



Salute to Agriculture



PUBLICATIONS

Spring 2022



Salute To Agriculture 2022

By Alice Patterson

Hats off to Butte County's #1 industry...Agriculture! Since 1939, the Butte County Agricultural Department has submitted its annual crop report to the California Department of Food and Agriculture. The 81st Annual Report, released in October, 2021, outlines

the agricultural production and agricultural value in Butte County for the 2020 calendar year. The report is a summary estimate of the acreage, production and gross value of Butte County agricultural products. The values presented in the report are gross values only, and do not reflect net farm income

or costs of production and marketing.

The estimated gross value of agricultural production in Butte County for 2020 totaled \$625,384,709. This is a \$62,985,207 decrease over the 2019 gross value total of \$688,369,916. Butte County's 10-

year average is \$715,658,933.

This year's Salute to Ag highlights just some of the data included in the report, along with updates on some of the important organizations throughout Butte County that are committed to ag throughout the region.

FIVE YEAR SUMMARY OF CROP VALUES

CROP	2016	2017	2018	2019	2020
APIARY PRODUCTS	\$10,586,121	\$11,198,212	\$11,339,919	\$16,278,127	\$18,406,315
FIELD CROPS	\$135,340,039	\$153,907,456	\$168,499,501	\$178,916,025	\$189,041,960
FRUIT & NUT CROPS	\$475,230,758	\$453,611,637	\$372,212,935	\$410,596,026	\$332,638,603
LIVESTOCK	\$14,478,648	\$12,744,180	\$12,342,133	\$13,894,423	\$13,203,215
NURSERY STOCK	\$11,664,000	\$13,877,606	\$18,806,821	\$16,488,171	\$16,817,934
SEED CROPS	\$14,677,834	\$12,186,168	\$10,288,040	\$12,002,400	\$13,975,619
VEGETABLE CROPS	\$1,524,973	\$1,601,222	\$1,681,283	\$1,723,471	\$1,493,675
ORGANIC CROPS	\$23,759,940	\$23,902,017	\$20,716,243	\$30,145,653	\$31,393,954
CROP TOTALS	\$687,262,313	\$683,028,498	\$615,886,875	\$680,044,296	\$616,971,275
TIMBER	\$8,525,004	\$13,534,716	\$15,911,852	\$8,325,620	\$8,413,434
GRAND TOTAL	\$695,787,317	\$696,563,214	\$631,798,727	\$688,369,916	\$625,384,709

FIVE YEAR SUMMARY OF PLANT CROP ACRES

CROP	2016	2017	2018	2019	2020
FIELD CROPS	321,932	309,483	253,644	310,582	272,094
FRUIT & NUT CROPS	101,446	101,409	107,299	108,113	102,984
SEED CROPS	6,176	5,492	5,533	6,144	6,557
VEGETABLE CROPS	674	603	615	525	462
GRAND TOTAL	430,228	416,987	367,091	425,364	382,097



Million Dollar Ag Commodities

Rice	\$179,098,920
Almonds	\$147,413,000
Walnuts	\$128,028,000
Prunes	\$28,789,500
Nursery Stock	\$16,817,934
Apiary, Pollination	\$15,042,000
Rice Seed	\$12,959,520
Peaches	\$11,388,960
Cattle & Calves	\$11,062,735
Harvested Timber	\$8,413,434
Field Crops, Misc.	\$4,623,040
Pistachios	\$4,342,800
Fruit & Nut, Misc.	\$4,304,393
Apiary, Other Products	\$3,364,315
Almond Hulls	\$3,006,510
Pasture, Other	\$2,400,000
Kiwifruit	\$2,174,700
Livestock, Misc.	\$1,800,000
Olive, Oil	\$1,728,240
Pasture, Irrigated	\$1,650,000
Vegetables	\$1,493,675
Citrus	\$1,462,500
Milk, Market & Manufacturing	\$1,190,899
Seed, Misc.	\$1,016,099



Patrick Ranch: An Agricultural Delight for All Ages

The Patrick Ranch Museum is dedicated to enhancing people's understanding and appreciation of our community's rich agricultural heritage through the presentation of its collection, rotating exhibits, and interpretive displays.

