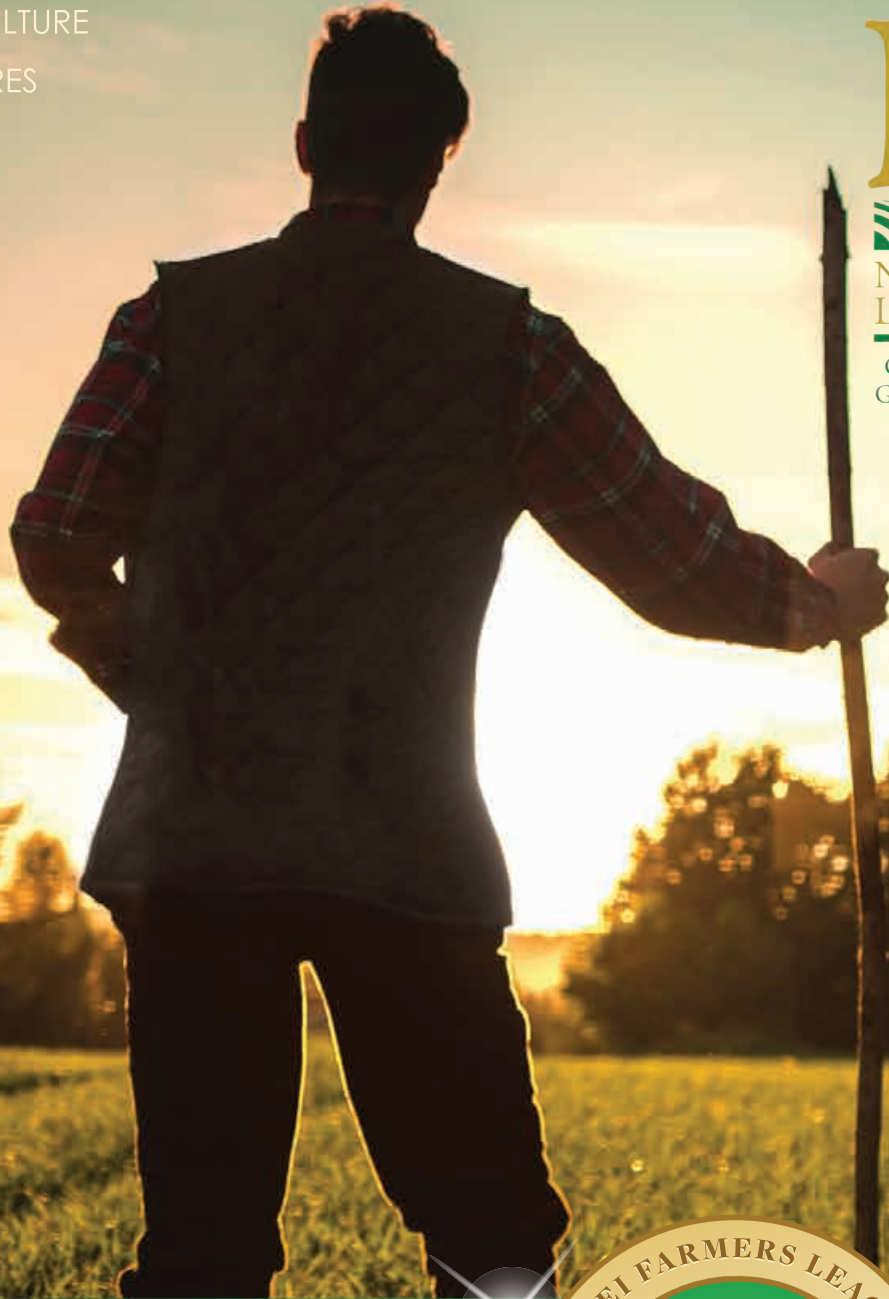


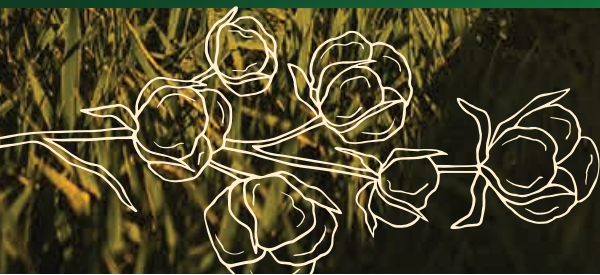


2021 CROP REPORT

DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES



CELEBRATING





LEGENDARY



MAE MORITA
Agriculturist of the Year



GRANT MIYAMOTO
Agriculturist of the Year



MITCH NAKASHIMA
Agriculturist of the Year



BILL YAMAMOTO
Agriculturist of the Year



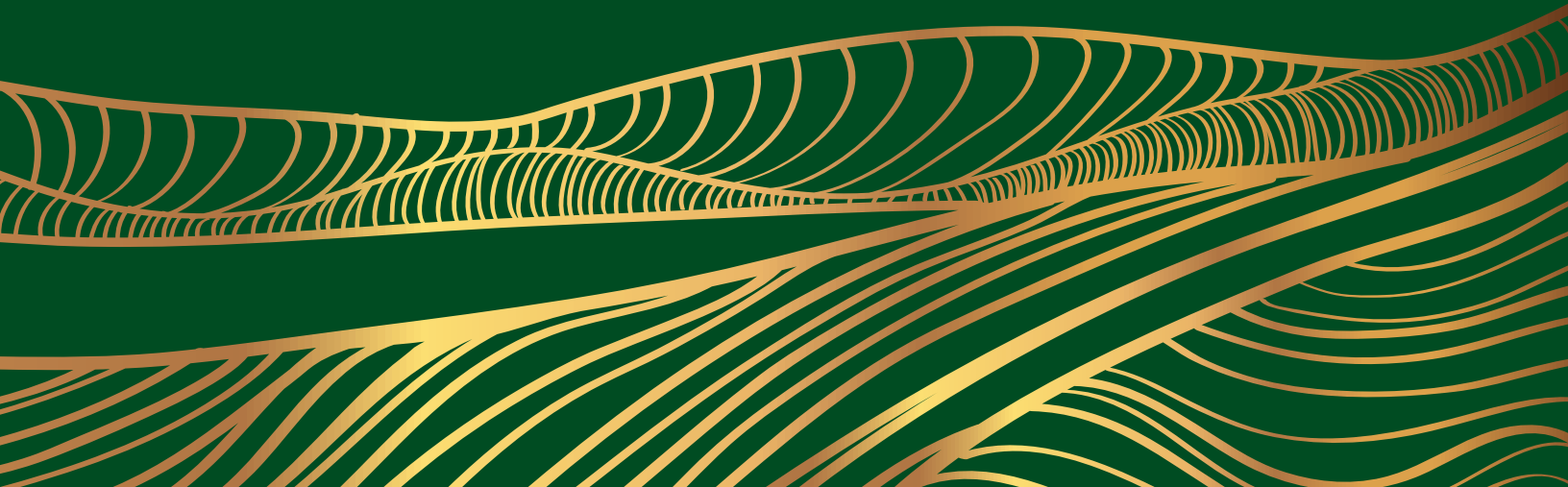
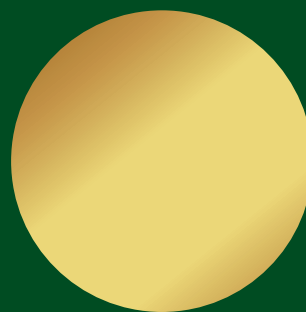
DAVID SASAKI
Agriculturist of the Year

WE HONOR
Nisei
FARMER LEGENDS
and
ALL WHO
REPRESENT
THE INTERESTS
of
OUR
MEMBER GROWERS,
FARM WORKERS,
PACKERS,
and
PROCESSORS
in
CALIFORNIA



LOCAL PHOTO CREDIT:
<https://californiaagnetwork.com>
<https://americanvineyardmagazine.com/nisei-farmers-league-celebrates-50-years-honors-5-growers/>
<https://https://niseifarmersleague.com/>

