

Santa Barbara County
Agricultural Production Report

2000

April 2001

The Honorable Board of Supervisors
Santa Barbara County
and
William J. Lyons, Jr., Secretary
California Department of Food and Agriculture

I am pleased to submit the 2000 Santa Barbara County Agricultural Production Report. This annual report presents statistical information on the acreage, yield and value of Santa Barbara County agricultural products.

Agriculture continues to be the County's major producing industry. The 2000 gross production was valued at \$735,003,901. This is a \$78 million increase in gross value when compared with the 1999 figures.

Santa Barbara County's diversified agriculture continues to provide a strong base for our local economy. Through the multiplier effect it has a local impact in excess of \$1.5 billion dollars.

It must be emphasized that the values in this report are gross values and in no way reflect net income. All of the various costs of production must be subtracted to determine the net income.

I wish to express my appreciation for the cooperation of all the growers, organizations and individuals who provided the information necessary for this report and special thanks to the members of my staff who worked so hard at compiling it.

Respectfully submitted,

William D. Gillette
Agricultural Commissioner

The cover . . .

. . . depicts the mechanical harvesting of wine grapes in Santa Barbara County. With over 20,000 planted acres and more than 14,000 producing acres, revenues exceeded \$90 million making wine grapes the second ranked crop in 2000 for Santa Barbara County.

The artwork for the cover of this year's report was drawn by local artist Nat Fast.

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April 16, 2001

NEWS RELEASE

The Santa Barbara County Agricultural Commissioner's Office announces the release of the 2000 Agricultural Production Report. This report documents the acreage, yield and gross dollar value of agricultural commodities produced in Santa Barbara County. **It must be emphasized that the values in this report represent gross values and that production, transportation and marketing costs must be subtracted to determine the net returns to growers.**

Agriculture continues to be the County's major producing industry with a gross production value in 2000 of \$735,003,901, an increase of more than \$78 million when compared with 1999. Higher vegetable crop values and increased wine grapes yields accounted for much of this increase. Since Santa Barbara County's agriculture is so diverse, its contribution to the local economy has remained stable in comparison to other industries. Agriculture continues to provide a strong base for our local economy, and through the multiplier effect, has a total contribution of well over 1.5 billion dollars.

Broccoli was the County's leading crop in 2000, grossing \$98.6 million. Wine grape production placed second in Santa Barbara County with a value of \$90 million. Strawberries, valued at \$75.5 million, lost the leading crop status and dropped to the third ranked crop. Head lettuce, with gross receipts of \$64.8 million, and the \$40.1 million cauliflower crop completes the list of the top five commodities produced in 2000.

Santa Barbara County is California's 15th ranked county in total agricultural production. The success of Santa Barbara County's agriculture is in the diversity of the crops grown here. Sixty-four different crops produced in 2000 reported gross receipts over \$1 million.

Copies of the Santa Barbara County Agricultural Production Report may be obtained at no charge at any of the Agricultural Commissioner's offices.

For more information contact Curtis Sayer at 681-5600 or 934-6200.