The Museum is home to the [1877 Glenwood Farmhouse](#), Visitor Center, and [Gift Shop](#), as well as multiple barns, a priceless collection of artifacts, and is located on a beautiful 28 acres between Chico and Durham. Bequeathed to the Far West Heritage Association by the last ranch owner, Hester Grimm Patrick and her husband William Garrison Patrick,



they championed the promotion, documentation, preservation, and appreciation of its history. The interior of the Glenwood Farmhouse is furnished with Hester Patrick's furniture, antiques and artifacts, and continues to evolve.

Throughout the year, the Museum offers a wide variety of activities. Special events, children's programs, and [speakers](#), covering a range of topics, bring the history of agriculture to life and address current issues. The museum aims

to light the fire of inspiration, passion and understanding in adults and children alike through the exploration of 28 acres of plants, water, [bees](#) and historic buildings. Volunteers remain committed to the vision that Hester Patrick had of using her land and home to inspire and educate people about our natural history and the agricultural significance of the area.

Patrick Ranch Museum
10381 Midway,
Durham, CA 95938
Tel (530) 342-4359
Email: officeprm@patrickranch-museum.org

Proud to support Butte County Agriculture

SALES • SERVICE • PARTS



15 time winner of the

Prestigious Ford President's Award

1709 Highway 99
Gridley, CA 95948

846-4724

Factory Trained
Technicians for
Professional and
Friendly Service

Proudly located in
Gridley for over 50 years



Did you know?



University Farm Offers Countless Opportunities for Ag Education

The University Farm at California State University, Chico was established in 1960 through the efforts of its namesake, Senator Paul L. Byrne. The facility supports classes in agriculture in the same way a chemistry lab supports its discipline. Whether participating in class labs or working as part-time employees, thousands of students have benefited from the University Farm, located on Hegan Lane, five miles south of the main Chico State campus.

The farm serves more than just students. Farmers and ranchers benefit from research conducted on the farm, and the farm's produce and meat sales have long been popular in the Chico community. Grade-school field trips are also a long-standing Chico tradition. Thousands of children tour the farm annually. For most of them it is their first exposure to live farm animals and hands-on interaction with farming. The farm is also the site of countless professional seminars and Future Farmers of America and 4-H field

days.

Guided, tractor-driven tours are offered the Third Friday of each month at 2 p.m. No tours are offered during the months of January, June, and July. Reservations are recommended. Call 530-898-3737 to reserve your space on the tour.

To learn more, contact the Farm office at 530-898-6343.



Protecting and Promoting Agricultural Interests: Butte County Farm Bureau



Source: Buttefarmbureau.com

Butte County Farm Bureau is a non-profit grass roots organization whose purpose is to protect and promote agricultural interests throughout the state of California and to find solutions to the problems of the farm, the farm home, and the rural community. BCFB is part of California's largest farm organization the California Farm Bureau Federation which is comprised of 53 county farm bureaus representing 53,000 members in 56 counties. The organization aims to protect and improve the ability of farmers and ranchers engaged in production agriculture to provide a reliable supply of food and fiber through responsible stewardship of California's resources.

roots recommendations originating at the community and county Farm Bureau levels. From these recommendations, tentative policy resolutions are prepared and submitted to the CFBF House of Delegates for action at its annual meeting each December.

Since 1917, BCFB has been working to protect agriculture's interests, but the organization couldn't continue its work without the support of its members. Membership dues not only provide funding for fighting issues that are important to the agricultural community, but also for educational opportunities in the area. BCFB provides scholarships for high school students attending college with an interest in an agricultural field. In November the organization hosts the Agribee, an agricultural spelling bee for fourth and fifth grade students. BCFB regularly supports local programs and organizations such as local 4-H and FFA, California Women for Agriculture, End of Frost and The Cartel at the Silver Dollar Fair.

The Farm Bureau is organized on a county, state and national basis in that order; the county Farm Bureau is the nucleus of the organization. It is here that members join by payment of nominal annual dues which entitles them to the wide range of services and benefits of membership. The policies and programs of Farm Bureau are developed from grass-



From 2 h.p. to 500 h.p.

We've come a long way in 100 years!

Since 1922, Northgate Petroleum has served the needs of the North State Agricultural Community with Pride.