Opening Letter	2
Top Ten Crops	3
Billion/Million Dollar Club	4
Total Value for 2021 Crops	5
Growth Over 20 Years	5
2021 Fresno County Exports	6
Honoring the 50th Anniversary of the Nisei Farmers League	7-8
Important Issues to the Nisei Farmers League / Photo Collage	9-10
2021 Field Crops	12-13
2021 Seed Crops	13
2021 Vegetable Crops	14-16
2021 Fruit & Nut Crops	16-20
2021 Nursery Products	20
2021 Livestock & Poultry	21-22
2021 Apiary Products & Pollination	23
2021 Industrial Crops	23
2021 Sustainable Agriculture	24
Honoring One of Our Own AG Legends	25
Thank You To All Who Contributed	Back Cover





COUNTY OF FRESNO

Department of Agriculture

Melissa Cregan

Agricultural Commissioner/

Sealer of Weights & Measures

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fresnoag](https://www.co.fresno.ca.us/fresnoag)

Email:

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The County of Fresno

is an Equal Employment

Opportunity Employer



Karen Ross, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Fresno

Brian Pacheco, Chairman
Steve Brandau Buddy Mendes
Sal Quintero Nathan Magsig
Paul Nerland,
County Administrative Officer

It is my pleasure to submit the 2021 Fresno County Crop and Livestock Report. This report is prepared in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code; and summarizes the acreage, production, and value of agricultural commodities produced in Fresno County. The figures contained herein represent gross returns to the producers and does not reflect actual net profit.

Fresno County's total gross production value for 2021 was \$8,085,567,000. This represents an increase of \$117,167,000 or 1.47% above the previous year's revised total of \$7,968,400,000.

Almonds continue to be the leading agricultural commodity in Fresno County with a gross value of \$1,441,392,000 which represents 17.8% of the total gross value of all crops produced in 2021. The total gross value of grapes remained in the number two spot at \$1,348,592,000, followed by pistachios at \$722,064,000.

Fresno County's agricultural strength is based on the diversity of crops produced. Included in the 2021 report are over 170 different commodities, 76 of which have a gross value in excess of \$1,000,000. Although individual commodities may experience difficulties from year-to-year, Fresno County continues to supply the highest quality of food and fiber nationwide and abroad to more than 96 countries around the world.

Every year we highlight a segment of the agricultural industry of Fresno County. This edition will recognize the 50th anniversary of the Nisei Farmers League. I would like to thank Manuel Cuhna, Cheryl Lehn, Peter Aguayo, and Luis Ramirez from the Nisei Farmers League and Matthew Malcolm from Malcolm Media for their contributions to this year's feature.

This report is our yearly opportunity to recognize the growers, shippers, ranchers, and other businesses instrumental to and supportive of agriculture in Fresno County. I would like to extend my thanks and appreciation to industry for their continuous efforts in providing the vital information that enables the compilation of this report. Thank you to all my staff, especially Angel Gibson, Scotti Walker, Shoua VangXiong, and Amanda Zito; and Gina Barr-Hill with the County of Fresno Internal Services Department for the graphic design. Without their hard work and valuable input, this report would not be possible.

Respectfully submitted,

Melissa Cregan
Agricultural Commissioner/Sealer of Weights and Measures

Top Ten Crops

2021
TOTAL VALUE

2020
RANK

1		Almonds	\$ 1,441,392,000	1
2		Grapes	\$ 1,348,592,000	2
3		Pistachios	\$ 722,064,000	3
4		Poultry*	\$ 537,764,000	4
5		Milk	\$ 484,548,000	5
6		Tomatoes	\$ 419,863,000	8
7		Cattle & Calves	\$ 417,580,000	6
8		Garlic	\$ 286,110,000	7
9		Oranges	\$ 239,517,000	9
10		Peaches	\$ 231,978,000	10

Includes commodity totals reported in the "Other" categories such as organic, by-products, processed etc.

* Includes Turkeys, Chickens, Ducks, Geese, Gamebirds & Eggs



DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES

Billion/Million Dollar Club

B
I
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N



1,441,392,402

Billion
ALMONDS



1,348,592,406

Billion
GRAPES



722,064,000

Million
PISTACHIOS

500+

Million
POULTRY
(including Eggs)

400+

Million
MILK
TOMATOES
CATTLE & CALVES

200+

Million
GARLIC
ORANGES
PEACHES
MANDARINS

150+

Million
NECTARINES
COTTON

100+

Million
APIARY
PRODUCTS &
POLLINATION

PLUMS
ONIONS

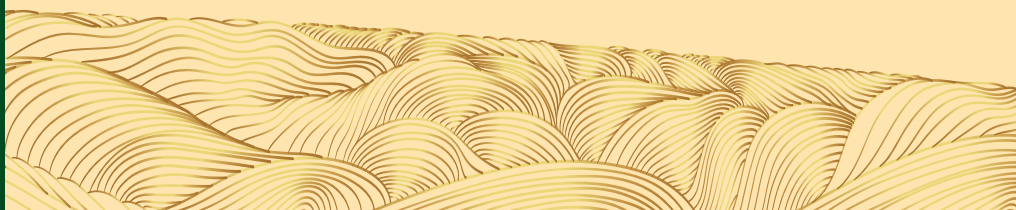
MORE BY THE MILLION

LETTUCE, HEAD	75	GRAPEFRUIT	7
CORN	69	OLIVES	7
CANTALOUPE	64	ASPARAGUS	6
ALFALFA	58	BARLEY	5
OATS	54	SQUASH	5
CHERRIES	54	APPLES	5
NURSERY COMMODITIES	47	FENNEL	5
LEMONS	38	DAIKON	4
LETTUCE, LEAF	37	BOK CHOY	4
BLUEBERRIES	37	PARSLEY	4
WHEAT	37	INDUSTRIAL COMMODITIES, OTHER	4
WALNUTS	33	PLUMS, DRIED (PRUNES)	4
HONEYDEW MELON	29	CARROTS	3
POMEGRANATE	28	CHILI PEPPERS	3
BELL PEPPERS	26	CAULIFLOWER	3
WATERMELON	25	RICE	2
PEARS	23	WINTER FORAGE	2
SHEEP & LAMBS	22	SORGHUM	2
PLUOT AND PLUMCOTS	17	SPINACH	2
MANURE	15	LEMONGRASS	2
MIXED MELONS	15	PEAS	2
RANGELAND	14	IRRIGATED PASTURE	2
PERSIMMONS	14	RADICCHIO	2
BROCCOLI	14	BITTERMELON	2
SWINE	11	FIGS	1
KIWI	10	SINQUA	1
TRITICALE	10	TIMBER	1
EGGPLANT	10	POMELO	1
TANGELO	10	CABBAGE	1
APRICOTS	8		
BEANS	8		

TOP
CROPS
BY THE

M
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4





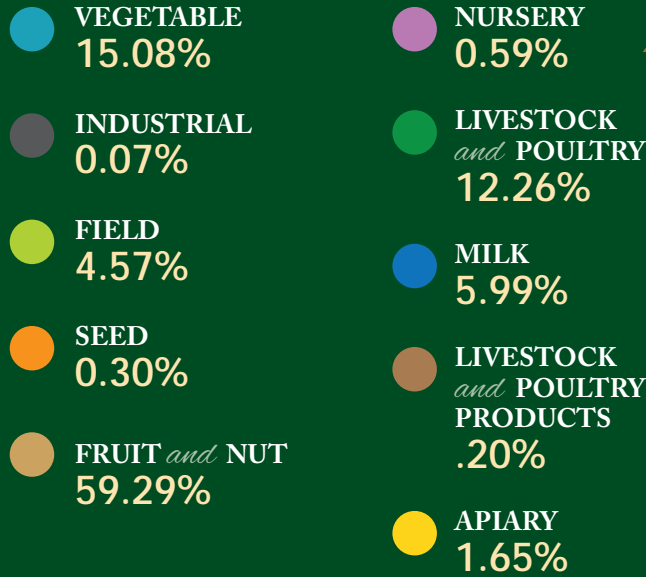
DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES

