.0 bushels per acre, is down 8.0 bushels per acre from last year. Barley production in 2020 is estimated at 850,000 bushels, down 17 percent from the previous year.

Winter wheat producers seeded 110,000 acres in the fall of 2019 for harvest in 2020, down from the 125,000 acres seeded for the previous year's crop. Acreage harvested for grain decreased 18,000 acres from last year to 98,000 acres in 2020. Winter wheat production is estimated at 5.19 million bushels, down 17 percent from last year. Winter wheat yield, at 53.0 bushels per acre, is down 1.0 bushels per acre from last year.
















All hay production for 2020 is estimated at 2.54 million tons, down 3 percent from the 2019 total. **Alfalfa hay** production is estimated at 2.09 million tons from 550,000 acres harvested, down 103,000 tons from 2019. Average yield for the 2020 crop is 3.80 tons per acre, 0.50 ton per acre below last year. **All other hay** production totaled 450,000 tons from 180,000 acres harvested, up 25,000 tons from 2019. The average yield of 2.50 tons per acre is a record high and is the same as last year. New **seedings of alfalfa and alfalfa mixtures** in Utah are estimated at 60,000 acres, down 7 percent from 2019.

As of December 1, producers in Utah were storing 1.25 million tons of **all hay**, down 4 percent from the 1.30 million tons stored last year.

Production of **safflower** in 2020 is 18.04 million pounds, compared with 13.34 million pounds in 2019. Planted acres are 23,000, up 10,000 acres from last year. Harvested acres are 22,000, compared with 12,700 acres in 2019. Safflower yields averaged 820 pounds per acre in 2020, down 230 pounds per acre from last year.

Winter wheat seedings last fall for the 2021 crop year are estimated at 110,000 acres, the same as 2020.

Usual Planting & Harvesting Dates

Corn for Grain	Apr 30 – May 20 	Oct 10 – Oct 30 
Corn for Silage	May 5 – May 25 	Sep 20 – Oct 5 
Barley, Spring	Apr 1- Apr 20 	Jul 25 – Aug 15 
Oats, Spring	Apr 10 – May 5 	Aug 15 – Sep 10 
Wheat, Spring	Apr 1 – Apr 20 	Aug 5 – Aug 25 
Wheat, Winter	Apr 1 – Apr 20 	Jul 25 – Aug 10  Aug 25 – Oct 5 
Hay, Alfalfa		Jun 1 – Oct 25 
Hay, Other		Jul 10 – Aug 25 

 Planting

 Harvest

Barley: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per Acre	Production	Price per Bushel ¹	Value of Production
	(1,000 Acres)	(1,000 Acres)	(Bushels)	(1,000 Bushels)	(Dollars)	(1,000 Dollars)
2011.....	35	22	81.0	1,782	5.53	9,854
2012.....	44	26	78.0	2,028	5.87	11,904
2013.....	40	30	78.0	2,340	4.17	9,758
2014.....	32	20	83.0	1,660	3.13	5,196
2015.....	27	16	84.0	1,344	2.97	3,992
2016.....	29	19	82.0	1,558	2.36	3,677
2017.....	25	18	75.0	1,350	3.08	4,158
2018.....	21	16	86.0	1,376	3.69	5,077
2019.....	18	11	93.0	1,023	3.70	3,785
2020.....	21	12	85.0	1,020	4.00	4,080

¹ Marketing year average price.

Corn for Grain: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per Acre	Production	Price per Bushel ¹	Value of Production
	(1,000 Acres)	(1,000 Acres)	(Bushels)	(1,000 Bushels)	(Dollars)	(1,000 Dollars)
2011.....	85	30	164.0	4,920	6.97	34,292
2012.....	92	34	167.0	5,678	7.59	43,096
2013.....	83	31	170.0	5,270	5.47	28,827
2014.....	75	28	160.0	4,480	4.13	18,502
2015.....	65	17	173.0	2,941	4.68	13,764
2016.....	80	29	175.0	5,075	3.87	19,640
2017.....	80	20	176.0	3,520	3.96	13,939
2018.....	70	22	182.0	4,004	4.31	17,257
2019.....	85	26	143.0	3,718	4.30	15,987
2020.....	90	31	149.0	4,619	4.95	22,864

¹ Marketing year average price.

Corn for Silage: Area Harvested, Yield, & Production – Utah: 2011-2020

Year	Area Harvested	Yield per Acre	Production
	(Acres)	(Tons)	(Tons)
2011.....	54,000	25.0	1,350,000
2012.....	56,000	22.0	1,232,000
2013.....	49,000	23.0	1,127,000
2014.....	45,000	22.0	990,000
2015.....	45,000	23.0	1,035,000
2016.....	49,000	24.0	1,176,000
2017.....	56,000	25.0	1,400,000
2018.....	45,000	23.0	1,035,000
2019.....	55,000	24.0	1,320,000
2020.....	55,000	23.0	1,265,000

Alfalfa Hay: Area Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Harvested	Yield per Acre	Production	Price per Ton ¹	Value of Production
	(1,000 Acres)	(Tons)	(1,000 Tons)	(Dollars)	(1,000 Dollars)
2011.....	580	4.10	2,378	185.00	439,930
2012.....	500	4.10	2,050	190.00	389,500
2013.....	550	4.20	2,310	182.00	420,420
2014.....	520	3.90	2,028	188.00	381,264
2015.....	510	4.10	2,091	162.00	338,742
2016.....	530	4.20	2,226	127.00	282,702
2017.....	550	4.20	2,310	134.00	309,540
2018.....	500	3.70	1,850	172.00	318,200
2019.....	510	4.30	2,193	182.00	399,126
2020.....	550	3.80	2,090	187.00	390,830

¹ Marketing year average price.

Other Hay: Area Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Harvested	Yield per Acre	Production	Price per Ton ¹	Value of Production
	(1,000 Acres)	(Tons)	(1,000 Tons)	(Dollars)	(1,000 Dollars)
2011.....	180	2.20	396	152.00	60,192
2012.....	160	2.10	336	152.00	51,072
2013.....	175	2.40	420	152.00	63,840
2014.....	160	2.30	368	154.00	56,672
2015.....	160	2.30	368	131.00	48,208
2016.....	160	2.20	352	104.00	36,608
2017.....	155	2.10	326	116.00	37,816
2018.....	150	2.30	345	133.00	45,885
2019.....	170	2.50	425	144.00	61,200
2020.....	180	2.50	450	122.00	54,900

¹ Marketing year average price.

All Hay: Area Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

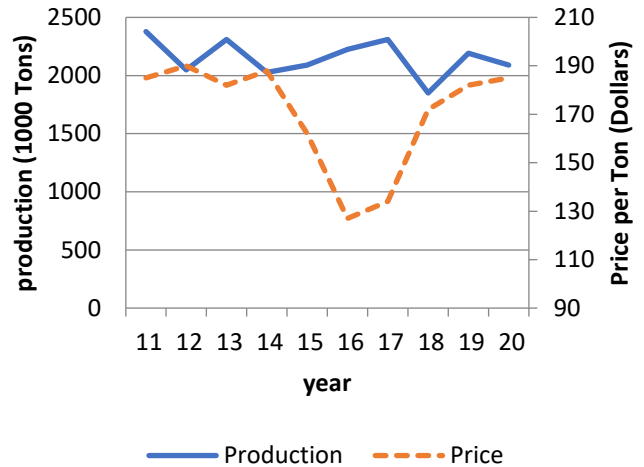
Year	Area Harvested	Yield per Acre	Production	Price per Ton ¹	Value of Production
	(1,000 Acres)	(Tons)	(1,000 Tons)	(Dollars)	(1,000 Dollars)
2011.....	760	3.65	2,774	185.00	500,122
2012.....	660	3.62	2,386	189.00	440,572
2013.....	725	3.77	2,730	182.00	484,260
2014.....	680	3.52	2,396	188.00	437,936
2015.....	670	3.67	2,459	162.00	386,950
2016.....	690	3.74	2,578	127.00	319,310
2017.....	705	3.74	2,636	134.00	347,356
2018.....	650	3.38	2,195	171.00	364,085
2019.....	680	3.85	2,618	181.00	460,326
2020.....	730	3.48	2,540	181.00	445,730

¹ Marketing year average price.

Hay Stocks: Position & Month – Utah: 2011-2020

Year	On Farms May 1	On Farms December 1
	(Tons)	(Tons)
2011.....	144,000	1,420,000
2012.....	350,000	900,000
2013.....	230,000	1,250,000
2014.....	300,000	1,190,000
2015.....	430,000	1,150,000
2016.....	410,000	1,200,000
2017.....	300,000	1,170,000
2018.....	200,000	980,000
2019.....	280,000	1,300,000
2020.....	300,000	1,250,000

**Alfalfa Hay Production & Price — Utah:
2011-2020**



Safflower: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per Acre	Production	Price per Cwt ¹	Value of Production
	(Acres)	(Acres)	(Pounds)	(1,000 Pounds)	(Dollars)	(1,000 Dollars)
2011.....	27,000	26,000	880	22,880	24.40	5,583
2012.....	28,000	23,000	430	9,890	28.90	2,858
2013.....	27,000	26,000	570	14,820	27.30	4,046
2014.....	19,000	18,000	990	17,820	25.60	4,562
2015.....	16,000	15,500	910	14,105	20.70	2,920
2016.....	14,000	13,500	810	10,935	(D)	(D)
2017.....	17,000	16,500	900	14,850	(D)	(D)
2018.....	15,000	13,000	840	10,920	16.20	1,769
2019.....	13,000	12,700	1,050	13,335	17.10	2,280
2020.....	23,000	22,000	820	18,040	19.00	3,428

(D) Withheld to avoid disclosing data for individual operations.

¹ Marketing year average price.

Winter Wheat: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per Acre	Production	Price per Bushel ¹	Value of Production
	(1,000 Acres)	(1,000 Acres)	(Bushels)	(1,000 Bushels)	(Dollars)	(1,000 Dollars)
2011.....	130	124	50.0	6,200	7.62	47,244
2012.....	125	109	47.0	5,123	8.97	45,953
2013.....	120	110	44.0	4,840	7.71	37,316
2014.....	120	109	50.0	5,450	6.85	37,333
2015.....	125	119	48.0	5,712	4.77	27,246
2016.....	120	112	60.0	6,720	3.98	26,746
2017.....	120	108	52.0	5,616	5.00	28,080
2018.....	120	94	52.0	4,888	5.70	27,862
2019.....	125	116	54.0	6,264	4.95	31,007
2020.....	110	98	53.0	5,194	5.43	28,203

¹ Marketing year average price.

Other Spring Wheat: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per acre	Production	Price per Bushel ¹	Value of Production
	(1,000 Acres)	(1,000 Acres)	(Bushels)	(1,000 Bushels)	(Dollars)	(1,000 Dollars)
2011.....	21	20	46.0	920	10.90	10,028
2012.....	15	13	40.0	520	11.50	5,980
2013.....	18	14	46.0	644	8.66	5,577
2014.....	10	8	54.0	432	8.58	3,707
2015.....	10	9	55.0	495	7.00	3,465
2016.....	9	8	58.0	464	5.50	2,552
2017.....	14	12	52.0	624	7.00	4,368
2018.....	10	9	52.0	468	6.70	3,136
2019.....	(2)	(2)	(2)	(2)	(2)	(2)
2020.....	(2)	(2)	(2)	(2)	(2)	(2)

(NA) Not available.

Marketing year average price.

Estimates discontinued in 2019.