	Year	Production			Unit	Value		
		Harvested Acreage	Per Acre	Total		Unit Wt.	Per Unit	Total
Asparagus	2000	864	100.33	86,685	CTN	15#	\$24.52	\$2,125,516
	1999	940	135.76	127,614	CTN	15#	\$27.61	\$3,523,423
Bell Pepper	2000	500	830.05	415,025	CTN	25#	6.16	2,556,554
	1999	1,204	746.32	898,569	CTN	25#	5.57	5,005,029
Broccoli Total	2000	26,150	620.99	16,238,889	CTN	22#	6.07	98,570,056
	1999	25,678	630.99	16,202,561	CTN	22#	4.61	74,758,626
Cabbage	2000	1,429	930.28	1,329,370	CTN	50#	5.36	7,125,423
	1999	1,607	670.55	1,077,574	CTN	50#	4.71	5,075,374
Cauliflower	2000	9,015	678.48	6,116,497	CTN	25#	6.56	40,124,220
	1999	10,529	689.56	7,260,377	CTN	25#	5.66	41,093,734
Celery	2000	3,425	1,228.16	4,206,448	CTN	60#	8.97	37,731,839
	1999	3,920	1,077.93	4,225,486	CTN	60#	6.65	28,099,482
Lettuce, Head	2000	13,459	628.32	8,456,559	CTN	50#	7.67	64,861,808
	1999	13,064	600.18	7,840,752	CTN	50#	5.25	41,163,948
Lettuce, Leaf	2000	1,931	787.33	1,520,334	CTN	30#	6.70	10,186,238
	1999	2,463	714.93	1,760,873	CTN	30#	5.37	9,455,888
Peas, Edible Pod	2000	1,773	501.76	889,621	CTN	10#	8.10	7,205,930
	1999	1,561	527.00	822,647	CTN	10#	7.80	6,416,647
Spinach	2000	920	772.88	711,050	CTN	20#	6.18	4,394,289
	1999	1,164	700.38	815,242	CTN	20#	5.37	4,377,850
Squash, Summer	2000	1,446	603.23	872,271	CTN	26#	4.87	4,247,960
	1999	1,139	812.32	925,233	CTN	26#	5.49	5,079,529
Miscellaneous	2000	10,233						49,540,741
	1999	10,742						41,080,531
Total	2000	71,145						\$328,670,574
	1999	74,011						\$265,130,061

	Year	Harvested Acreage	Production		Unit	Value	
			Per Acre	Total		Per Unit	Total
Beans							
Lima	2000	4,425	16.09	71,198	CWT	\$60.72	\$4,323,143
	1999	4,050	12.46	50,463	CWT	\$53.54	\$2,701,789
Miscellaneous	2000	454					440,370
	1999	466					438,755
Alfalfa	2000	1,392	7.36	10,245	TON	100.71	1,031,774
	1999	1,466	6.68	9,793	TON	100.26	981,846
Hay, Grain	2000	3,712	2.25	8,352	TON	83.47	697,141
	1999	4,491	2.69	12,081	TON	82.22	993,300
Pasture							
Irrigated	2000	5,500				120.00	660,000
	1999	5,725				120.00	687,000
Non-irrigated*	2000	589,640				7.50	4,422,300
	1999	597,139				7.35	4,388,972
Silage	2000	751	13.88	10,424	TON	20.33	211,920
	1999	676	19.22	12,993	TON	20.49	266,227
Small Grains	2000	3,304	25.32	83,657	CWT	4.48	374,783
	1999	3,208	19.64	63,005	CWT	4.46	281,002
Total	2000	609,178					\$12,161,431
	1999	617,221					\$10,738,891

*Grazing land as reported by Farmland Mapping & Monitoring Program (Excludes Federal grazing allotments).

	Year	Production			Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Avocados	2000	8,116	1.17	9,496	TON	\$2,300.97	\$21,850,011
	1999	8,290	2.02	16,746	TON	\$2,550.72	\$42,714,357
Grape, Wine	2000	14,002	4.34	60,769	TON	1,481.73	90,043,250
	1999	14,064	2.99	42,051	TON	1,429.64	60,117,792
Lemon	2000	1,800	14.23	25,614	TON	389.48	9,976,141
	1999	1,896	13.60	25,786	TON	450.64	11,620,203
Strawberry Total	2000	3,550					75,471,274
	1999	3,163					80,053,943
Fresh	2000		2,609.25	9,262,824	12#	5.81	{ 53,817,007}
	1999		2,310.00	7,306,530	12#	6.41	{ 46,834,857}
Processing	2000		13.53	48,032	TON	450.83	(21,654,267}
	1999		17.76	56,175	TON	591.35	{ 33,219,086}
Miscellaneous	2000	1,928					7,214,395
	+1999	1,667					6,669,407
Total	2000	29,396					\$204,555,071
	+1999	29,080					\$201,175,702