THE
BIG
REVEAL

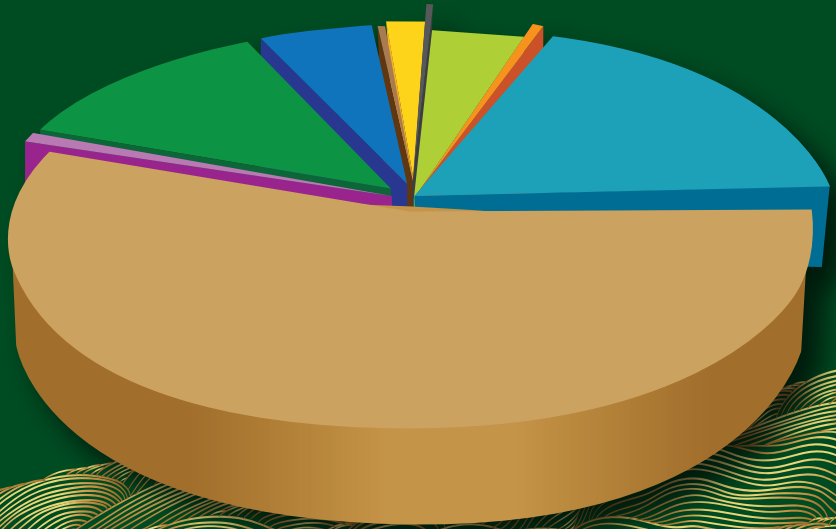
Total Value for 2021

RELATIONSHIP IN TERMS OF TOTAL VALUE

For 2021 Crop Year

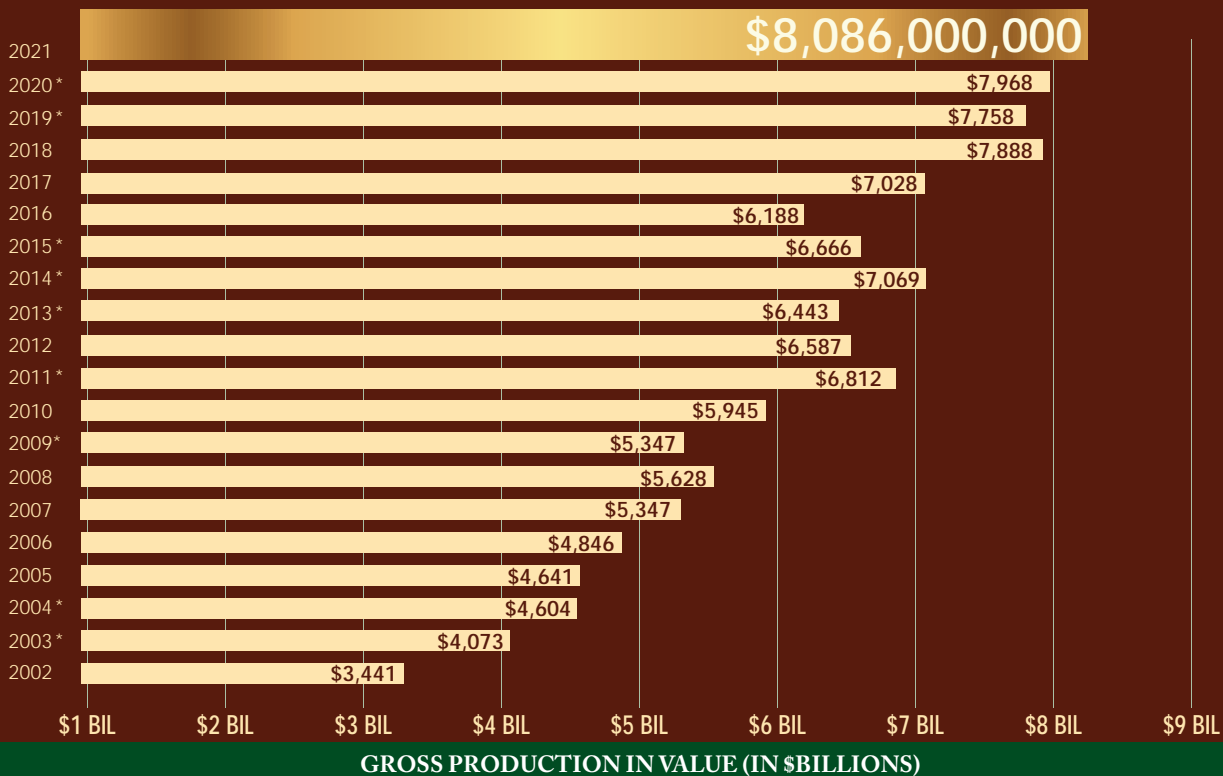


\$8,085,567,000



2002
THROUGH
2021

Growth Over 20 Years FOR FRESNO COUNTY AGRICULTURE



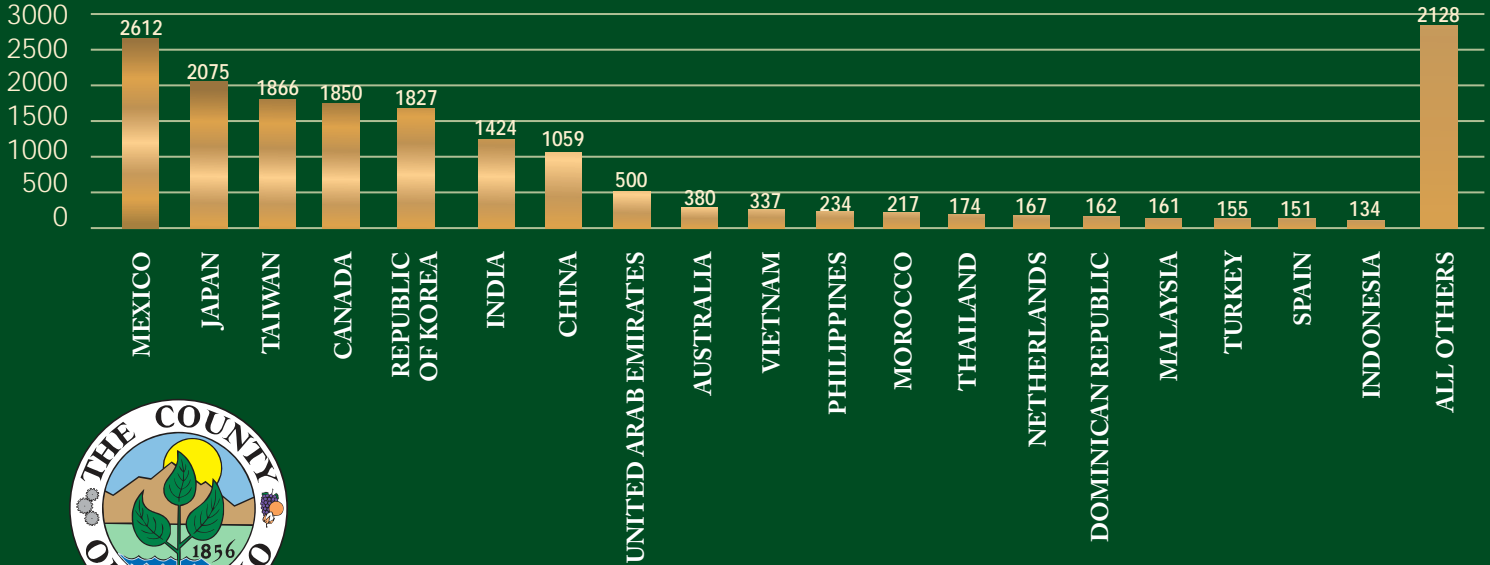
*REVISED



DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES

2021 Fresno County Exports

2021 TOP EXPORT COUNTRIES



IN 2021,
Fresno County
Inspectors issued
a total of
17,613
PHYTOSANITARY
CERTIFICATES
for
89
UNIQUE
COMMODITIES
destined for markets in
96 COUNTRIES
AROUND THE
WORLD.