All Wheat: Area Planted & Harvested, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Area Planted	Area Harvested	Yield per Acre	Production	Price per Bushel ¹	Value of Production
	(1,000 Acres)	(1,000 Acres)	(Bushels)	(1,000 Bushels)	(Dollars)	(1,000 Dollars)
2011.....	151	144	49.4	7,120	8.26	57,272
2012.....	140	122	46.3	5,643	9.59	51,933
2013.....	138	124	44.2	5,484	7.94	42,893
2014.....	130	117	50.3	5,882	7.07	41,040
2015.....	135	128	48.5	6,207	5.18	30,711
2016.....	129	120	59.9	7,184	4.30	29,298
2017.....	134	120	52.0	6,240	5.20	32,448
2018.....	130	103	52.0	5,356	6.00	30,998
2019.....	125	116	54.0	6,264	4.95	31,007
2020.....	110	98	53.0	5,194	5.43	28,203

¹ Marketing year average price.

Barley Stocks: Located Off Farm by Quarter – Utah: 2012-2021

Year ¹	March 1	June 1	September 1	December 1
	(Bushels)	(Bushels)	(Bushels)	(Bushels)
2012.....	184,000	122,000	276,000	(D)
2013.....	(D)	100,000	277,000	505,000
2014.....	(D)	159,000	269,000	396,000
2015.....	293,000	94,000	400,000	363,000
2016.....	(D)	98,000	327,000	(D)
2017.....	255,000	(D)	(D)	343,000
2018.....	211,000	(D)	(D)	(D)
2019.....	(D)	(D)	(D)	(D)
2020.....	(D)	39,000	(D)	(D)
2021.....	(D)	(D)	(2)	(3)

Corn Stocks: Located Off Farm by Quarter – Utah: 2012-2021

Year ¹	March 1	June 1	September 1	December 1
	(Bushels)	(Bushels)	(Bushels)	(Bushels)
2012.....	786,000	(D)	975,000	930,000
2013.....	566,000	(D)	(D)	861,000
2014.....	544,000	(D)	(D)	737,000
2015.....	420,000	(D)	(D)	670,000
2016.....	(D)	(D)	(D)	694,000
2017.....	(D)	212,000	(D)	557,000
2018.....	367,000	254,000	(D)	680,000
2019.....	448,000	432,000	367,000	1,155,000
2020.....	1,637,000	291,000	(D)	(D)
2021.....	974,000	(D)	(2)	(3)

Oat Stocks: Located Off Farm by Quarter – Utah: 2012-2021

Year ¹	March 1	June 1	September 1	December 1
	(Bushels)	(Bushels)	(Bushels)	(Bushels)
2012.....	67,000	61,000	(D)	49,000
2013.....	50,000	6,000	(D)	52,000
2014.....	28,000	(D)	44,000	48,000
2015.....	37,000	22,000	(D)	(D)
2016.....	47,000	24,000	(D)	(D)
2017.....	54,000	16,000	25,000	(D)
2018.....	(D)	15,000	34,000	23,000
2019.....	42,000	13,000	21,000	(D)
2020.....	(D)	(D)	30,000	(D)
2021.....	(D)	12,000	(2)	(3)

Wheat Stocks: Located Off Farm by Quarter – Utah: 2012-2021

Year ¹	March 1	June 1	September 1	December 1
	(Bushels)	(Bushels)	(Bushels)	(Bushels)
2012.....	4,700,000	3,517,000	4,050,000	4,418,000
2013.....	4,043,000	3,719,000	4,880,000	4,577,000
2014.....	4,149,000	3,746,000	5,150,000	4,786,000
2015.....	4,518,000	4,891,000	6,420,000	5,517,000
2016.....	5,147,000	4,641,000	5,423,000	5,473,000
2017.....	4,118,000	3,843,000	6,299,000	5,723,000
2018.....	4,407,000	3,349,000	5,926,000	5,031,000
2019.....	4,304,000	3,600,000	6,462,000	5,504,000
2020.....	5,982,000	4,192,000	5,856,000	6,009,000
2021.....	4,987,000	3,709,000	(2)	(3)

(D) Withheld to avoid disclosing data for individual operations.

¹ Includes stocks at mills, elevators, terminals, & processors.

² Estimates available in the September Grain Stocks Release.

³ Estimates available in the December Grain Stocks Release.

Tart Cherries: Acreage, Yield, Production, Price, & Value – Utah: 2011-2020

Year	Bearing Acreage	Yield per Acre ¹	Production		Price per Pound	Value of Utilized Production
			Total	Utilized		
	(Acres)	(Pounds)	(Million Pounds)	(Million Pounds)	(Dollars)	(1,000 Dollars)
2011.....	3,300	10,600	35.0	34.5	0.290	10,005
2012.....	3,300	12,100	40.0	40.0	0.510	20,400
2013.....	3,300	8,120	26.8	26.8	0.476	12,761
2014.....	3,300	15,500	51.0	49.8	0.432	21,494
2015.....	3,300	12,300	40.7	40.3	0.336	13,525
2016.....	3,300	16,000	52.8	49.6	0.353	17,533
2017.....	3,300	7,880	26.0	25.0	0.304	7,600
2018.....	3,100	14,500	45.0	41.0	0.222	9,102
2019.....	3,000	18,000	54.0	42.7	0.156	6,661
2020.....	3,100	9,300	28.8	27.7	0.165	4,571

¹ Yield is based on total production.

Operations: All Cattle & Calves – Utah: 2007, 2012, & 2017

All Cattle & Calves	2007	2012	2017
	(Number)	(Number)	(Number)
Operations with			
1 - 9 Head	2,208	3,412	3,177
10 - 19 Head	1,081	1,348	1,208
20 - 49 Head	1,521	1,604	1,578
50 - 99 Head	977	864	754
100 - 199 Head	819	600	538
200 - 499 Head	595	490	461
500 Head or More	380	307	310

Data Source: U.S. Census of Agriculture

Operations with Beef Cows – Utah: 2007, 2012 & 2017

Beef Cows	2007	2012	2017
	(Number)	(Number)	(Number)
Operations with			
1 - 9 Head	1,821	2,838	2,780
10 - 19 Head	863	1,113	1,055
20 - 49 Head	1,172	1,307	1,324
50 - 99 Head	768	639	562
100 - 199 Head	503	483	385
200 - 499 Head	359	321	279
500 Head or More	103	126	123

Data Source: U.S. Census of Agriculture

Operations with Milk Cows – Utah: 2007, 2012, & 2017

Milk Cows	2007	2012	2017
	(Number)	(Number)	(Number)
Operations with			
1 - 9 Head	174	256	218
10 - 19 Head	8	15	8
20 - 49 Head	22	31	14
50 - 99 Head	53	30	69
100 - 199 Head	92	54	53
200 - 499 Head	59	45	39
500 Head or More	42	46	44

Data Source: U.S. Census of Agriculture

Operations with Sheep & Lambs – Utah: 2007, 2012, & 2017

Sheep & Lambs	2007	2012	2017
	(Number)	(Number)	(Number)
1 - 24 Head	1,037	1,196	1,248
25 - 99 Head	354	372	428
100 - 299 Head	109	79	101
300 - 999 Head	48	29	42
1,000 Head or More	67	79	79

Data Source: U.S. Census of Agriculture

Operations with Hogs & Pigs – Utah 2007, 2012, & 2017

Hogs & Pigs	2007	2012	2017
	(Number)	(Number)	(Number)
All Operations	611	669	561

Data Source: U.S. Census of Agriculture

Cattle & Calves: Number by Class & Calf Crop – Utah: January 1, 2017-2021

Class	2017	2018	2019	2020	2021
	(Head)	(Head)	(Head)	(Head)	(Head)
All Cattle & Calves	820,000	790,000	810,000	820,000	800,000
Cows & Heifers, That Have Calved	430,000	435,000	440,000	455,000	440,000
Beef Cows	338,000	338,000	340,000	358,000	345,000
Milk Cows	92,000	97,000	100,000	97,000	95,000
Calves, Under 500 Pounds	83,000	70,000	75,000	65,000	65,000
Steers, 500 Pounds & Over	80,000	80,000	85,000	80,000	85,000
Heifers, 500 Pounds & Over					
Beef Cow Replacements	85,000	70,000	70,000	85,000	75,000
Milk Cow Replacements	55,000	50,000	50,000	50,000	55,000
Other Heifers	60,000	60,000	65,000	60,000	55,000
Bulls, 500 Pounds & Over	27,000	25,000	25,000	25,000	25,000
Cattle on Feed	20,000	20,000	23,000	20,000	23,000
Calf Crop	375,000	385,000	395,000	385,000	(1)
Unit	Value of Inventory ²				
Value per Head.....(Dollars)	1,180	1,270	1,150	1,180	1,160
Value of Inventory.....(1,000 Dollars)	967,600	1,003,300	931,500	967,600	928,000

¹ Data available 2022

² Value of all cattle & calves.

Cattle & Calves: Balance Sheet – Utah: 2016-2020

Inventory Additions & Removals	2016	2017	2018	2019	2020
	(Head)	(Head)	(Head)	(Head)	(Head)
Inventory Beginning of Year	840,000	820,000	790,000	810,000	820,000
Calf Crop	380,000	375,000	385,000	395,000	385,000
In-Shipments	100,000	55,000	53,000	58,000	41,000
Marketings ¹					
Cattle	426,500	376,000	359,500	376,000	375,500
Calves.....	36,000	45,500	21,500	30,500	36,000
Farm Slaughter Cattle & Calves ²	1,500	2,500	2,000	1,500	1,500
Deaths					
Cattle	13,000	13,000	13,000	12,000	12,000
Calves.....	23,000	23,000	22,000	23,000	21,000
Inventory End of Year	820,000	790,000	810,000	820,000	800,000

¹ Includes custom slaughter for use on farms where produced & State out-shipments but excludes inter-farm sales within the State.

² Excludes custom slaughter at commercial establishments.

Cattle & Calves: Production, Marketings, & Income – Utah: 2016-2020

Unit	2016	2017	2018	2019	2020
Production ¹ (1,000 Lbs)	320,640	369,361	382,273	401,858	390,618
Marketings ² (1,000 Lbs)	432,350	438,496	413,048	438,780	444,465
Value of Production (1,000 Dollars)	359,301	415,829	410,511	442,742	396,388
Value of Sales ³ (1,000 Dollars)	492,592	499,351	449,991	489,078	456,137
Value of Home Consumption..... (1,000 Dollars)	7,376	8,090	6,914	6,404	6,793
Gross Income (1,000 Dollars)	499,968	507,441	456,905	495,482	462,930

¹ Includes custom slaughter for use on farms where produced & state out-shipments but excludes inter-farm sales within the state.

² Excludes custom slaughter at commercial establishments. Production & marketings are live weight in pounds.

³ Excludes inter-farm in-state sales.

Dairy: Milk Production & Milkfat – Utah: 2016-2020

Unit	2016	2017	2018	2019	2020
Number of Milk Cows on Farms ¹ (1,000 Hd)	91,000	96,000	100,000	98,000	96,000
Production of Milk & Milkfat ²					
Milk per Cow					
Milk (Pounds)	22,989	23,073	23,220	23,061	23,198
Milkfat..... (Pounds)	874	877	899	906	921
Total					
Percentage Milkfat (Percent)	3.80	3.80	3.87	3.93	3.97
Milk (Million Pounds)	2,092	2,215	2,322	2,260	2,227
Milkfat..... (Million Pounds)	79.5	84.2	89.9	88.8	88.4
Milk Price (Dollars/100 Pounds)	16.20	17.70	16.10	18.50	18.20
Value of Production ³ (1,000 Dollars)	338,904	392,055	373,842	418,100	405,314

¹ Average number of cows on farms during year, excluding heifers not yet freshened.