+ Revised

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
<u>Cut Flowers & Cut Greens</u>				
Aster	2000	819,272		\$2,718,883
	1999	555,508		\$1,190,566
Chrysanthemum	2000	6,790,000		10,343,405
	1999	6,096,170		11,358,149
Delphinium	2000		68.48	1,991,819
	1999		83.50	1,440,989
Gerbera	2000	2,043,000		13,592,389
	+1999	1,889,400		11,413,689
Gypsophila	2000		63.2	942,686
	1999		124.49	1,930,810
Lily	2000	1,871,020		12,580,997
	1999	2,054,110		11,266,595
Orchid	2000	1,160,855		5,534,497
	1999	1,086,000		6,162,020
Rose	2000	1,746,520		9,670,429
	1999	2,626,000		11,499,327
Snapdragon	2000	378,000	21.50	1,272,388
	1999	820,400	4.60	1,633,826
Miscellaneous Cut Flowers	2000	1,374,102	1,532.62	24,231,729
	+1999	1,178,750	1,332.76	18,045,548
Cut Greens	2000		62.37	492,581
	1999		81.59	305,716
<u>Potted Plants</u>				
Foliage Plants	2000	709,300		6,095,139
	1999	480,000		4,400,051
Orchid Plants	2000	1,175,014		6,439,543
	1999	1,179,060		6,535,355
Poinsettia	2000	666,000		1,943,513
	1999	707,300		2,195,892
Miscellaneous Potted Plants	2000	5,055,397		23,242,717
	+1999	2,879,239		19,671,918

+Revised

Nursery Products cont.

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Herbaceous Perennials, Ground Covers, Turf, Bulbs & Bedding Plants	2000	1,293,000	142.67	7,908,739
	1999	1,533,000	141.50	7,730,420
Transplants: Vegetables, Fruit Trees & Vines	2000	4,074,000	294.60	6,773,306
	+1999	5,991,032	326.00	6,867,190
Woody Ornamentals & Ground Covers	2000	100,000	87.25	4,944,028
	1999	219,000	122.00	5,688,800
Total	2000	29,255,480	2,272.69	\$140,718,788
	+1999	29,294,969	2,216.44	\$129,336,861

+ Revised

	Year	Production			Unit	Value	
		Harvested Acreage	Per Acre	Total		Per Unit	Total
Bean Seed	2000	637	20.00	12,740	CWT	\$70.17	\$ 893,966
	1999	1,065	20.59	21,928	CWT	\$59.00	\$1,293,752
Flower Seed	2000	758					5,450,698
	1999	812					5,704,998
Vegetable Seed	2000	422					1,396,168
	1999	649					1,900,677
Total	2000	1,817					\$7,740,832
	1999	2,526					\$8,899,427

	Year	Production		Unit	Value	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle and Calves	2000	50,700	350,278	CWT	\$65.22	\$22,845,131
	1999	52,500	383,513	CWT	\$62.32	\$23,900,530
Miscellaneous	2000					4,516,165
	1999					4,963,273
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Total	2000					\$27,361,296
	1999					\$28,863,803

	Year	Production	Unit	Value	
				Per Unit	Total
Milk and Milk Products	2000	574,772	CWT	\$ 11.85	\$6,811,048
	1999	595,305	CWT	\$13.87	\$8,256,880
Miscellaneous	2000				6,984,861
	1999				4,567,634
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Total	2000				\$13,795,909
	1999				\$12,824,514

MISCELLANEOUS CROPS

VEGETABLE CROPS

Includes: Anise, artichoke, arugula, beans, beets, carrots, celery root, chard, chinese cabbage, cilantro, corn, cucumber, eggplant, endive, escarole, frisee, green beans, green onions, herbs, kale, kohlrabi, leeks, mache, mizuma, mixed vegetables, greens, onions, parsley, peppers, potato, pumpkin, radicchio, radish, squash (winter), tomatillo, tomato, and turnip.

FIELD CROPS

Miscellaneous beans

Includes: Garbanzo, fava, pinto, white and yellow beans.

FRUIT AND NUT CROPS

Includes: Apple, cherimoya, grapefruit, guava, lime, macadamia nut, olive, passion fruit, peach, persimmon, pistachio, sapote, and walnut.