In addition,
1,403 ACRES
of export seed
fields of alfalfa,
lettuce, onion,
and radish
were inspected
and certified.





Honoring the
50TH ANNIVERSARY
of the
NISEI FARMERS LEAGUE



HARRY KUBO
First President

WE WOULD LIKE TO HONOR THE
NISEI FARMERS LEAGUE ON THEIR...

50th Anniversary Celebration!

In 2021, the Nisei Farmers League (League) celebrated its 50th anniversary. The League was formed in 1971

by a small group of Japanese American growers headed by Mr. Harry Kubo. The word "Nisei" is the term for second generation Japanese Americans which described the founding members of the League. Harry Kubo himself was a "Nisei." They wanted an organization that would represent the interests of small growers and farm workers. Their organization dealt with the unrest resulting from the farm worker unionization efforts of the United Farm Workers in the early 1970's and the ever increasing challenges facing California agriculture. Word quickly spread and more local growers joined that initial group, and the Nisei Farmers League was formed. By joining forces, the League gave a strong, united voice for small growers in the San Joaquin Valley and the entire state. Over time, the League was joined by many diverse members of the agricultural industry throughout California.

Since its induction, the League has made a significant impact on the San Joaquin Valley and throughout California by representing and serving the interest of growers, farm workers, packers, farm labor contractors and food processors. For over 50 years the League has helped to create a strong support network that helps western agricultural interests meet the many challenges faced in today's international marketplace. Their work at the local, state, and federal levels have helped keep their members in compliance and their agricultural workers safer. They help to protect our agricultural land and resources and facilitate agricultural innovation and technology. Members of the League have access to the support of its combined history, knowledge, and strong advocacy. The League not only helps shape California agricultural regulations by advocating commonsense language and application, but they also offer compliance programs that assists members with following existing laws and regulations pertaining to agricultural production, food safety, worker's protections, air quality, and many other requirements.



Honoring the
50TH ANNIVERSARY
of the
NISEI FARMERS LEAGUE



MANUEL CUNHA
President

The League is currently under the direction of Mr. Manuel Cunha, Jr. In 1986, the League formed the Nisei Legalization Center and legalized many of its members' farm workers. The League was one of the only organizations that issued green cards out of their center. Mr. Cunha managed the center from 1987 to 1989. From 1990 to 1995 he became the Vice President and then the President of the

League in 1996 to date. Among many, many other activities during his 32-year tenure, Mr. Cunha administered the receipt of protection and sanitation supplies and distributed these needed supplies to agricultural workers during the COVID-19 pandemic. The League teamed up with the Fresno County Farm Bureau and many Central Valley government agencies and local, rural valley cities to get these supplies into the hard-working hands of our agricultural community. Thank you to the Nisei Farmers League for over 50 years of dedicated service to the Central Valley and California's agricultural industry.

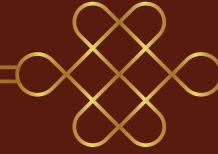
We congratulate the Nisei Farmers League
ON YOUR MANY YEARS OF DEDICATION
and successful work in California and wish
YOU MANY MORE SUCCESSFUL YEARS TO COME!





Growers Looking Out for
Growers and Farm Workers

IMPORTANT ISSUES *to the* NISEI FARMERS LEAGUE



LABOR *and* IMMIGRATION

Complex labor regulations and related workplace issues are a reality of California agriculture today. The NFL staff maintains an up-to-date working knowledge of these issues and assists our members in understanding and staying in compliance with these sometimes daunting regulations and requirements.



AIR QUALITY

The NFL maintains a good relationship with the local air district as well as the State California Resources Board, Cal-EPA and the U.S. Environmental Protection Agency.

For several years the NFL has actively represented grower interests by encouraging them to apply for the Tractor Replacement Program, which is set up by the San Joaquin Valley Air Pollution Control District for growers to apply for newer and much cleaner tractors. The Air District grants are available to replace older equipment and reduce PM2.5 & PM10 in the San Joaquin Valley. In addition, NFL works with the USDA-NRCS Farm Equipment Replacement and Conservation programs.



TRANSPORTATION *and* HEALTH CARE

The NFL works with legislators and agency officials in an effort to achieve realistic regulations regarding workers transportation and health care, keeping these services affordable and practical for our growers, as well as farmworkers and their families. The NFL is also active in legislation that deals with these two important issues.



WATER NEEDS *and* REQUIREMENTS

Nisei Farmers League has been part of many continuing battles for their growers over water storage, water supply, water quality, water regulations and most currently SGMA. The NFL works on local, state and federal legislation that affects the use, management and reliability of water including local water districts, California Department of Fish & Wildlife, U. S. Fish & Wildlife Service, State & Federal EPA.



TRADE *and* INTERSTATE COMMERCE

Nisei Farmers League maintains a good working relationship with the Port of Oakland, as well as several other ports.

In addition, we maintain a good relationship with the local air district as well as the State California Air Resources Board and the Federal EPA who all have regulations regarding the transportation of goods.





NISEI FARMERS
LEAGUE

Growers Looking Out for
Growers and Farm Workers

NISEI FARMERS LEAGUE WELCOMES OPEN MEMBERSHIP FOR
GROWERS • PACKING HOUSE/PROCESSING • FARM LABOR CONTRACTOR
SUPPORTING (BUSINESSES & AG RELATED) • HONORARY

Membership in the Nisei Farmers League is open to all growers
and related entities for an annual membership fee. The membership information,
corresponding dues and services fees are available by appointment.

VISIT US ONLINE AT:
<https://niseifarmersleague.com>



COMPLIANCE

For members, the Nisei Farmers League has a variety of support materials available at a very minimal or no cost such as:

- COMPANY POLICY *and* EMPLOYEE HANDBOOKS
- SAFETY TRAINING (TIPP) PROGRAMS
- POSTER PACKETS *(To meet labor compliance laws)*
- FIRST AID KITS *(Already signed off by a physician)*

And many more items to help keep your business in compliance with the various agencies.

PHOTOS AND INFORMATION FROM THE NISEI FARMERS LEAGUE
<https://niseifarmersleague.com/>

WAGE ORDER COMPLETE CLIPBOARD



SPEED LIMIT SIGNAGE



LAMINATED POSTINGS



AUGER DANGER



HEAT ILLNESS MATERIALS IN ENGLISH AND SPANISH



POSTINGS IN SLEEVES



HELPFUL USAGE TO PREVENT HEAT ILLNESS



NFL 1ST AID KIT



HEAT ILLNESS AVAILABLE IN SPANISH



1ST AID KIT ITEMS



HEAT ILLNESS CLIPBOARDS



SEXUAL HARRASMENT AND DISCRIMINATION FLIP CHART



ADDITIONAL SUPPLIES





WE HONOR
and WISH YOU
 MANY MORE YEARS
of GREAT SUCCESS!



“The ultimate goal of farming is not the growing of the crops, but the cultivation and perfection of human beings.”