² Excludes milk sucked by calves.

³ Includes value of milk fed to calves.

Milk & Cream: Marketings, Used on Farm, Income, & Value – Utah: 2016-2020

Unit	2016	2017	2018	2019	2020
Combined Marketings of Milk & Cream					
Milk Sold ¹ (Million Pounds)	2,078	2,202	2,308	2,246	2,210
Average Price					
Per 100 Pounds of Milk ² (Dollars)	16.20	17.70	16.10	18.50	18.20
Per Pound of Milkfat..... (Dollars)	4.26	4.66	4.16	4.71	4.58
Value of Milk Marketings..... (1,000 Dollars)	336,636	389,754	371,588	415,510	402,220
Used for Milk, Cream, & Butter by Producers					
Milk Utilized..... (Million Pounds)	1.00	1.00	1.00	1.00	1.00
Value..... (Dollars)	162,000	177,000	161,000	185,000	182,000
Milk Used on Farm for Feed..... (Million Pounds)	13.00	12.00	13.00	13.00	16.00
Gross Producer Income ³ (1,000 Dollars)	336,798	389,931	371,749	415,695	402,402
Value of Milk Produced ⁴ (1,000 Dollars)	338,904	392,055	373,842	418,100	405,314

¹ Milk sold to plants & dealers as whole milk & equivalent amounts of milk for cream. Includes milk produced by dealers' own herds & small amounts sold directly to consumers. Includes milk produced by institutional herds.

² Average price for marketing year.

³ Cash receipts from marketings of milk & cream, plus value of milk used for home consumption.

⁴ Includes value of milk fed to calves.

Manufactured Dairy Products – Utah: 2016-2020

Unit	2016	2017	2018	2019	2020
Ice Cream, Regular, Hard (1,000 Gallons)	27,736	26,283	29,667	21,931	29,347
Ice Cream, Mix, Low Fat (1,000 Gallons)	1,349	1,359	1,161	1,571	3,564

Milk Cows: Production by Month – Utah: 2018-2020

Year & Month	Milk Cows ¹	Milk per Cow ²	Milk Production ²	Year & Month	Milk Cows ¹	Milk per Cow ²	Milk Production ²
	(1,000 Head)	(Pounds)	(Million Pounds)		(1,000 Head)	(Pounds)	(Million Pounds)
2018							
January	98	1,930	189	August	96	1,995	192
February	99	1,755	174	September	97	1,925	187
March	99	1,955	194	October	97	1,945	189
April	99	1,945	193	November	97	1,860	180
May	101	2,015	204	December	97	1,890	183
June	101	1,975	199				
July	101	2,000	202	Annual Total	98	23,061	2,260
August	101	2,000	202	2020			
September	100	1,920	192	January	96	1,935	186
October	100	1,935	194	February	97	1,820	177
November	100	1,870	187	March	98	1,960	192
December	100	1,920	192	April	97	1,930	187
Annual Total	100	23,220	2,322	May	96	2,000	192
2019				June	96	1,955	188
January	100	1,935	194	July	95	1,985	189
February	99	1,755	174	August	95	1,975	188
March	98	1,940	190	September	94	1,910	180
April	98	1,930	189	October	95	1,950	185
May	98	2,010	197	November	95	1,880	179
June	97	1,960	190	December	95	1,940	184
July	97	2,010	195	Annual Total	96	23,198	2,227

¹ Includes dry cows; excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Commercial Cattle Slaughter – Utah: Monthly 2019 & 2020

Month	Number Slaughtered		Total Live Weight		Average Live Weight	
	2019	2020	2019	2020	2019	2020
	(Head)	(Head)	(1,000 Pounds)	(1,000 Pounds)	(Pounds)	(Pounds)
January	60,700	58,000	83,975	78,686	1,387	1,360
February	51,900	52,600	69,977	71,267	1,350	1,356
March	55,000	60,700	73,014	81,598	1,330	1,347
April	57,900	59,700	76,204	81,064	1,318	1,361
May	62,300	54,700	81,105	74,707	1,304	1,369
June	58,400	35,800	76,276	49,134	1,308	1,373
July	62,200	56,500	83,677	76,986	1,347	1,365
August	60,800	56,000	82,768	76,967	1,362	1,377
September	55,800	59,200	76,929	81,749	1,381	1,383
October	61,800	59,000	83,690	82,569	1,355	1,401
November	57,100	52,700	77,076	73,032	1,352	1,389
December	55,000	57,200	73,924	79,315	1,345	1,389
Annual Total ¹	699,000	662,000	938,615	907,075	1,345	1,372

¹ Totals may not add due to rounding.

Hogs & Pigs: Total Breeding & Market Inventory, Farrowings, Pigs per Litter, Pig Crop, & Marketings – Utah: December 1, 2011-2020

[Farrowings, Pigs per Litter, Pig Crop, & Marketings for the Year, December 1, previous year, through November 30.]

Year	Inventory			Sows Farrowing	Pigs per Litter	Pig Crop	Marketings ¹
	Total	Breeding	Market				
	(1,000 Head)	(1,000 Head)	(1,000 Head)	(1,000 Head)	(Head)	(1,000 Head)	(1,000 Head)
2011.....	760	80	680	163,000	10.17	1,658	1,549.0
2012.....	740	80	660	163,000	10.18	1,660	1,593.0
2013.....	700	75	625	167,000	10.07	1,682	1,616.5
2014.....	600	75	525	162,000	9.44	1,529	1,478.5
2015.....	680	75	605	158,000	9.44	1,491	1,229.5
2016.....	700	75	625	157,000	9.15	1,437	1,203.5
2017.....	550	80	470	149,000	8.92	1,329	1,366.5
2018.....	710	80	630	146,000	9.14	1,334	1,148.5
2019.....	960	80	880	168,000	10.62	1,784	1,413.8
2020.....	1,000	90	910	167,000	10.92	1,824	1,555.5

¹ Includes custom slaughter for use on farms where produced & state outshipments, but excludes inter-farm sales within the state.

Hogs & Pigs: Balance Sheet – Utah: 2016-2020

Inventory Additions & Removals	2016	2017	2018	2019	2020
	(Head)	(Head)	(Head)	(Head)	(Head)
Inventory Beginning of Year ¹	680,000	700,000	550,000	710,000	960,000
Annual Pig Crop ²	1,437,000	1,329,000	1,334,000	1,784,000	1,824,000
Inshipments.....	1,000	83,000	103,000	73,300	24,000
Marketings ³	1,203,500	1,366,500	1,148,500	1,413,800	1,555,500
Farm Slaughter ⁴	500	500	500	500	500
Deaths.....	214,000	195,000	128,000	193,000	252,000
Inventory End of Year ⁵	700,000	550,000	710,000	960,000	1,000,000

¹ Hogs & pigs inventory is as of December 1, previous year.

² From November 30, previous year to December 1.

³ Includes custom slaughter for use on farm where produced, state out-shipments, but excludes inter-farm sales within the state.

⁴ Excludes custom slaughter for farmers at commercial establishments.

⁵ Hogs & pigs inventory is as of December 1.

Market Hogs & Pigs: Inventory by Weight Group – Utah: December 1, 2011-2020

Year	Under 50 Pounds	50-119 Pounds	120-179 Pounds	180 Pounds & over	Total Market Hogs
	(1,000 Head)	(1,000 Head)	(1,000 Head)	(1,000 Head)	(1,000 Head)
2011.....	280	130	130	140	680
2012.....	275	130	125	130	660
2013.....	265	115	120	125	625
2014.....	220	100	110	95	525
2015.....	245	115	125	120	605
2016.....	250	120	130	125	625
2017.....	185	85	100	100	470
2018.....	240	125	135	130	630
2019.....	320	185	185	190	880
2020.....	350	185	185	190	910

Hogs & Pigs: Production, Marketings, & Income - Utah: 2011-2020

[Dollar values based on data received from U. S. Department of Agriculture's Agricultural Marketing Service]

Year	Production ¹	Marketings ²	Value of Production ³	Cash Receipts ^{3,4}	Value of Home Consumption	Gross Income
	(1,000 Pounds)	(1,000 Pounds)	(1,000 Dollars)	(1,000 Dollars)	(1,000 Dollars)	(1,000 Dollars)
2011.....	302,804	301,380	209,304	208,266	332	208,598
2012.....	283,570	286,488	192,252	194,200	245	194,445
2013.....	287,097	292,010	210,555	213,969	167	214,136
2014.....	267,167	278,105	231,100	240,119	198	240,317
2015.....	249,888	240,153	158,757	152,911	145	153,056
2016.....	238,658	236,125	141,762	140,343	134	140,477
2017.....	255,582	273,260	159,045	172,432	144	172,576
2018.....	213,576	200,580	128,244	123,783	136	123,919
2019.....	205,070	179,502	123,456	106,085	142	106,227
2020.....	315,331	312,581	142,483	153,164	118	153,282

¹ Adjustments made for changes in inventory & for inshipments.

² Excludes custom slaughter for use on farms where produced & interfarm sales within the State.

³ Includes allowance for higher average price of State inshipments & outshipments of feeder pigs.

⁴ Receipts from marketings & sale of farm slaughter.

Commercial Hog Slaughter – Utah: Monthly 2019 & 2020

Month	Number Slaughtered		Total Live Weight		Average Live Weight	
	2019	2020	2019	2020	2019	2020
	(Head)	(Head)	(Pounds)	(Pounds)	(Pounds)	(Pounds)
January.....	6,500	5,000	1,018,000	656,000	157	133
February.....	4,600	4,100	862,000	564,000	189	139
March.....	4,500	3,800	875,000	721,000	197	193
April.....	4,500	2,600	824,000	749,000	187	287
May.....	4,700	2,900	751,000	861,000	161	298
June.....	4,500	2,000	615,000	541,000	138	273
July.....	4,800	3,000	547,000	753,000	114	253
August.....	5,300	3,700	766,000	761,000	144	210
September.....	5,000	3,300	643,000	706,000	129	215
October.....	5,000	3,000	656,000	678,000	133	228
November.....	4,600	3,700	565,000	670,000	124	183
December.....	5,500	3,400	600,000	610,000	109	181
Annual Total.....	59,500	40,500	8,724,000	8,269,000	147	206

Sheep & Lambs: Inventory by Class & Lamb Crop – Utah: January 1, 2017-2021

Class	2017	2018	2019	2020	2021
	(Head)	(Head)	(Head)	(Head)	(Head)
All Sheep & Lambs ¹	275,000	275,000	290,000	285,000	285,000
Sheep & Lambs Kept for Breeding					
All Breeding Sheep & Lambs	255,000	250,000	260,000	240,000	245,000
Ewes	205,000	200,000	210,000	195,000	195,000
Rams.....	8,000	8,000	9,000	7,000	8,000
Replacement Lambs	42,000	42,000	41,000	38,000	42,000
Market Sheep & Lambs					
Total Market Sheep & Lambs.....	20,000	25,000	30,000	45,000	40,000
Market Sheep.....	1,000	4,000	2,000	4,000	3,000
Market Lambs	19,000	21,000	28,000	41,000	37,000
Market Lambs by Size Group					
Under 65 Pounds.....	3,000	3,000	2,000	1,000	1,000
65 - 84 Pounds.....	3,000	4,000	2,000	2,000	1,000
85 - 105 Pounds.....	5,000	5,000	11,000	14,000	13,000
Over 105 Pounds.....	8,000	9,000	13,000	24,000	22,000
Deaths					
Sheep.....	9,000	10,000	8,000	8,000	(2)
Lambs	16,000	21,000	15,000	14,000	(2)
Units	Lamb Crop & Value of Inventory				
Lamb Crop ³(Head)	230,000	235,000	230,000	230,000	(2)
Lambing Rate ⁴(Lambs/100 Ewes)	112	118	110	118	(2)
Value per Head ⁵(Dollars)	221	218	217	212	216

¹ All sheep includes new crop lambs. New crop lambs are lambs born after September 30, the previous year.