SERVICES:

- ⚡ Fuel
- ⚡ Fuel and Oil Delivery
- ⚡ Lubricants
- ⚡ Ethanol-Free Gasoline
- ⚡ Pacific Pride Fueling
- ⚡ Tanks and Equipment
- ⚡ Diesel Exhaust Fluid at the Pump



530.342.6504 ~ 2549 Scott Ave. Chico, CA (Off E. Park-Behind MJB Welding)

Career paths in agriculture

As the world population grows, the role of the agricultural sector will become even more prominent. There should be significant demand for agricultural professionals capable of meeting the challenges facing the world as it confronts climate change and food shortages. That makes now a perfect time for students to explore potential career paths in the agricultural sector.



- **Agricultural engineer:** Agricultural engineers employ engineering principles to solve issues related to agricultural production. An agricultural engineer may design facilities or machinery or develop solutions to address problems related to irrigation and soil conservation, among other projects. Students interested in a career as an agricultural engineer can expect to study mathematics, physics, chemistry, computer engineering, and, of course, engineering analysis and design as they pursue their degrees.

- **Agronomist:** Agronomists work with crops and soil management and may work as analysts, environmentalists or forecasters. Agronomists may be tasked with analyzing soil structure and chemistry and study how water is moving within soil. Students will study agriculture, biology, chemistry, and physics en route to earning a degree that will help them become an agronomist. Mathematics also will be part of their studies, and statistics courses will be part of those studies.

- **Biochemist:** Biochemists study the chemical and physical principles of living things and biological processes. Within the agricultural sector, biochemists will contribute to the development of agricultural products, including those that will serve a medicinal function. Biochemistry, chemistry, biology, calculus, and physics will be part of students' coursework as they pursue degrees that prepare them for a career as a biochemist.

- **Climatologist:** Climatologists will figure prominently in the agricultural sector as the effects of climate change manifest themselves more readily over the next several decades. Climatologists study climate change, variability

and the biosphere. Climatologists offer insight about the effects of climate change on the growth and development of agricultural products, including fruits, grains and vegetables. The natural sciences feature prominently in climatologists' educations, and students also will study meteorology as part of their coursework.

- **Food scientist:** Food scientists study chemistry, biochemistry, microbiology, and engineering so they can assist in the development of new food products. Food scientists may manage processing plants and some serve as researchers in an effort to solve problems related to food production.

Plant pathologist: Plant pathologists specialize in analyzing issues related to plant diseases. Research features prominently in plant pathologists' work, and many work in university settings. Some plant pathologists work for companies attempting to develop pest-resistant plants. Advanced degrees are necessary to work as a plant pathologist, and students will study mycology, bacteriology, virology, and physiology, among other subjects, as they pursue their degrees.

The agricultural sector employs millions of people across the globe. Many of those people do interesting work as they attempt to address issues facing the agricultural sector.

FAMILY OWNED AND OPERATED SINCE 1990

NORTH STATE **DRILLING**

LIC # 812678

— WATER WELL DRILLING —

AGRICULTURAL

COMMERCIAL

MUNICIPAL

DOMESTIC

SERVING NORTHERN & CENTRAL CALIFORNIA

NORTH STATE **ELECTRIC & PUMP**

LIC # 534959

— LOCAL SALES & SERVICE —

NEW & USED PUMPS

MOTORS & CONTROL

WELL DEVELOPMENT

REHAB & REPAIR

WELL
INDUSTRIES
— INC. —

30+ YEARS IN BUSINESS

‘WE HELP YOU GROW...BY MAKING WATER FLOW’

CALL US TODAY!

(530) 891-5545

WELLINDUSRIESINC.COM

3282 HIGHWAY 32, CHICO, CA



PROUD MEMBER OF
BOTH CGA & NGWA



More Expertise for Agricultural Facility Construction.



Whether you need to build a nut processing plant or a personal shop, we're ready to roll up our sleeves and get to work. As your local Butler Builder[®], we offer solutions that combine superior performance, long lasting roof and wall finishes and flexible interior configurations for unmatched functionality and productivity. What can we build for you?

Contact us at (530) 345-7296

OR VISIT US ON THE WEB

www.northvalleybuilding.com

License #812173

©2013 BlueScope Buildings North America, Inc. All rights reserved. Butler Manufacturing is a division of BlueScope building North America, Inc.