MASANOBU FUKUOKA



2021 Crop Highlights

FIELD CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE		
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL	
CORN								
	Silage	2021	25,490	23.54	600,000	ton	\$ 61.00 ^a	\$ 36,600,000
		2020	27,970	19.70	551,000	ton	\$ 52.00 ^a	\$ 28,652,000
COTTON								
	Upland Lint	2021	2,240	1,502.00 ^b	6,730 ^c	bale	\$ 1.55 ^d	\$ 5,257,000
		2020	7,130	2,168.00 ^b	31,000 ^c	bale	\$.65 ^d	\$ 10,156,000
	Seed	2021			2,300	ton	\$ 443.00	\$ 1,019,000
		2020			9,920	ton	\$ 355.00	\$ 3,522,000
	Pima Lint	2021	37,900	1,449.00 ^b	110,000 ^c	bale	\$ 2.20 ^d	\$ 121,968,000
		2020	50,466	1,749.00 ^b	177,000 ^c	bale	\$ 1.12 ^d	\$ 99,913,000
	Seed	2021			38,500	ton	\$ 451.00	\$ 17,364,000
		2020			65,800	ton	\$ 361.00	\$ 23,754,000
COTTON TOTAL^e		2021	40,140					\$ 145,608,000
		2020	57,596					\$ 137,345,000
HAY								
	Alfalfa	2021	26,020	9	234,000	ton	\$ 242.00	\$ 56,628,000
		2020	40,100	6.87	275,000	ton	\$ 209.00	\$ 57,475,000
	Wheat	2021	30,130	2.46	74,100	ton	\$ 200.00	\$ 14,820,000
		2020	22,450	3.89	87,300	ton	\$ 125.00	\$ 10,913,000
	Other^f	2021	102,890	3.1	319,000	ton	\$ 174.00	\$ 55,506,000
		2020	12,690	2.74	34,800	ton	\$ 126.00	\$ 4,385,000



2021 Crop Highlights

FIELD CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL
WHEAT ^g							
Grain	2021	21,570	3.13	67,500	ton	\$ 237.00	\$ 15,998,000
	2020	29,790	2.49	74,200	ton	\$ 217.00	\$ 16,101,000
Silage	2021	10,250	8.07	82,700	ton	\$ 61.00	\$ 5,045,000
	2020	10,720	17.45	187,000	ton	\$ 39.00	\$ 7,293,000
OTHER ^h		2021	881,900				\$ 39,587,000
		2020	880,660				\$ 37,797,000
TOTAL		2021	1,138,400				\$ 369,792,000
		2020	1,082,000				\$ 299,961,000



- a Field price
 - b Pounds of lint per acre
 - c 500 pounds lint per bale
 - d Price per pound, 504 pounds gross weight per bale
 - e Does not include cotton seed for planting
 - f Includes hay from: oats, sudan grass, triticale and winter forage
 - g Includes both organic and conventional
 - h Includes barley (forage/silage), cotton by-products, field stubble, (crops grazed includes acres not included in total field crop acreage), industrial hemp, irrigated pasture, oat (silage), rangeland, rice (grain & bran), rye (silage), sorghum (grain & silage), straw (wheat & barley), triticale (forage), wheatgrass (silage), winter forage.
- ORGANIC:** rice (grain).

2021 Crop Highlights

SEED CROPS










CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL
ALFALFA	2021	1,320	639	843,000	lb	\$ 2.74	\$ 2,310,000
	Certified	2020	2,010	321	645,000	lb	\$ 3.62
VEGETABLE ^a	2021	1,320					\$ 12,330,000
	2020	1,560					\$ 4,417,000
OTHER ^b	2021	1,670					\$ 9,511,000
	2020	3,210					\$ 2,060,000
TOTAL		2021	4,310				\$ 24,151,000
		2020	6,780				\$ 8,812,000

- a Arrgula, bean garbanzo, broccoli, endive, lettuce (head & leaf), mizuna, mustard, onion and radish; **ORGANIC:** bean garbanzo, kale, mizuna, mustard
- b Alfalfa non-certified, cotton certified, triticale and wheat certified; **ORGANIC:** barley

2021 Crop Highlights

VEGETABLE CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE		
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL	
 ASPARAGUS	2021	620	2.69	1,670	ton	\$ 3,213.00	\$ 5,366,000	
	2020	490	2.33	1,140	ton	\$ 3,789.00	\$ 4,319,000	
 CORN, SWEET	2021	6,480	7.41	48,000	ton	\$ 691.00	\$ 33,168,000	
	2020	6,260	9.58	60,000	ton	\$ 688.00	\$ 41,280,000	
 EGGPLANT ^a	2021	830	12.65	10,500	ton	\$ 983.00	\$ 10,322,000	
	2020	830	18.07	15,000	ton	\$ 1,316.00	\$ 19,740,000	
 GARLIC	Fresh/Processed	2021	22,610	8.27	187,000	ton	\$ 1,530.00	\$ 286,110,000
		2020	24,660	7.20	178,000	ton	\$ 2,227.00	\$ 396,406,000
 HEAD LETTUCE	Naked			7,690	ton			
	Wrapped			37,500	ton			
	Bulk			4,800	ton			
	SPRING SEASON TOTAL	2021	2,300	21.85	50,300	ton	\$ 406.00	\$ 20,422,000
	2020	2,800	16.89	47,300	ton	\$ 432.00	\$ 20,434,000	
	Naked			5,700	ton			
	Wrapped			32,300	ton			
	Bulk			17,200	ton			
 FALL SEASON TOTAL	2021	2,370	23.29	55,200	ton	\$ 889.00	\$ 49,073,000	
	2020	3,230	19.54	63,100	ton	\$ 715.00	\$ 45,117,000	
HEAD LETTUCE TOTALS	2021	4,670		106,000			\$ 69,495,000	
	2020	6,030		110,400			\$ 65,551,000	
 LETTUCE LEAF ^{b,c}	2021	4,083	10.00	40,800	ton	\$ 801.00	\$ 32,681,000	
	2020	3,880	11.88	46,100	ton	\$ 1,306.00	\$ 60,207,000	



2021 Crop Highlights

VEGETABLE CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL

MELONS



Conventional & Organic

Cantaloupe ^d	2021	9,640	14.73	142,000	ton	\$ 430.00	\$ 61,060,000
	2020	9,330	17.26	161,000	ton	\$ 477.00	\$ 76,797,000
Honeydew ^{c,d}	2021	3,440	17.91	61,600	ton	\$ 478.00	\$ 29,445,000
	2020	5,910	17.09	101,000	ton	\$ 475.00	\$ 47,975,000
Mixed Melons ^c	2021	2,000	12.95	25,900	ton	\$ 586.00	\$ 15,177,000
	2020	2,690	13.18	35,500	ton	\$ 595.00	\$ 21,123,000
Watermelon ^c	2021	3,440	23.92	82,300	ton	\$ 306.00	\$ 25,184,000
	2020	2,770	24.98	69,200	ton	\$ 499.00	\$ 34,531,000
Melon Total	2021	18,520					\$ 130,866,000
	2020	20,700					\$ 180,426,000



ONIONS^c

Fresh/Processed	2021	15,620	17.54	274,000	ton	\$ 412.00	\$ 112,888,000
	2020	16,660	19.00	317,000	ton	\$ 437.00	\$ 138,529,000



ORIENTAL VEGETABLES^e

2021	1,380		15,250	ton	\$ 24,047,000
2020	1,415		22,100	ton	\$ 35,382,000



PEPPER, BELL^d

2021	1,820	15.84	28,800	ton	\$ 919.00	\$ 26,467,000
2020	1,300	18.82	24,500	ton	\$ 765.00	\$ 18,743,000



SQUASH^f

2021	1,100	7.88	8,670	ton	\$ 660.00	\$ 5,722,000
2020	1,050	12.95	13,600	ton	\$ 885.00	\$ 12,036,000



TOMATOES^c


Processed	2021	62,700	45.92	2,879,000	ton	\$ 91.00	\$ 261,989,000
	2020	72,400	52.50	3,801,000	ton	\$ 75.00	\$ 285,075,000