² Data available 2022

³ Total for the year. Lamb crop defined as lambs marked, docked, or branded.

⁴ Not strictly a lambing rate. Represents lamb crop expressed as a percent of ewes 1 year old & older on hand at the beginning of the year.

⁵ Average value of all sheep, including lambs, at the beginning of the year.

Wool: Production & Value – Utah: 2016-2020

Units	2016	2017	2018	2019	2020
Sheep & Lambs Shorn ¹(Head)	245,000	245,000	245,000	240,000	235,000
Weight per Fleece.....(Pounds)	9.2	9.0	9.1	8.9	8.9
Shorn Wool Production.....(1,000 Pounds)	2,250	2,200	2,220	2,140	2,080
Average Price per Pound.....(Dollars)	1.80	1.80	2.00	2.10	1.90
Value.....(1,000 Dollars)	4,050	3,960	4,440	4,494	3,952

¹ Includes shearing at commercial feeding yards.

Sheep & Lamb: Lamb Crop, Farm Slaughter, & Death Loss – Utah: 2012-2021

Year	Ewes 1 Year & Older January 1	Lambs per 100 Ewes January 1 ¹	Lamb Crop ²	Farm Slaughter ³	Deaths	
					Sheep	Lambs
	(Head)	(Number)	(Head)	(Head)	(Head)	(Head)
2012.....	230,000	102	235,000	6,000	13,000	18,000
2013.....	225,000	100	225,000	6,100	13,000	18,000
2014.....	215,000	109	235,000	6,100	11,000	16,000
2015.....	220,000	105	230,000	6,200	10,000	15,000
2016.....	215,000	107	230,000	6,100	11,000	15,000
2017.....	205,000	112	230,000	6,100	9,000	16,000
2018.....	200,000	118	235,000	5,600	10,000	21,000
2019.....	210,000	110	230,000	5,500	8,000	15,000
2020.....	195,000	118	230,000	5,000	8,000	14,000
2021.....	195,000	(4)	(4)	(4)	(4)	(4)

¹ For the Year, 2020 & later.

² Lamb crop is defined as lambs born in the eastern states & lambs docked or branded in the western states.

³ Excludes custom slaughter for farmers at commercial establishments.

⁴ Data not available until January 2022.

Losses of Lambs Before Docking, by Cause: Utah, 2015-2020

Cause of Loss	2015	2016	2017	2018	2019	2020
Number of Head	Head					
Bear	100	100	200	200	800	1,500
Bobcat	200	300	400	500	100	(D)
Coyote	5,000	5,500	5,700	6,900	5,400	5,200
Dog	100	200	200	500	100	(D)
Mountain Lion	500	500	700	800	1,100	600
Foxes	400	500	400	500	100	400
Wolves	(D)	(D)	(D)	(D)	(D)	(D)
Eagles	700	700	500	600	400	1,200
Ravens	200	300	400	400	200	700
Other/Unknown ¹	100	200	100	200	400	300
Total Predators	7,300	8,300	8,600	10,600	8,600	9,900
Diseases	1,100	900	(D)	(D)	(D)	200
Enterotoxaemia	200	300	100	100	100	100
Weather Conditions	2,500	2,600	3,000	3,800	2,800	3,600
Lambing Complications	1,800	2,400	2,200	3,000	2,200	900
Old Age	NA	NA	NA	NA	NA	NA
On Back	(D)	(D)	(D)	(D)	(D)	(D)
Poison	100	100	(D)	(D)	(D)	300
Theft	(D)	(D)	100	100	(D)	100
Other/Unknown ¹	3,000	2,400	2,000	2,400	3,300	1,400
Total Non-Predators	8,700	8,700	7,400	9,400	8,400	6,600
Total Losses	16,000	17,000	16,000	20,000	17,000	16,500

(D) indicates Un-published: i.e. less than 100 head.

¹ Other/Unknown includes Other & Unknown causes combined with Un-published causes.

Totals may not add due to rounding.

Losses of Lambs After Docking, by Cause: Utah, 2015-2020

Cause of Loss	2015	2016	2017	2018	2019	2020
Number of Head	Head					
Bear	1,700	1,300	1,600	2,000	1,800	1,100
Bobcat	200	300	400	400	300	(D)
Coyote	7,800	7,000	7,700	10,100	6,700	9,000
Dog	200	300	200	500	300	200
Mountain Lion	800	2,400	2,800	3,500	2,000	1,600
Foxes	200	200	500	600	200	200
Wolves	(D)	100	200	200	(D)	(D)
Eagles	100	100	100	100	100	100
Ravens	(D)	(D)	(D)	(D)	100	(D)
Other/Unknown ¹	100	200	100	200	300	200
Total Predators	11,100	11,900	13,600	17,600	11,800	12,400
Diseases	100	300	(D)	100	(D)	(D)
Enterotoxaemia	200	500	100	100	300	100
Weather Conditions	400	400	900	1,200	1,200	300
Lambing Complications	NA	NA	NA	NA	NA	NA
Old Age	NA	NA	NA	NA	NA	NA
On Back	(D)	(D)	(D)	(D)	(D)	(D)
Poison	300	300	400	500	300	500
Theft	100	(D)	100	200	(D)	(D)
Other/Unknown ¹	2,800	1,600	900	1,300	1,400	700
Total Non-Predators	3,900	3,100	2,400	3,400	3,200	1,600
Total Losses	15,000	15,000	16,000	21,000	15,000	14,000

(D) indicates Un-published: i.e. less than 100 head.

¹ Other/Unknown includes Other & Unknown causes combined with Un-published causes.

Totals may not add due to rounding.

Losses of Sheep & Lambs Combined, by Cause: Utah, 2015-2020 ¹

Cause of Loss	2015	2016	2017	2018	2019	2020
Number of Head	Head					
Bear	2,800	2,500	2,700	3,000	3,600	3,300
Bobcat	500	600	800	900	400	(D)
Coyote	15,200	14,900	16,300	20,300	14,200	16,300
Dog	500	800	600	1,500	500	400
Mountain Lion	2,000	4,000	4,300	5,000	4,100	2,900
Foxes	600	700	900	1,100	300	600
Wolves	(D)	100	300	200	(D)	(D)
Eagles	800	800	600	700	500	1,300
Ravens	200	300	400	400	300	700
Other/Unknown ²	400	500	400	600	700	800
Total Predators	23,000	25,200	27,300	33,700	24,600	26,300
Diseases	1,500	1,700	100	200	300	400
Enterotoxaemia	500	1,100	200	300	500	200
Weather Conditions	3,100	3,400	4,400	5,600	4,200	4,200
Lambing Complications	2,600	3,300	2,900	3,800	2,900	1,400
Old Age	1,400	1,600	1,200	1,400	900	1,500
On Back	100	100	300	300	200	100
Poison	1,200	1,400	1,100	1,200	1,000	1,500
Theft	100	100	200	400	(D)	100
Other/Unknown ²	7,500	5,100	3,300	4,100	5,400	2,800
Total Non-Predators	18,000	17,800	13,700	17,300	15,400	12,200
Total Losses	41,000	43,000	41,000	51,000	40,000	38,500
Percent of Total by Cause	Percent					
Bear	6.8	5.8	6.6	5.9	9.0	8.6
Bobcat	1.2	1.4	2.0	1.8	1.0	(D)
Coyote	37.1	34.7	39.8	39.8	35.5	42.3
Dog	1.2	1.9	1.5	2.9	1.3	1.0
Mountain Lion	4.9	9.3	10.5	9.8	10.3	7.5
Foxes	1.5	1.6	2.2	2.2	0.8	1.6
Wolves	(D)	0.2	0.7	0.4	(D)	(D)
Eagles	2.0	1.9	1.5	1.4	1.3	3.4
Ravens	0.5	0.7	1.0	0.8	0.8	1.8
Other/Unknown ²	1.0	1.2	1.0	1.2	1.8	2.1
Total Predators	56.1	58.6	66.6	66.1	61.5	68.3
Diseases	3.7	4.0	0.2	0.4	0.8	1.0
Enterotoxaemia	1.2	2.6	0.5	0.6	1.3	0.5
Weather Conditions	7.6	7.9	10.7	11.0	10.5	10.9
Lambing Complications	6.3	7.7	7.1	7.5	7.3	3.6
Old Age	3.4	3.7	2.9	2.7	2.3	3.9
On Back	0.2	0.2	0.7	0.6	0.5	0.3
Poison	2.9	3.3	2.7	2.4	2.5	3.9
Theft	0.2	0.2	0.5	0.8	(D)	0.3
Other/Unknown ²	18.3	11.9	8.0	8.0	13.5	7.3
Total Non-Predators	43.9	41.4	33.4	33.9	38.5	31.7
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0
Total Loss as a Percent of Supply ³	7.6	8.1	7.9	9.6	7.4	7.2
Dollar Value of Losses by Cause	1,000 dollars					
Bear	547	461	475	532	642	675
Bobcat	94	98	126	146	66	(D)
Coyote	2,838	2,541	2,727	3,480	2,443	3,322
Dog	99	145	106	271	87	83
Mountain Lion	390	705	721	851	724	594
Foxes	108	114	142	179	50	122
Wolves	(D)	16	53	33	(D)	(D)
Eagles	144	130	95	114	83	263
Ravens	36	49	63	65	50	142
Other/Unknown ²	81	86	74	109	116	165
Total Predators	4,336	4,346	4,581	5,779	4,259	5,366
Diseases	283	301	21	38	64	83
Enterotoxaemia	94	194	32	54	87	41
Weather Conditions	567	573	721	943	703	854
Lambing Complications	502	581	495	662	512	289
Old Age	312	340	255	305	191	319
On Back	22	21	64	65	43	21
Poison	250	278	212	234	198	311
Theft	18	21	32	71	(D)	20
Other/Unknown ²	1,422	884	542	688	924	574
Total Non-Predators	3,470	3,193	2,373	3,059	2,722	2,511
Total Losses	7,805	7,538	6,953	8,838	6,980	7,877

(D) indicates Un-published: i.e. less than 100 head.

¹ Lamb losses include both before & after docking losses.

² Other/Unknown includes Other & Unknown causes combined with Un-published causes.

³ Supply equals beginning January 1st inventory plus lamb crop plus before docking death loss.

Totals may not add due to rounding.

Losses of Sheep, by Cause: Utah, 2015-2020

Cause of Loss	2015	2016	2017	2018	2019	2020
Number of Head	Head					
Bear	1,000	1,100	900	800	1,000	700
Bobcat	100	(D)	(D)	(D)	(D)	(D)
Coyote	2,400	2,400	2,900	3,300	2,100	2,100
Dog	200	300	200	500	100	200
Mountain Lion	700	1,100	800	700	1,000	700
Foxes	(D)	(D)	(D)	(D)	(D)	(D)
Wolves	(D)	(D)	100	(D)	(D)	(D)
Eagles	(D)	(D)	(D)	(D)	(D)	(D)
Ravens	(D)	(D)	(D)	(D)	(D)	(D)
Other/Unknown ¹	200	100	200	200	(D)	300
Total Predators	4,600	5,000	5,100	5,500	4,200	4,000
Diseases	300	500	100	100	300	200
Enterotoxaemia	100	300	(D)	100	100	(D)
Weather Conditions	200	400	500	600	200	300
Lambing Complications	800	900	700	800	700	500
Old Age	1,400	1,600	1,200	1,400	900	1,500
On Back	100	100	300	300	200	100
Poison	800	1,000	700	700	700	700
Theft	(D)	100	(D)	100	(D)	(D)
Other/Unknown ¹	1,700	1,100	400	400	700	700
Total Non-Predators	5,400	6,000	3,900	4,500	3,800	4,000
Total Losses	10,000	11,000	9,000	10,000	8,000	8,000
Percent of Total by Cause	Percent					
Bear	10.0	10.0	10.0	8.0	12.5	8.8
Bobcat	1.0	(D)	(D)	(D)	(D)	(D)
Coyote	24.0	21.8	32.2	33.0	26.3	26.3
Dog	2.0	2.7	2.2	5.0	1.3	2.5
Mountain Lion	7.0	10.0	8.9	7.0	12.5	8.8
Foxes	(D)	(D)	(D)	(D)	(D)	(D)
Wolves	(D)	(D)	1.1	(D)	(D)	(D)
Eagles	(D)	(D)	(D)	(D)	(D)	(D)
Ravens	(D)	(D)	(D)	(D)	(D)	(D)
Other/Unknown ¹	2.0	0.9	2.2	2.0	(D)	3.8
Total Predators	46.0	45.5	56.7	55.0	52.5	50.0
Diseases	3.0	4.5	1.1	1.0	3.8	2.5
Enterotoxaemia	1.0	2.7	(D)	1.0	1.3	(D)
Weather Conditions	2.0	3.6	5.6	6.0	2.5	3.8
Lambing Complications	8.0	8.2	7.8	8.0	8.8	6.3
Old Age	14.0	14.5	13.3	14.0	11.3	18.8
On Back	1.0	0.9	3.3	3.0	2.5	1.3
Poison	8.0	9.1	7.8	7.0	8.8	8.8
Theft	(D)	0.9	(D)	1.0	(D)	(D)
Other/Unknown ¹	17.0	10.0	4.4	4.0	8.8	8.8
Total Non-Predators	54.0	54.5	43.3	45.0	47.5	50.0
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0
Dollar Value of Losses by Cause	1,000 dollars					
Bear	223	234	191	174	213	149
Bobcat	22	(D)	(D)	(D)	(D)	(D)
Coyote	534	510	616	718	446	446
Dog	45	64	43	109	21	43
Mountain Lion	156	234	170	152	213	149
Foxes	(D)	(D)	(D)	(D)	(D)	(D)
Wolves	(D)	(D)	21	(D)	(D)	(D)
Eagles	(D)	(D)	(D)	(D)	(D)	(D)
Ravens	(D)	(D)	(D)	(D)	(D)	(D)
Other/Unknown ¹	45	21	43	44	(D)	64
Total Predators	1,024	1,063	1,084	1,196	893	850
Diseases	67	106	21	22	64	43
Enterotoxaemia	22	64	(D)	22	21	(D)
Weather Conditions	45	85	106	131	43	64
Lambing Complications	178	191	149	174	149	106
Old Age	312	340	255	305	191	319
On Back	22	21	64	65	43	21
Poison	178	213	149	152	149	149
Theft	(D)	21	(D)	22	(D)	(D)
Other/Unknown ¹	378	234	85	87	149	149
Total Non-Predators	1,202	1,275	829	979	808	850
Total Losses	2,225	2,338	1,913	2,175	1,700	1,701

(D) indicates Un-published: i.e. less than 100 head.

¹ Other/Unknown indicates Other & Unknown causes combined with Un-published causes.

Total may not add due to rounding.

Losses of All Lambs, by Cause: Utah, 2015-2020 ¹

Cause of Loss	2015	2016	2017	2018	2019	2020
Number of Head	Head					
Bear	1,800	1,400	1,800	2,200	2,600	2,600
Bobcat	400	600	800	900	400	(D)
Coyote	12,800	12,500	13,400	17,000	12,100	14,200
Dog	300	500	400	1,000	400	200
Mountain Lion	1,300	2,900	3,500	4,300	3,100	2,200
Foxes	600	700	900	1,100	300	600
Wolves	(D)	100	200	200	(D)	(D)
Eagles	800	800	600	700	500	1,300
Ravens	200	300	400	400	300	700
Other/Unknown ²	200	400	200	400	700	500
Total Predators	18,400	20,200	22,200	28,200	20,400	22,300
Diseases	1,200	1,200	(D)	100	(D)	200
Enterotoxaemia	400	800	200	200	400	200
Weather Conditions	2,900	3,000	3,900	5,000	4,000	3,900
Lambing Complications	1,800	2,400	2,200	3,000	2,200	900
Old Age	NA	NA	NA	NA	NA	NA
On Back	(D)	(D)	(D)	(D)	(D)	(D)
Poison	400	400	400	500	300	800
Theft	100	(D)	200	300	(D)	100
Other/Unknown ²	5,800	4,000	2,900	3,700	4,700	2,100
Total Non-Predators	12,600	11,800	9,800	12,800	11,600	8,200
Total Losses	31,000	32,000	32,000	41,000	32,000	30,500
Percent of Total by Cause	Percent					
Bear	5.8	4.4	5.6	5.4	8.1	8.5
Bobcat	1.3	1.9	2.5	2.2	1.3	(D)
Coyote	41.3	39.1	41.9	41.5	37.8	46.6
Dog	1.0	1.6	1.3	2.4	1.3	0.7
Mountain Lion	4.2	9.1	10.9	10.5	9.7	7.2
Foxes	1.9	2.2	2.8	2.7	0.9	2.0
Wolves	(D)	0.3	0.6	0.5	(D)	(D)
Eagles	2.6	2.5	1.9	1.7	1.6	4.3
Ravens	0.6	0.9	1.3	1.0	0.9	2.3
Other/Unknown ²	0.6	1.3	0.6	1.0	2.2	1.6
Total Predators	59.4	63.1	69.4	68.8	63.8	73.1
Diseases	3.9	3.8	(D)	0.2	(D)	0.7
Enterotoxaemia	1.3	2.5	0.6	0.5	1.3	0.7
Weather Conditions	9.4	9.4	12.2	12.2	12.5	12.8
Lambing Complications	5.8	7.5	6.9	7.3	6.9	3.0
Old Age	NA	NA	NA	NA	NA	NA
On Back	(D)	(D)	(D)	(D)	(D)	(D)
Poison	1.3	1.3	1.3	1.2	0.9	2.6
Theft	0.3	(D)	0.6	0.7	(D)	0.3
Other/Unknown ²	18.7	12.5	9.1	9.0	14.7	6.9
Total Non-Predators	40.6	36.9	30.6	31.2	36.3	26.9
Total Losses	100.0	100.0	100.0	100.0	100.0	100.0
Dollar Value of Losses by Cause	1,000 dollars					
Bear	324	228	284	358	429	527
Bobcat	72	98	126	146	66	(D)
Coyote	2,304	2,031	2,111	2,763	1,997	2,876
Dog	54	81	63	163	66	41
Mountain Lion	234	471	551	699	512	446
Foxes	108	114	142	179	50	122
Wolves	(D)	16	32	33	(D)	(D)
Eagles	144	130	95	114	83	263
Ravens	36	49	63	65	50	142
Other/Unknown ²	36	65	32	65	116	101
Total Predators	3,312	3,283	3,497	4,583	3,366	4,516
Diseases	216	195	(D)	16	(D)	41
Enterotoxaemia	72	130	32	33	66	41
Weather Conditions	522	488	614	813	660	790
Lambing Complications	324	390	347	488	363	182
Old Age	NA	NA	NA	NA	NA	NA
On Back	(D)	(D)	(D)	(D)	(D)	(D)
Poison	72	65	63	81	50	162
Theft	18	(D)	32	49	(D)	20
Other/Unknown ²	1,044	650	457	601	776	425
Total Non-Predators	2,268	1,918	1,544	2,080	1,914	1,661
Total Losses	5,580	5,200	5,040	6,663	5,280	6,177

(D) indicates Un-published: i.e. less than 100 head.

¹ Lamb losses include both before & after docking losses.

² Other/Unknown includes Other & Unknown causes combined with Un-published causes.

Totals may not add due to rounding.

Layers & Eggs – Utah: 2016-2020

Item	Unit	2016	2017	2018	2019	2020
		Inventory, Production, & Value ¹ 2016-2020				
Average Layers.....	(1,000 Head)	4,571	5,153	4,793	4,711	4,685
Eggs per Layer ²	(Number)	278	294	293	308	309
Total Egg Production	(Million Eggs)	1,271	1,513	1,403	1,450	1,447
Value of Eggs Produced	(1,000 Dollars)	73,238	102,395	163,332	115,415	153,633
Chicken Inventory ³ & Value, December 1, 2016-2020						
Total Layers	(1,000 Head)	5,252	5,036	4,713	4,642	5,071
Total Pullets	(1,000 Head)	1,370	1,178	1,139	1,330	1,386
Total Chickens						
Total.....	(1,000 Head)	6,622	6,214	5,852	5,972	6,457
Value						
Average per Head.....	(Dollars)	2.40	2.20	2.30	3.10	2.40
Total Value	(1,000 Dollars)	15,893	13,671	13,460	18,513	15,497
Chickens: Lost, Sold, & Value of Sales ⁴ 2016-2020						
Lost ⁵	(1,000 Head)	950	1,598	1,127	1,230	2,168
Sold for Slaughter						
Chickens Sold.....	(1,000 Head)	3,003	2,648	2,272	1,764	1,745
Live Weight.....	(1,000 Pounds)	9,940	8,924	7,815	6,068	6,019
Value of Sales.....	(Dollars)	9,900	8,900	7,800	6,100	6,000

¹ Estimates cover the 12 month period, December 1, previous year, through November 30.

² Total egg production divided by average number of layers on hand.

³ Excludes commercial broilers.

⁴ Estimates exclude broilers and cover the 12 month period December 1, the previous year through November 30.

⁵ Includes rendered, died, destroyed, composted or disappeared for any reason except sold during the 12 month period.

Turkey: Production & Value – Utah: 2011-2020

Year	Production ¹	Production	Value of Production
	(1,000 Head)	(1,000 Pounds)	(1,000 Dollars)
2011.....	4,300	105,350	71,849
2012.....	4,100	105,780	76,267
2013.....	4,000	108,800	72,352
2014.....	4,000	96,800	71,148
2015.....	3,800	95,380	77,353
2016.....	4,700	121,730	100,549
2016.....	5,200	134,160	86,667
2018.....	(D)	(D)	(D)
2019.....	(D)	(D)	(D)
2020.....	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

¹ Excludes young turkeys lost.

Mink: Pelts Produced, Females Bred, Average Price, & Value – Utah & United States: 2011-2020

Year	Utah		United States			
	Pelts Produced	Females Bred	Pelts Produced	Females Bred	Average Marketing Price	Value of Pelts
	(1,000)	(1,000)	(Pelts)	(Number)	(Dollars)	(1,000 Dollars)
2011.....	699	169	3,091,470	706,000	94.30	291,526
2012.....	(1)	179	(1)	770,000	(1)	(1)
2013.....	855	(1)	3,544,610	(1)	56.30	199,562
2014.....	959	201	3,741,150	851,500	57.70	215,864
2015.....	868	214	3,682,960	848,700	32.00	117,855
2016.....	732	190	3,454,410	767,110	34.70	119,868
2017.....	743	173	3,400,080	770,400	36.10	122,743
2018.....	708	168	3,169,560	776,440	26.60	84,310
2019.....	557	158	2,742,200	695,650	21.30	58,409
2020.....	387	105	1,405,460	358,880	33.70	47,364

¹ Due to sequestration the Mink report was suspended.