2021 Crop Highlights

VEGETABLE CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		VALUE		
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL
 OTHER ^g	2021	15,910				\$	219,999,000
	2020	21,120*				\$	160,945,000 *
TOTAL	2021	156,343				\$	1,219,120,000
	2020	176,795				\$	1,418,639,000

a Includes assorted varieties

b Includes Red, Green, Butter, and Romaine varieties

c Includes organic and conventional

d Includes fresh and processed

e Includes a choy, amaranth, bitter melon (fruit and leaf), bok choy, chayote (fruit and leaf), daikon, doan qua, gai choy, gailon, ginger (root & leaf), lambsquarter, lemon grass, lo bok, malabar, mizuna, methi, moqua, mora, moringa (fruit and leaf), nagaimo, napa cabbage, ong choy, opo, saluyote, sinqua, sour leaf, sugar cane, taro (root and leaf), tatsoi, tong ho, yam (root and leaves), yu choy

f Includes summer and winter varieties






g Includes arugula, basil, beans (shell & snap), beets, broccoli, brussel sprout, cabbage, carrot, casava (root & leaf), cauliflower, celery, chive, cilantro, collards, cucumber, culantro, curry leaf, dandelion green, dill, fennel, gourds, jicama, kale, kohlrabi, lavender, leeks, mint, mushroom, mustard (fresh and leaf), nettle, okra, green onion, oregano, parsley, peanut, peas (pod & leaf), chili pepper, potato, pumpkin (squash and leaf), purslane, radicchio, rapini, rosemary, sage, savory, shallot, spinach, sunchoke, swiss chard, tarragon, thyme, tinda, tindora, tomato (standard and cherry), tomatillo, tumeric, turnip, watercress; **ORGANIC:** asparagus, cantaloupe, eggplant, leaf lettuce

* REVISED

2021 Crop Highlights

FRUIT AND NUT CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		VALUE		
			ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL
 ALMONDS ^a	2021	286,351	1.27	364,000	ton	\$3,736.00	\$ 1,359,904,000
	2020	274,673	1.24	341,000	ton	\$3,512.00	\$ 1,197,592,000
 ALMOND HULLS	2021			598,000	ton	\$ 130.00	\$ 77,740,000
	2020			563,000	ton	\$ 93.00	\$ 52,359,000
ALMOND TOTAL	2021						\$1,437,644,000
	2020						\$1,249,951,000
 APRICOTS	2021	1,315	5.49	7,220	ton	\$1,168.00	\$ 8,433,000
	2020	1,409	4.83	6,810	ton	\$1,731.00	\$ 11,788,000
 BLUEBERRIES ^a	2021	1,587	4.00	6,348	ton	\$5,803.00	\$ 36,837,000
	2020	1,299	3.52	4,570	ton	\$6,363.00	\$ 29,079,000
 CHERRIES ^a	2021	4,461	3.29	14,700	ton	\$3,689.00	\$ 54,228,000
	2020	4,756	2.04	9,700	ton	\$4,234.00	\$ 41,070,000

2021 Crop Highlights

FRUIT AND NUT CROPS






CROP	YEAR	PRODUCTION				VALUE	
		HARVESTED ACREAGE	ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL
CITRUS							
LEMONS							
Fresh	2021	4,873	11.88	57,900	ton	\$ 646.00	\$ 37,403,000
	2020	3,915	20.51	80,300	ton	\$ 990.00	\$ 79,497,000
ORANGES							
NAVEL ^a	2021	28,020	16.08				
	2020	27,947	17.02				
Fresh	2021			368,000	ton	\$ 539.00	\$ 198,352,000
	2020			421,000	ton	\$ 667.00	\$ 280,807,000
Processed	2021			81,900	ton	\$ 88.00	\$ 7,207,000
	2020			54,300	ton	\$ 34.00	\$ 1,846,000
VALENCIA ^a	2021	2,314	11.99				
	2020	2,507	10.82				
Fresh	2021			43,900	ton	\$ 731.00	\$ 32,091,000
	2020			32,000	ton	\$ 643.00	\$ 20,576,000
Processed	2021			11,000	ton	\$ 80.00	\$ 880,000
	2020			21,700	ton	\$ 91.00	\$ 1,975,000
ORANGE TOTAL	2021	30,334					\$ 238,530,000
	2020	30,454					\$ 305,204,000
MANDARIN/ TANGERINE ^a							
	2021	24,120	13.32	321,000	ton	\$ 691.00	\$ 221,811,000
	2020	24,110	14.57	351,000	ton	\$ 748.00	\$ 262,548,000
CITRUS, OTHER ^b							
Fresh	2021	2,068	16.13	33,400	ton	\$ 611.00	\$ 20,407,000
	2020	1,770	19.56	34,600	ton	\$ 433.00	\$ 14,982,000
CITRUS TOTAL	2021	61,395					\$ 518,151,000
	2020	60,249					\$ 662,231,000



2020 Crop Highlights

FRUIT AND NUT CROPS



CROP	YEAR	HARVESTED ACREAGE	ACRE	PRODUCTION		VALUE		
				TOTAL	PER UNIT	PER UNIT	TOTAL	
GRAPES								
	RAISIN	2021	85,299	10.66				
	VARIETIES^a	2020	90,782	8.96				
	Canned	2021			1,350	ton	\$ 604.00	\$ 815,000
		2020			-	ton	\$ -	\$ -
	Crushed	2021			97,400	ton	\$ 292.00	\$ 28,441,000
		2020			69,000	ton	\$ 259.00	\$ 17,871,000*
	Dried	2021			169,000 ^c	ton	\$ 2,200.00	\$ 371,800,000
		2020			157,000 ^c	ton	\$ 1,304.00	\$ 204,728,000
	Fresh	2021			16,400	ton	\$ 2,000.00	\$ 32,800,000
		2020			4,220	ton	\$ 1,575.00	\$ 6,647,000
	TABLE	2021	31,771	10.25				
	VARIETIES^a	2020	32,573*	11.04*				
	Crushed	2021			6,638	ton	\$ 212.00	\$ 1,407,000
		2020			12,600	ton	\$ 172.00	\$ 2,167,000
	Fresh	2021			319,000	ton	\$ 2,071.00	\$ 660,649,000
		2020			347,000	ton	\$ 1,575.00	\$ 546,525,000
	WINE	2021	55,510	12.83				
	VARIETIES^a	2020	56,853	12.13				
	Crushed	2021			710,000	ton	\$ 333.00	\$ 236,430,000
		2020			653,000	ton	\$ 314.00	\$ 205,042,000
	Juice	2021			2,420	ton	\$ 1,306.00	\$ 3,161,000
		2020			36,600	ton	\$ 1,225.00	\$ 44,835,000
GRAPE TOTAL	2021	172,580					\$ 1,335,503,000	
	2020	180,208*					\$ 1,030,191,000*	



2020 Crop Highlights

FRUIT AND NUT CROPS






CROP	YEAR	PRODUCTION			VALUE			
		HARVESTED ACREAGE	ACRE	TOTAL	PER UNIT	PER UNIT	TOTAL	
 NECTARINES ^a	2021	10,865	9.30	101,000	ton	\$1,489.00	\$ 150,389,000	
	2020	10,481	9.54	100,000	ton	\$1,579.00	\$ 157,900,000	
 PEACHES ^a	Cling (processed)	2021	1,966	15.52	30,500	ton	\$ 522.00	\$ 15,921,000
		2020	1,868	15.69	29,300	ton	\$ 476.00	\$ 13,947,000
	Freestone (fresh)	2021	16,070	9.39	151,000	ton	\$1,380.00	\$ 208,380,000
		2020	15,557	10.42	162,000	ton	\$1,488.00	\$ 241,056,000
PEACHES TOTAL	2021	18,036					\$ 224,301,000	
	2020	17,425					\$ 255,003,000	
 PEARS, ALL ^a	2021	747	17.54	13,100	ton	\$1,795.00	\$ 23,515,000	
	2020	751	16.81*	12,600	ton	\$2,303.00*	\$ 29,018,000*	
 PERSIMMONS ^a	2021	1,057	7.73	8,170	ton	\$1,738.00	\$ 14,199,000	
	2020	1,047	9.74	10,200	ton	\$1,571.00	\$ 16,024,000	
 PISTACHIOS	2021	132,488	1.48	196,000	ton	\$3,684.00	\$ 722,064,000	
	2020	123,007	1.43	176,000	ton	\$4,027.00	\$ 708,752,000	
 PLUMS ^a	2021	10,367	7.70	79,800	ton	\$ 1,537.00	\$ 122,653,000	
	2020	10,194	8.21	83,700	ton	\$ 1,890.00	\$ 158,193,000	
 PLUMS, DRIED	2021	1,353	1.53	2,070	ton	\$1,962.00	\$ 4,061,000	
	2020	1,353	1.35	1,830	ton	\$1,798.00	\$ 3,290,000	
 PLUOTS ^d	2021	1,122	5.83	6,541	ton	\$2,381.00	\$ 15,572,000	
	2020	1,256	8.16	10,300	ton	\$1,622.00	\$ 16,707,000	