Pelts Produced in 2020 & Females Bred for 2021, by Type – Utah & United States

Type ¹	Pelts Produced 2020		Females Bred To Produce Kits 2021	
	Utah	United States	Utah	United States
	(Pelts)	(Pelts)	(Number)	(Number)
Black.....	121,000	730,900	31,000	175,800
Demi/Wild.....	32,000	61,930	6,000	12,220
Pastel.....	40,000	51,010	8,500	10,890
Sapphire.....	(1)	75,810	(1)	17,220
Blue Iris.....	(1)	39,690	(1)	7,290
Mahogany.....	100,000	267,850	19,500	56,010
Pearl.....	(1)	55,500	(1)	12,500
Lavender.....	(1)	9,240	(1)	1,200
Violet.....	(1)	19,520	(1)	3,340
White.....	(1)	84,550	(1)	25,460
Other.....	(1)	9,460	(1)	1,630
Total.....	386,880	1,405,460	83,430	323,560

¹ Published color classes may not add to the State total to avoid disclosing individual operations.

Honey: Number of Colonies, Yield, Production, Stocks, Price, & Value – Utah: 2011-2020

[Producers with 5 or more colonies.]

Year	Honey Producing Colonies ¹	Yield per Colony	Production	Stocks December 15 ²	Average Price per Pound ³	Value of Production ⁴
	(Number)	(Pounds)	(1,000 Pounds)	(Pounds)	(Dollars)	(1,000 Dollars)
2011.....	23,000	39	897	170,000	1.75	1,570
2012.....	25,000	38	950	209,000	1.87	1,777
2013.....	30,000	34	1,020	92,000	2.09	2,132
2014.....	29,000	28	812	130,000	2.13	1,730
2015.....	27,000	42	1,134	147,000	1.92	2,177
2016.....	31,000	32	992	169,000	1.93	1,915
2017.....	27,000	31	837	67,000	2.08	1,741
2018.....	26,000	41	1,066	75,000	2.10	2,239
2019.....	22,000	29	638	89,000	1.97	1,257
2020.....	28,000	34	952	171,000	2.07	1,971

¹ Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the entire year.

² Stocks held by producers.

³ Average price per pound based on expanded sales.

⁴ Value of production is equal to production multiplied by average price per pound.

Trout: Total Value of Fish Sold & Foodsize Sales – Utah: 2011-2020

Year	Total Value of Fish Sold ¹	Foodsize (12 Inches or longer)			
		Number of Fish	Live Weight ²	Sales	
				Total ³	Average Price per Pound
	(Dollars)		(Pounds)	(Dollars)	(Dollars)
2011.....	516,000	75,000	87,000	307,000	3.53
2012.....	472,000	90,000	100,000	330,000	3.30
2013.....	617,000	100,000	151,000	556,000	3.68
2014.....	604,000	130,000	161,000	531,000	3.30
2015.....	630,000	90,000	113,000	444,000	3.93
2016.....	633,000	100,000	128,000	436,000	3.41
2017.....	694,000	140,000	184,000	550,000	2.99
2018.....	997,000	200,000	192,000	939,000	4.89
2019.....	1,629,000	260,000	288,000	1,336,000	4.64
2020.....	926,000	(D)	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations.

¹ Total sales excluding eggs.

² Due to rounding, total number of fish multiplied by the average pounds per unit may not exactly equal total live weight.

³ Due to rounding, total number or live weight multiplied by average value per unit may not exactly equal total sales.

Marketing Year Average Prices, by Commodity – Utah: 2012-2020

Commodity	Unit	2012	2013	2014	2015	2016	2017	2018	2019	2020
Wheat, All.....	Bu	9.59	7.94	7.07	5.18	4.30	5.20	6.00	4.95	5.43
Wheat, Winter	Bu	8.97	7.71	6.85	4.77	3.98	5.00	5.70	4.95	5.43
Wheat, Spring	Bu	11.50	8.66	8.58	7.00	5.50	7.00	6.70	(1)	(1)
Corn, Grain	Bu	7.59	5.47	4.13	4.68	3.87	3.96	4.31	4.30	4.95
Barley, All.....	Bu	5.87	4.17	3.13	2.97	2.36	3.08	3.69	3.70	4.00
Hay, All (Baled).....	Ton	189.00	182.00	188.00	162.00	127.00	134.00	171.00	181.00	181.00
Alfalfa	Ton	190.00	182.00	188.00	162.00	127.00	134.00	172.00	182.00	187.00
Other Hay.....	Ton	152.00	152.00	154.00	131.00	104.00	116.00	133.00	144.00	122.00
Tart Cherries	Lb	0.51	0.48	0.43	0.34	0.35	0.30	0.22	0.16	0.17
Milk Cows.....	Hd	1,300.00	1,290.00	1,740.00	1,930.00	1,730.00	1,700.00	1,450.00	1,140.00	1,210.00
Honey	Lb	1.87	2.09	2.13	1.92	1.93	2.08	2.10	1.97	2.07
Trout (12 Inch +) ...	Lb	3.30	3.68	3.30	3.93	3.41	2.99	4.89	4.64	(D)
Eggs ²	Doz	0.87	0.90	1.08	1.91	0.69	0.81	1.40	0.96	1.27
Milk, All.....	Cwt	17.60	19.50	23.70	17.00	16.20	17.70	16.10	18.50	18.20

(D) Withheld to avoid disclosing data for individual operations.

¹ No Longer in the estimate program.

² Egg Prices are derived from the annual production and annual value of production data from the April Poultry: Price & Value Report.

Prices Received: Monthly Averages by Selected Commodities – Utah: 2011-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	Milk											
	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)	(Dollars per Cwt)
2011.....	16.80	18.40	20.10	19.60	19.50	20.50	20.40	21.30	20.60	19.10	19.50	19.00
2012.....	18.20	16.80	16.50	15.70	15.10	14.60	15.80	17.40	18.80	21.00	21.80	20.60
2013.....	19.90	19.10	18.60	18.80	19.20	19.10	18.20	18.50	19.50	20.50	21.20	21.50
2014.....	22.30	24.10	24.10	24.60	24.40	23.00	22.50	23.80	25.00	24.90	23.80	21.50
2015.....	17.80	16.50	16.40	16.40	16.70	16.90	16.70	16.70	17.00	17.40	18.40	17.80
2016.....	16.10	15.60	15.00	14.90	14.40	14.50	15.60	16.80	17.70	16.70	17.50	19.10
2017.....	19.00	18.40	17.90	16.50	16.50	17.10	17.00	17.60	17.80	18.30	18.40	17.60
2018.....	16.20	15.10	15.70	15.80	16.20	16.10	15.30	15.80	16.80	17.50	16.80	16.30
2019.....	16.30	16.30	17.20	17.40	17.60	17.90	18.20	18.60	19.10	20.40	21.70	21.30
2020.....	19.20	18.60	17.80	15.20	13.80	17.10	19.70	19.50	18.30	18.90	21.40	18.90

Prices Received: Monthly Averages by Selected Commodities – Utah: 2011-2020 (continued)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
All Hay (Baled)												
	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)
2011.....	109.00	110.00	120.00	159.00	161.00	173.00	199.00	183.00	181.00	200.00	187.00	191.00
2012.....	189.00	175.00	173.00	189.00	205.00	198.00	199.00	187.00	187.00	187.00	182.00	192.00
2013.....	183.00	184.00	175.00	182.00	190.00	190.00	194.00	186.00	186.00	175.00	170.00	170.00
2014.....	174.00	180.00	175.00	170.00	170.00	170.00	194.00	204.00	205.00	199.00	185.00	179.00
2015.....	180.00	180.00	170.00	175.00	175.00	175.00	165.00	159.00	160.00	160.00	160.00	160.00
2016.....	160.00	160.00	145.00	145.00	120.00	130.00	130.00	129.00	130.00	130.00	130.00	125.00
2017.....	120.00	120.00	120.00	120.00	120.00	125.00	125.00	125.00	135.00	140.00	140.00	140.00
2018.....	140.00	145.00	150.00	150.00	150.00	160.00	159.00	169.00	174.00	174.00	174.00	179.00
2019.....	184.00	185.00	185.00	184.00	185.00	184.00	179.00	179.00	174.00	184.00	184.00	189.00
2020.....	184.00	175.00	179.00	174.00	167.00	171.00	177.00	172.00	184.00	179.00	189.00	184.00
Alfalfa Hay (Baled)												
	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)
2011.....	109.00	110.00	120.00	160.00	161.00	173.00	200.00	184.00	181.00	200.00	187.00	192.00
2012.....	189.00	175.00	173.00	189.00	205.00	198.00	200.00	188.00	187.00	187.00	182.00	192.00
2013.....	183.00	184.00	175.00	183.00	191.00	190.00	195.00	187.00	187.00	175.00	170.00	170.00
2014.....	175.00	180.00	175.00	170.00	170.00	170.00	195.00	205.00	205.00	200.00	185.00	180.00
2015.....	180.00	180.00	170.00	175.00	175.00	175.00	165.00	160.00	160.00	160.00	160.00	160.00
2016.....	160.00	160.00	145.00	145.00	120.00	130.00	130.00	130.00	130.00	130.00	130.00	125.00
2017.....	120.00	120.00	120.00	120.00	120.00	125.00	125.00	125.00	135.00	140.00	140.00	140.00
2018.....	140.00	145.00	150.00	150.00	150.00	160.00	160.00	170.00	175.00	175.00	175.00	180.00
2019.....	185.00	185.00	185.00	185.00	185.00	185.00	180.00	180.00	175.00	185.00	185.00	190.00
2020.....	185.00	175.00	180.00	175.00	170.00	175.00	185.00	180.00	190.00	185.00	195.00	190.00
All Other Hay (Baled)												
	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)	(Dollars per Ton)
2011.....	99.00	100.00	106.00	132.00	133.00	141.00	157.00	148.00	159.00	163.00	150.00	154.00
2012.....	152.00	142.00	141.00	152.00	163.00	158.00	160.00	151.00	150.00	147.00	147.00	154.00
2013.....	148.00	148.00	142.00	148.00	153.00	153.00	165.00	155.00	150.00	155.00	145.00	145.00
2014.....	145.00	145.00	140.00	140.00	140.00	140.00	160.00	165.00	165.00	160.00	150.00	145.00
2015.....	145.00	145.00	135.00	140.00	140.00	140.00	135.00	130.00	130.00	130.00	130.00	130.00
2016.....	130.00	130.00	120.00	115.00	100.00	100.00	100.00	100.00	110.00	110.00	110.00	105.00
2017.....	105.00	105.00	105.00	105.00	105.00	110.00	110.00	110.00	120.00	120.00	120.00	120.00
2018.....	120.00	120.00	125.00	125.00	125.00	125.00	125.00	130.00	135.00	135.00	135.00	135.00
2019.....	140.00	140.00	150.00	150.00	150.00	150.00	145.00	145.00	145.00	145.00	145.00	150.00
2020.....	140.00	140.00	130.00	125.00	125.00	115.00	115.00	115.00	115.00	125.00	125.00	130.00

Farm Labor: Number Hired, Wage Rates, & Hours Worked – Mountain II Region: July 2020, October 2020, January 2021, & April 2021 ^{1 2}

	July 2020	October 2020	January 2021	April 2021
Hired Workers				
Hired Workers	21,000	19,000	12,000	15,000
Expected to be Employed				
150 Days or More	17,000	17,000	11,000	13,000
149 Days or Less	4,000	2,000	1,000	2,000
Hours Worked (per Week)				
Hours Worked by Hired Workers	41.0	41.3	42.1	43.5
Wage Rates (Dollars per Hours)				
Wage Rates for all Hired Workers.....	15.28	15.42	16.27	16.42
Type of Worker				
Field	14.81	14.80	15.69	15.90
Livestock	14.57	14.70	15.54	15.72
Field & Livestock Combined.....	14.70	14.75	15.60	15.80

¹ Mountain II Region includes Colorado, Nevada, & Utah.

² Excludes Agricultural Service workers.

Grazing Fees: Annual Average Rates - Utah: 2011-2020

Year	Per Animal Unit ¹ (Dollars per Month)	Cow-Calf (Dollars per Month)	Per Head (Dollars per Month)
2011.....	13.20	18.60	15.80
2012.....	13.70	16.70	16.00
2013.....	14.50	18.50	16.00
2014.....	15.00	19.00	16.50
2015.....	16.00	20.00	17.00
2016.....	16.50	20.00	17.00
2017.....	16.50	20.00	18.50
2018.....	17.00	19.00	18.50
2019.....	18.00	20.00	18.50
2020.....	18.00	(S)	19.50

(S)Insufficient number of reports to establish an estimate.

¹ Includes animal unit plus cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf* 0.833)

County Estimates: Select Items & Years - Utah

Item	Unit	State Totals	County					
			Beaver	Box Elder	Cache	Carbon	Daggett	Davis
January 1, 2021								
All Cattle & Calves	(Head)	800,000	28,500	82,000	60,000	6,700	3,800	3,700
Beef Cows	(Head)	345,000	13,300	37,000	10,400	(D)	2,600	2,200
Milk Cows	(Head)	95,000	-	-	-	-	-	-
Sheep & Lambs	(Head)	285,000	-	-	-	-	-	-
Cash Receipts 2019 ¹								
Total.....	(1,000 Dollars)	1,930,673	226,574	145,627	173,569	6,533	3,490	25,012
Livestock.....	(1,000 Dollars)	1,368,121	205,681	98,525	134,039	4,009	2,987	3,376
Crops	(1,000 Dollars)	562,552	20,893	47,102	39,530	2,524	503	21,636
2017 Census of Agriculture ²								
Number of Farms ³	(Number)	17,800	272	1,187	1,397	309	52	528
Land in Farms ³	(Acres)	10,700,000	157,030	1,220,773	276,273	230,942	17,671	51,793
Harvested Cropland ⁴	(Acres)	1,062,894	37,496	154,321	116,796	8,011	5,409	6,316
Irrigated Land ⁵	(Acres)	1,097,219	40,240	103,836	90,148	9,253	7,168	9,995

See footnote(s) at end of table.

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County Estimates: Select Items & Years - Utah (Continued)

Item	Unit	County						
		Duchesne	Emery	Garfield	Grand	Iron	Juab	Kane
January 1, 2021								
All Cattle & Calves	(Head)	57,000	19,900	15,400	5,600	38,500	20,500	8,900
Beef Cows	(Head)	28,000	13,300	10,400	3,600	12,000	(D)	(D)
Milk Cows	(Head)	-	-	-	-	-	-	-
Sheep & Lambs	(Head)	-	-	-	-	-	-	-
Cash Receipts 2019 ¹								
Total.....	(1,000 Dollars)	72,351	18,634	20,366	8,616	152,330	56,648	8,768
Livestock.....	(1,000 Dollars)	56,650	13,895	16,395	3,593	93,201	24,535	7,998
Crops	(1,000 Dollars)	15,701	4,739	3,971	5,023	59,129	32,113	770
2017 Census of Agriculture ²								
Number of Farms ³	(Number)	1,063	504	286	102	486	292	182
Land in Farms ³	(Acres)	1,057,413	133,699	82,637	231,361	512,940	264,644	128,697
Harvested Cropland ⁴	(Acres)	59,527	21,370	13,013	9,705	65,182	27,013	3,384
Irrigated Land ⁵	(Acres)	96,513	32,848	21,194	11,498	64,380	23,731	6,896

See footnote(s) at end of table.

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County Estimates: Select Items & Years - Utah (Continued)

Item	Unit	County							
		Millard	Morgan	Piute	Rich	Salt Lake	San Juan	Sanpete	Sevier
January 1, 2021									
All Cattle & Calves	(Head)	59,000	8,300	18,600	42,000	2,200	15,300	59,000	49,500
Beef Cows.....	(Head)	19,100	4,600	6,400	(D)	(D)	9,600	17,300	13,500
Milk Cows.....	(Head)	-	-	-	-	-	-	-	-
Sheep & Lambs	(Head)	-	-	-	-	-	-	-	-
Cash Receipts 2019 ¹									
Total.....	(1,000 Dollars)	198,719	18,542	38,206	30,582	21,405	16,403	151,677	113,166
Livestock.....	(1,000 Dollars)	103,852	16,120	34,500	26,675	2,925	10,394	130,582	91,811
Crops	(1,000 Dollars)	94,867	2,422	3,706	3,907	18,480	6,009	21,095	21,355
2017 Census of Agriculture ²									
Number of Farms ³	(Number)	654	372	104	160	592	823	1,003	691
Land in Farms ³	(Acres)	481,539	242,666	54,445	374,947	61,965	1,657,212	301,691	108,992
Harvested Cropland ⁴	(Acres)	112,567	12,636	11,308	41,118	6,003	44,614	57,963	40,129
Irrigated Land ⁵	(Acres)	122,680	9,023	15,340	42,422	7,430	7,571	76,489	49,440

See footnote(s) at end of table.

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County Estimates: Select Items & Years - Utah (Continued)

Item	Unit	County							
		Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
January 1, 2021									
All Cattle & Calves	(Head)	19,600	21,500	37,500	57,000	7,700	13,300	19,000	20,000
Beef Cows.....	(Head)	9,500	13,400	23,500	17,400	5,100	8,700	10,000	5,800
Milk Cows.....	(Head)	-	-	-	-	-	-	-	-
Sheep & Lambs	(Head)	-	-	-	-	-	-	-	-
Cash Receipts 2019 ¹									
Total.....	(1,000 Dollars)	30,929	33,834	51,845	198,771	10,422	20,536	16,004	61,114
Livestock.....	(1,000 Dollars)	26,395	26,813	35,182	131,800	8,346	13,741	14,087	30,014
Crops	(1,000 Dollars)	4,534	7,021	16,663	66,971	2,076	6,795	1,917	31,100
2017 Census of Agriculture ²									
Number of Farms ³	(Number)	626	540	1,114	2,589	475	537	209	1,260
Land in Farms ³	(Acres)	295,588	348,934	1,824,700	303,795	97,098	155,047	42,751	94,361
Harvested Cropland ⁴	(Acres)	18,616	16,663	47,696	73,397	7,836	9,231	13,336	22,238
Irrigated Land ⁵	(Acres)	21,298	21,894	65,306	72,669	11,252	12,984	16,552	27,169

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Source: Bureau of Economic Analysis, U.S. Department of Commerce. All dollar estimates are in current dollars (not adjusted for inflation).

² These county estimates are only published once every 5 years with the Census of Agriculture.

³ State level estimates are published annually, number of farms and land in farms for the state of Utah are for 2020.

⁴ Includes land from which crops were harvested or hay was cut, & land in orchards.

⁵ Includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches & spreader dikes.

County Estimates: Cattle – Utah: January 1, 2020 & 2021

County ¹	All Cattle		Beef Cows		Milk Cows	
	2020 (Number)	2021 (Number)	2020 (Number)	2021 (Number)	2020 (Number)	2021 ² (Number)
Northern						
Box Elder	84,000	82,000	38,500	37,000	8,600	-
Cache	62,000	60,000	10,800	10,400	18,100	-
Davis	3,700	3,700	2,300	2,200	(D)	-
Morgan	8,400	8,300	4,800	4,600	800	-
Rich	42,500	42,000	(D)	(D)	-	-
Salt Lake	2,200	2,200	(D)	(D)	(D)	-
Tooele	22,000	21,500	13,800	13,400	(D)	-
Weber	20,500	20,000	6,000	5,800	4,500	-
Central						
Juab	21,000	20,500	(D)	(D)	(D)	-
Millard	61,000	59,000	19,800	19,100	12,100	-
Sanpete	61,000	59,000	18,000	17,300	7,400	-
Sevier	51,000	49,500	14,000	13,500	4,500	-
Utah	58,000	57,000	18,000	17,400	15,100	-
Eastern						
Carbon	6,800	6,700	(D)	(D)	(D)	-
Daggett	3,900	3,800	2,700	2,600	-	-
Duchesne	59,000	57,000	29,000	28,000	3,200	-
Emery	20,500	19,900	13,800	13,300	(D)	-
Grand	5,700	5,600	3,700	3,600	(D)	-
San Juan	15,600	15,300	9,900	9,600	(D)	-
Summit	20,000	19,600	9,800	9,500	800	-
Uintah	38,000	37,500	24,500	23,500	700	-
Wasatch	7,800	7,700	5,300	5,100	700	-
Southern						
Beaver	29,000	28,500	13,800	13,300	1,700	-
Garfield	15,800	15,400	10,800	10,400	(D)	-
Iron	39,500	38,500	12,500	12,000	11,200	-
Kane	9,000	8,900	(D)	(D)	-	-
Piute	19,100	18,600	6,600	6,400	4,400	-
Washington	13,500	13,300	9,100	8,700	(D)	-
Wayne	19,500	19,000	10,400	10,000	700	-
Other Counties	-	-	50,100	48,300	2,500	-
State Total	820,000	800,000	358,000	345,000	97,000	95,000

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

¹ Counties with missing data are included in "Other Counties".

² Milk Cow County Estimates not estimated in 2021.