2021 Crop Highlights

FRUIT AND NUT CROPS



CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		PER UNIT	VALUE	
			ACRE	TOTAL		PER UNIT	TOTAL
 POMEGRANATES ^a	2021	4,432	7.27	32,200	ton	\$ 848.00	\$ 27,306,000
	2020	4,420	12.15	53,700	ton	\$ 885.00	\$ 47,525,000
 WALNUTS ^a	2021	10,974	1.81	19,900		\$1,637.00	\$ 32,576,000
	2020	10,829	1.84	19,900		\$1,338.00	\$ 26,626,000
 OTHER ^d	2021	8,440					\$ 66,417,000
	2020	14,150 *					\$ 120,777,000 *
TOTAL	2021	727,570					\$ 4,793,849,000
	2020	717,257 *					\$ 4,561,749,000 *

a Additional acreage that is included in other fruit and nut crops: 20 acres grape raisin variety (juice), 200 acres peaches freestone (processed), 23 acres plums (processed); **ORGANIC**: 236 acres almonds, 38 acres blueberries, 2 acres cherries, 1,878 raisin grapes (dried), 92 acres table grapes (fresh), 4 acres wine grapes (fresh), 90 acres wine grapes (crushed), 146 acres mandarins (fresh), 333 acres nectarines, 94 acres navel oranges (fresh), 10 acres valencia oranges (fresh), 339 acres peaches freestone (fresh), 86 acres peaches cling (processed), 77 acres plums (fresh), 175 acres pomegranates 256 acres walnuts

b Includes citron, lime, grapefruit, pomelo and tangelo

c Tonage is reported as dried tons

d Includes almonds (shells, inedibles), apples (fresh, processed), avocdos, blackberries, boysenberries, figs, grape raisin variety (juice), grape (by products), guava, jujubes, kiwi, lemons, (processed), mandarins (processed), mulberry, olives, peaches (freestone-processed), pecans, plums (processed), quince and strawberries; **ORGANIC**: almonds, blueberries, cherries, grape raisin (dried), grape table (fresh), grape wine (fresh & crushed), mandarins, nectarines, olives, peaches freestone (fresh, processed), peaches cling (processed), plums, pomegranates, walnuts

* REVISED

2021 Crop Highlights

NURSERY PRODUCTS



CROP	PER YEAR	QUANTITY	UNIT	VALUE
 HERBACEOUS ORNAMENTALS ^a	2021	1,244,000	b	\$ 6,324,000
	2020	1,229,000	b	\$ 7,088,000
 ORNAMENTAL TREES AND SHRUBS	2021	222,000	plants	\$ 3,967,000
	2020	923,000	plants	\$ 8,363,000
 OTHER ^c	2021	294,236,000	units	\$ 37,650,000
	2020	344,162,000	units	\$ 23,750,000
TOTAL	2021			\$ 47,941,000
	2020			\$ 39,201,000

a Includes aquatic plants, potted plants, bedding plants, decorative plants, flats, annuals, succulents, perennials and grasses

b Includes flats, dozens, cans, seedlings and single plants and trees

c Includes bareroot fruit trees, Christmas trees, citrus (budwood and trees), grape (rootings and cuttings), trees-restoration stock (seedlings), turf (in square feet), and vegetable transplants



2021 Crop Highlights

LIVESTOCK AND POULTRY



ITEM	YEAR	PRODUCTION			VALUE	
		NO. OF HEAD	TOTAL LIVEWIGHT	UNIT	PER UNIT	TOTAL

CATTLE AND CALVES

BEEF

Breeding Stock

Common	2021	1,300		head	\$ 1,447.00	\$ 1,881,000
	2020	1,270		head	\$ 1,927.00	\$ 2,447,000

Registered	2021	330		head	\$ 5,326.00	\$ 1,758,000
	2020	320		head	\$ 5,269.00	\$ 1,686,000

Feeders	2021	28,900	178,000	cwt	\$ 122.00	\$ 21,716,000
	2020	28,200	163,000	cwt	\$ 125.00	\$ 20,375,000

Calves	2021	28,900	86,600	cwt	\$ 156.94	\$ 13,591,000
	2020	28,200	84,500	cwt	\$ 163.07	\$ 13,779,000

Slaughter Stock

	2021	276,000	1,484,000 ^a	cwt	\$ 125.85	\$ 186,761,000
	2020	340,000	1,629,000 ^a	cwt	\$ 119.33	\$ 194,389,000

DAIRY

Breeding Stock

	2021	99,600		head	\$ 1,193.00	\$ 118,823,000
	2020	99,800		head	\$ 1,295.00	\$ 129,241,000

Feeders	2021	51,100	297,000	cwt	\$ 70.43	\$ 20,918,000
	2020	51,500	317,000	cwt	\$ 70.43	\$ 22,326,000

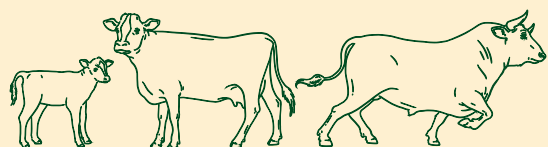
Calves	2021	55,400	166,000	cwt	\$ 170.00	\$ 28,220,000
	2020	55,700	167,000	cwt	\$ 62.10	\$ 10,371,000

Cull Stock	2021	29,600	384,000	cwt	\$ 62.27	\$ 23,912,000
	2020	29,800	387,000	cwt	\$ 59.27	\$ 22,937,000

CATTLE AND CALVES

TOTAL


2021	\$ 417,580,000
2020	\$ 417,551,000



2021 Crop Highlights

LIVESTOCK AND POULTRY



ITEM	YEAR	PRODUCTION		UNIT	VALUE		
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL	
HOGS AND PIGS							
	Market Pigs & Slaughter Stock	2021	41,200	103,000	cwt	\$ 115.89	\$ 11,937,000
		2020	43,595	109,000	cwt	\$ 100.44	\$ 10,948,000
SHEEP AND LAMBS							
	Slaughter Stock						
	Lambs	2021	69,200	88,500	cwt	\$ 237.00	\$ 20,975,000
		2020	71,000	91,000	cwt	\$ 190.00	\$ 17,290,000
	Sheep	2021	8,100	13,000	cwt	\$ 140.00	\$ 1,820,000
		2020	8,320	13,300	cwt	\$ 100.00	\$ 1,330,000
	POULTRY AND MISC. OTHER^b		2021				
		2020					\$ 574,899,000
TOTAL		2021					\$ 990,996,000
		2020					\$ 1,022,018,000



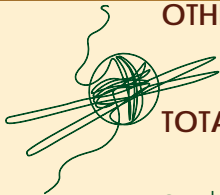
a Net gain

b Includes chickens, ducks, fish, gamebirds (pigeon and quail); geese, goats, insects (beneficial); and turkeys

2021 Crop Highlights

LIVESTOCK AND POULTRY PRODUCTS



CROP	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
	MANURE^a	2021	1,848,000	ton	8.34	\$ 15,412,000
		2020	1,905,000	ton	4.30	\$ 8,192,000
	MILK^b	2021	24,951,000	cwt	19.42	\$ 484,548,000
		2020	24,541,000	cwt	18.93	\$ 464,561,000
	OTHER^c	2021				\$ 568,000
		2020				\$ 519,000
TOTAL		2021				\$ 500,528,000
		2020				\$ 473,272,000

a Includes cows, chicken, turkey and duck manure

b Includes cow milk (conventional and organic) and goat milk

c Includes commercial chicken eggs, and wool

2021 Crop Highlights

APIARY PRODUCTS AND POLLINATION SERVICES





ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE		
				PER UNIT	TOTAL	
APIARY PRODUCTS						
	Honey	2021	5,192,000	lb	\$ 3.66	\$ 19,003,000
		2020	7,129,000	lb	\$ 2.33	\$ 16,611,000
	Beeswax	2021	410,000	lb	\$ 4.05	\$ 1,661,000
		2020	457,000	lb	\$ 3.50	\$ 1,600,000
POLLINATION ^a						
	Seed ^b	2021				\$ 282,000
		2020				\$ 1,176,000
	Trees, Fruit and Nut ^c	2021				\$ 111,043,000
		2020				\$ 119,612,000
	Melon ^d	2021				\$ 1,393,000
		2020				\$ 2,268,000
	Vegetable ^e	2021				\$ 203,000
		2020				\$ 238,000
TOTAL	2021					\$ 133,585,000
	2020					\$ 141,505,000

- a Reflects value of pollination by all bee colonies located in Fresno County for pollination services during 2021
- b Alfalfa, lettuce, onion, kale and miscellaneous vegetable crops
- c Almond, apple, blackberry, blueberry, cherry, kiwifruit, pear, plum, pluot, pomegranate and prune
- d Cantaloupe, honeydew, watermelons and mixed melons
- e Bell pepper, coriander (cilantro), cucumber, chili pepper, pumpkin, and squash

2021 Crop Highlights

INDUSTRIAL CROPS



CROP	YEAR	PRODUCTION	UNIT	VALUE	
	TIMBER ^a	2021	30,532,000	board feet	\$ 1,219,000
		2020	45,732,000	board feet	\$ 2,092,000
	OTHER ^b	2021			\$ 4,386,000
		2020			\$ 1,151,000
TOTAL	2021				\$ 5,605,000
	2020				\$ 3,243,000

- a Includes government and non-government properties
- b Includes compost, ground cover, mulch, pomace, wood fines and Christmas trees





2021 BIOLOGICAL CONTROL ACTIVITIES

PEST	B.C. AGENT/MECHANISM	ACTIVITY
Glassy-winged sharpshooter, <i>Homalodisca vitripennis</i>	- <i>Cosmocomoidea ashmeadi</i> - <i>Cosmocomoidea morgani</i> - <i>Cosmocomoidea morilli</i> - <i>Ufens</i> spp.	CDFA released parasitoids species and monitored for evidence of GWSS egg parasitism

2021 DETECTION ACTIVITIES

INSECT	TRAPS DEPLOYED	RESULTS
European Grapevine Moth, <i>Lobesia botrana</i>	2,456	None captured
Glassy-winged sharpshooter, <i>Homalodisca vitripennis</i>	3,092	Multiple residential/commercial captures (properties treated)
Asian citrus psyllid, <i>Diaphorina citri</i>	3,027	None captured
Light brown apple moth, <i>Epiphyas postvittana</i>	696	None captured
Mediterranean fruit fly, <i>Ceratitis capitata</i>	708	None captured
Spongy moth (formerly known as Gypsy Moth) <i>Lymantria dispar</i>	455	None captured
Oriental fruit fly, <i>Bactrocera dorsalis</i>	708	None captured
Melon fruit fly, <i>Bactrocera cucurbitae</i>	364	None captured
Japanese beetle, <i>Popillia japonica</i>	355	None captured
Apple maggot, <i>Rhagoletis pomonella</i>	48	None captured
Western cherry fruit fly, <i>Rhagoletis indifferens</i>	78	None captured
Red Imported fire ant <i>Solenopsis invicta</i>	3,498	None captured

2021 BIOLOGICAL CONTROL ACTIVITIES

PEST	ACTIVITY	RESULTS
Glassy-winged sharpshooter	4,025 - Bulk Citrus Inspections	0 - Finds in bulk citrus

2021 PEST ERADICATION / MANAGEMENT ACTIVITIES

ERADICATION

Pink Bollworm
24,579 cotton acres
0 Plowdown non-compliance

MANAGEMENT

Glassy-winged sharpshooter
2,987 properties treated





DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES

LET YOUR DREAMS

Soar!



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Honoring one of our own AG legends!

ON SEPTEMBER 2, 2022

AFTER A WHOPPING 34 GLORIOUS YEARS...

*We at the Fresno County Department of Agriculture
said a sad retirement farewell to our lovely Crop Report Maven,*

MISS SCOTTI WALKER!



SCOTTI'S BELOVED COWS!

Scotti Walker started her career with the Department in early 1986 in the Business Services department as an Account Clerk while still attending college. She earned her associate degree in animal science and her bachelor's degree in agriculture business from California State University, Fresno during this time. In 1987, she left the department to work for a poultry producer. In 1990, she returned as an inspector in our Fruit and Vegetable Standards and Statistics division (F&V). Scotti was able to stay in the F&V division her entire career and worked her way up to division supervisor in 2003. The F&V division houses our various Standards inspection programs such as head lettuce, cantaloupes and other melons, grapes, and citrus maturity. Direct Marketing is another program Scotti supervised. Direct Marketing encompasses not only Fresno County's Certified Farmers Markets but the Certified Producers who grow the agricultural products sold at them. Scotti was great at using her resources and staff to track down the proper names of the astounding variety of specialty vegetables grown in Fresno County. She was also known for finding and sharing recipes and news stories featuring many of them! Our F&V division staff also does the hard work of compiling this Annual Crop and Livestock Report, but for many years, Scotti did the entire crop report by herself, BY HAND! As the years ticked by, she was dragged kicking and screaming along behind advancements in software and technology to begin doing the crop report in Microsoft Word and was eventually cajoled into using Microsoft Excel. Scotti was there for every change that turned this report into what you are reading today.

Scotti brought her unique charm to the F&V division and filled it with her sunny personality and raucous laughter. She is always laughing and friendly to everyone. It is very quiet around here now that she is not around. She brings joy and energy everywhere she goes. Scotti treated everyone like family, and she made the division feel like home. She is very patient and kind which made her a great trainer to new staff. She made everyone her friend and she never forgot anyone she worked with during her lengthy career. She is generous beyond measure and wouldn't hesitate to give you her last dollar if you needed it. Scotti is a big animal lover and always kept treats on hand for our detection dogs and spoils her own pets silly. She also raises beef cattle in her personal time. We sure will miss the cute photos of her new calves.

Scotti, we dedicate your last crop report to you and say a big THANK YOU for all of your hard work, kindness, laughter, and love you brought to this department. We send you off into retirement with the warmest wishes for lazy days full of fun, good health, many pets for furry friends, happy livestock, and the close company of your family in the foothill community you now call home.

We love and miss you, Scotti!

HAPPY RETIREMENT!





DEPARTMENT OF AGRICULTURE
and
WEIGHTS AND MEASURES

We at the
FRESNO COUNTY DEPARTMENT
OF AGRICULTURE
want to extend a big, heartfelt

*Thank
You!*

*To you and all of our growers,
associated industries, and
especially to those that responded
to our Crop Report survey.*

THE 2021 CROP REPORT
WOULD NOT BE POSSIBLE
WITHOUT ALL OF YOUR
HARD WORK

and

THE DATA
YOU KINDLY SHARE.

We Thank You Again!



VALLEY FARMERS *are* GOLDEN