County Estimates: Cash Rent per Acre – Utah: 2020 & 2021

District & County ^{1, 2, 3}	Rented for Cash					
	Irrigated Cropland		Non-Irrigated Cropland		Pastureland	
	2020	2021	2020	2021	2020	2021
	(Dollars/Acre)	(Dollars/Acre)	(Dollars/Acre)	(Dollars/Acre)	(Dollars/Acre)	(Dollars/Acre)
Northern						
Box Elder	131.00	139.00	24.50	26.50	4.70	6.20
Cache.....	97.00	112.00	38.00	40.50	9.20	15.00
Davis.....	163.00	153.00	(D)	41.50	11.00	16.00
Morgan.....	80.50	75.50	27.50	28.00	2.90	2.70
Rich.....	42.50	45.00	18.50	20.00	10.00	6.00
Salt Lake.....	98.00	97.00	(D)	(D)	6.80	5.20
Tooele.....	50.00	62.50	24.00	15.00	3.40	3.00
Weber.....	130.00	135.00	45.50	46.00	19.50	22.00
Other Counties.....	-	(3)	27.00	(3)	-	(3)
Total	109.00	(2)	28.00	(2)	5.20	(2)
Central						
Juab.....	61.00	52.00	13.50	12.50	3.20	8.90
Millard.....	134.00	169.00	31.50	14.50	7.20	4.80
Sanpete.....	118.00	112.00	(D)	(D)	5.60	4.00
Sevier.....	92.50	91.00	20.00	(D)	14.50	7.00
Utah.....	96.50	111.00	(D)	(D)	2.80	3.50
Other Counties.....	-	(3)	31.00	(3)	-	(3)
Total	112.00	(2)	27.50	(2)	4.90	(2)
Eastern						
Carbon.....	68.00	80.00	-	(D)	2.70	2.30
Daggett.....	(D)	(D)	(D)	-	(D)	(D)
Duchesne.....	61.50	63.50	25.00	(D)	9.60	8.70
Emery.....	34.50	51.00	11.50	(D)	4.50	5.00
Grand.....	(D)	60.50	-	-	(D)	(D)
San Juan.....	59.00	(D)	(D)	(D)	3.80	4.20
Summit.....	63.00	67.00	37.00	(D)	6.30	5.40
Uintah.....	72.00	75.00	(D)	29.50	11.00	11.00
Wasatch.....	79.50	72.00	(D)	(D)	8.00	5.10
Other Counties.....	44.00	(3)	30.50	(3)	3.90	(3)
Total	60.50	(2)	29.00	(2)	6.10	(2)
Southern						
Beaver.....	(D)	(D)	-	(D)	8.60	12.00
Garfield.....	66.00	(D)	(D)	47.00	3.80	(D)
Iron.....	113.00	123.00	(D)	(D)	2.30	2.00
Kane.....	(D)	75.50	-	-	2.00	3.40
Piute.....	44.50	65.00	(D)	(D)	10.50	(D)
Washington.....	161.00	166.00	-	(D)	3.20	4.10
Wayne.....	104.00	65.50	(D)	(D)	8.30	7.90
Other Counties.....	123.00	(3)	27.50	(3)	-	(3)
Total	108.00	(2)	27.50	(2)	3.00	(2)
Other Counties.....	(3)	79.00	(3)	28.50	(3)	3.40
State Total.....	101.00	107.00	28.00	28.00	4.90	4.50

- Represents zero.

(D)Withheld to avoid disclosing data for individual operations.

¹ Counties with missing data are included in the appropriate district's "Other Counties".

² District totals were discontinued in 2021.

³ Starting in 2021, all Counties with missing data are included in "Other Counties" at the bottom of the table.

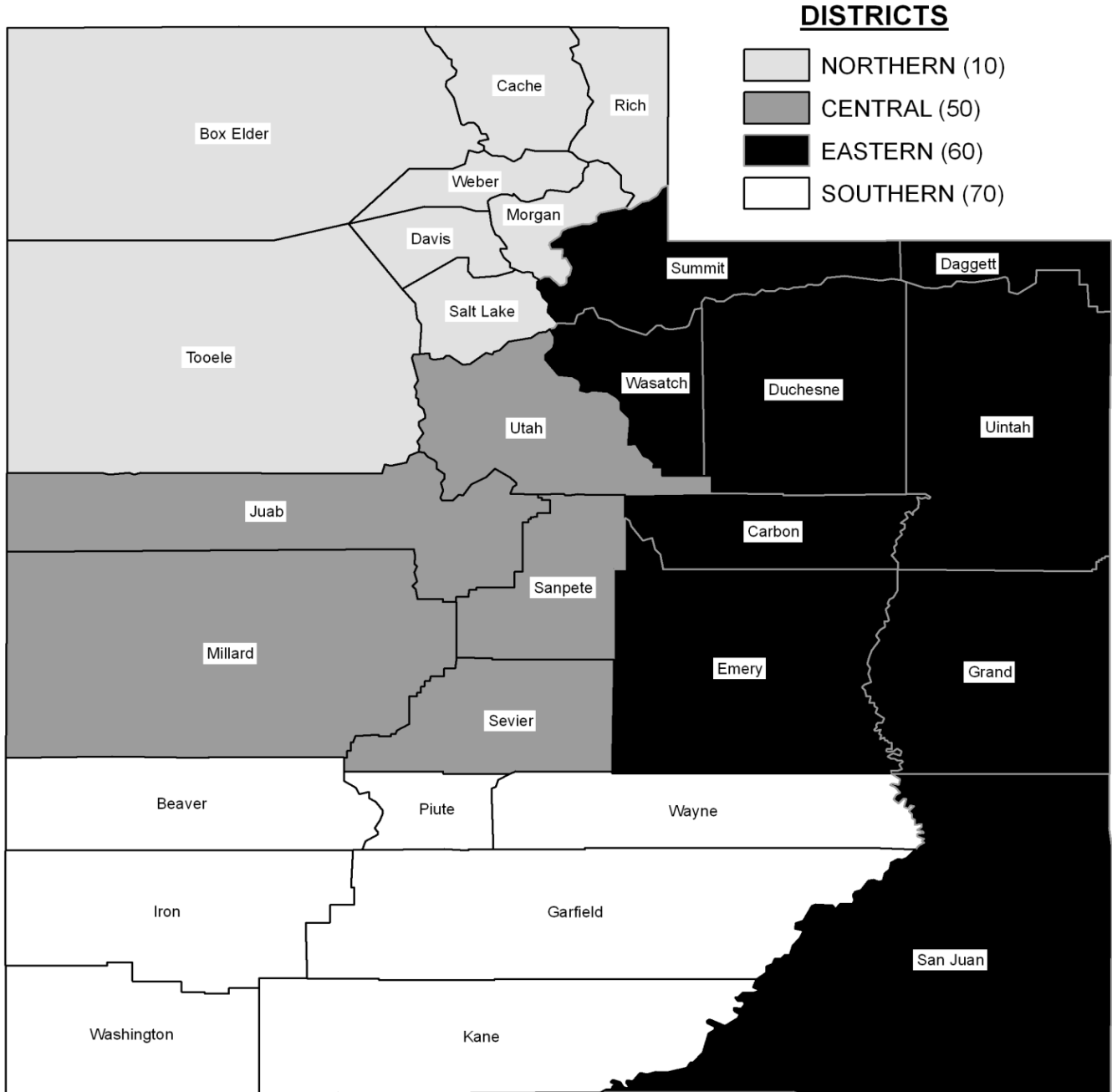
Utah State University Irrigated Alfalfa Enterprise Budget – 2021
 Number of Acres: 100 Area: Northern Utah

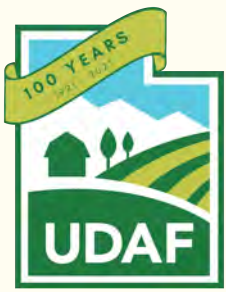
GROSS RECEIPTS FROM PRODUCTION						
GROSS RECEIPTS	Tons	Unit	Total Number of Units	2021 Proj. Price/Unit	Total Value	Value or Cost/Acre
Premium Alfalfa	1	Acre	100	\$215	\$ 21,500.00	\$ 215.00
Medium-Quality Alfalfa	2.5	Acre	100	\$185	\$ 46,250.00	\$ 462.50
Low-Quality Alfalfa	1.5	Acre	100	\$140	\$ 21,000.00	\$ 210.00
Total Receipts					\$ 88,750.00	\$ 887.50
DIRECT COSTS						
VARIABLE COSTS					Total Value	Value or Cost/Acre
Fertilizer		Acre	100	\$ 80.00	\$ 8,000.00	\$ 80.00
Application		Acre	100	\$ 9.50	\$ 950.00	\$ 9.50
Herbicide		Acre	100	\$ 7.25	\$ 725.00	\$ 7.25
Application		Acre	100	\$ 9.50	\$ 950.00	\$ 9.50
Insecticide		Acre	100	\$ 5.50	\$ 550.00	\$ 5.50
Application		Acre	100	\$ 9.50	\$ 950.00	\$ 9.50
Irrigation						
Water Cost		Acre	100	\$ 25.00	\$ 2,500.00	\$ 25.00
Irrigation Labor		Acre	100	\$ 25.00	\$ 2,500.00	\$ 25.00
Crop Insurance		Acre	100	\$ 2.50	\$ 250.00	\$ 2.50
Operator Labor		Acre	100	\$ 85.00	\$ 8,500.00	\$ 85.00
Fuel		Acre	100	\$ 64.79	\$ 6,479.00	\$ 64.79
Repairs & Maintenance		Acre	100	\$ 67.00	\$ 6,700.00	\$ 67.00
Interest		Acre	100	\$ 2.75	\$ 275.00	\$ 2.75
Other		Acre	100	\$ 7.50	\$ 750.00	\$ 7.50
Total Variable Costs					\$ 40,079.00	\$ 400.79
INDIRECT COSTS						
FIXED COSTS						
Capital Recovery						
Buildings, Equipment, & Improvements				\$ 4,500.62	\$ 4,500.62	\$ 45.01
Machinery & Vehicles				\$ 17,820.00	\$ 17,820.00	\$ 178.20
Taxes & Insurance				\$ 46.00	\$ 46.00	\$ 4.60
General Overhead				\$ 50.00	\$ 50.00	\$ 5.00
TOTAL FIXED COSTS					\$ 23,916.62	\$ 239.17
TOTAL COSTS					\$ 63,995.62	\$ 639.96
Income Over Variable Costs					\$ 48,671.00	\$ 486.71
Income Over Total Costs					\$ 24,754.38	\$ 247.54

Utah State University Extension Economics, Holstein Dairy Budget - 2021

Receipts	Unit(s)	Price or Cost/Unit	Number of Units/cow	Value/Cost per cow
Milk Sales	Cwt	\$ 18.00	241.27	\$ 4,342.86
Bulls	Head	\$ 269.00	0.44	\$ 118.36
Heifer Calves	Head	\$ 850.00	0.24	\$ 204.00
Sale of Cull Cows	Head	\$ 1,215.00	0.20	\$ 243.00
Other (Manure, etc.)	Head	\$ 64.78	1.00	\$ 64.78
Subtotal				\$ 4,973.00
Expenses				
Operating				
Hay	Ton	\$ 183.00	10.00	\$ 1,830.00
Concentrates	Ton	\$ 8.31	9.25	\$ 76.82
Supplies	Head	\$ 125.46	1	\$ 125.46
Milk Hauling & Marketings	Head	\$ 59.63	1	\$ 59.63
Utilities	Head	\$ 43.67	1	\$ 43.67
Vet Medicine and Breeding	Head	\$ 176.39	1	\$ 176.39
Repairs (vehicles, machinery, equipment)	Head	\$ 117.59	1	\$ 117.59
Fertilizer, insecticide, herbicide and application	Head	\$ 6.21	1	\$ 6.21
Bedding	Head	\$ 109.00	1	\$ 109.00
Replacements	Head	\$ 1,285.00	0.2	\$ 257.00
Subtotal				\$ 2,801.76
Allocated				
Fuel and Oil	Head	\$ 109.45	1	\$ 109.45
Insurance	Head	\$ 15.00	1	\$ 15.00
Hired Labor (\$15/hour)	Head	\$ 15.00	20.3	\$ 304.50
Miscellaneous	Head	\$ 3.80	1	\$ 3.80
Property Taxes	Total	\$ 10.11	1	\$ 10.11
Subtotal				\$ 442.86
Depreciation and interest				
Interest	Head	\$ 195.56	1	\$ 195.56
Depreciation	Head	\$ 72.44	1	\$ 72.44
Subtotal				\$ 268.00
Total Costs				\$ 3,512.62
Net returns to operator labor, management and equity capital				\$ 1,460.38
Taxes (30%)				\$ 438.11
Returns minus taxes				\$ 1,022.27

UTAH COUNTIES AND DISTRICTS





UTAH DEPARTMENT OF
AGRICULTURE AND FOOD



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Image from the Three Creeks Grazing Improvement Project⁸³