NURSERY PRODUCTS

Miscellaneous cut flowers

Includes: Agapanthus, ageratum, alstromeria, anemone, bouvardia, calla lily, carnation, celosia, cirsium, cosmos, crespedia, dahlia, freesia, gardenia, gladiola, godetia, iris, larkspur, leptospermum, liatris, limonium, lisianthus, misty blue, monte casino, Queen Anne's lace, protea, ranunculus, solidago, statice, stock, sunflower, tuberose, tulip, and yarrow.

Miscellaneous potted plants

Includes: African violet, begonia, carnation, chrysanthemum, cineraria, cuacuma, cyclamen, exacum, fuchsia, geranium, gerbera, gloxinia, hydrangea, impatiens, ivy, kalanchoe, lily, lisianthus, palm, primula, and rose.

LIVESTOCK AND POULTRY

Includes: Aquaculture, breeding stock, chickens, llamas, and sheep.

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Includes: Apiary products (honey, bees wax, pollen, pollination), eggs, fertilizer, and wool.

LEADING DOLLAR PRODUCTS

2000 Ranking

1999 Ranking

1	Broccoli	98,570,056	2
2	Grape, Wine	90,043,250	3
3	Strawberry	75,471,274	1
4	Head Lettuce	64,861,808	5
5	Cauliflower	40,124,220	6
6	Celery	37,731,839	7
7	Cattle	22,845,131	8
8	Avocado	21,850,011	4
9	Gerbera	13,592,389	11
10	Lily	12,580,997	13
11	Chrysanthemum, cut	10,343,405	12
12	Leaf Lettuce	10,186,238	14
13	Lemon	9,976,141	9
14	Rose, cut	9,670,429	10
15	Pea, edible pod	7,205,930	17
16	Cabbage	7,125,423	20
17	Milk	6,811,048	15
18	Orchid, potted	6,439,543	16
19	Foliage Plants	6,095,139	23
20	Flower Seed	5,450,698	19
21	Orchid, cut	5,534,497	18
22	Spinach	4,394,289	24
23	Bean, lima	4,323,143	26
24	Summer Squash	4,247,960	21
25	Aster, cut	2,718,883	33
26	Bell Pepper	2,556,554	22
27	Asparagus	2,125,516	25
28	Delphinium	1,991,819	31
29	Poinsettia	1,943,513	27
30	Vegetable seed	1,396,168	29
31	Snapdragon, cut	1,272,388	30
32	Alfalfa	1,031,774	----

SUMMARY

	<u>YEAR</u>	<u>ACREAGE</u>	<u>FOB VALUE</u>
Vegetables	2000	71,145	\$328,670,574
	1999	74,011	\$265,130,061
Field Crops	2000	609,178	12,161,431
	1999	617,221	10,738,891
Fruit & Nut Crops	2000	29,396	204,555,071
	+1999	29,080	201,175,702
Nursery Products	2000	2,944	140,718,788
	+1999	2,889	129,336,861
Seed Crops	2000	1,817	7,740,832
	1999	2,526	8,899,427
Livestock and Poultry	2000		27,361,296
	1999		28,863,803
Livestock, Poultry and Apiary Products	2000		13,795,909
	1999		12,824,514
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Total	2000	714,480	735,003,901
	+1999	725,727	\$656,969,259

+Revised

COMPARATIVE AGRICULTURAL VALUES

2000	\$735,003,901
+1999	656,969,259
1998	611,859,484
1997	625,974,591
1996	581,637,098
1995	539,328,233
1994	509,777,967
1993	500,517,903
1992	443,228,285
1991	500,067,241
1990	508,517,249
1989	481,283,756
1988	436,515,018
1987	381,670,169
1986	348,169,389
1985	341,811,369
1984	323,110,206
1983	318,903,463

+ Revised

SANTA BARBARA COUNTY SUSTAINABLE AGRICULTURAL SUMMARY*

COUNTY BIOLOGICAL CONTROL EFFORTS

<u>PEST</u>	<u>BIO-CONTROL AGENT</u>	<u>SCOPE OF PROGRAM ⁽¹⁾</u>
Ash Whitefly <i>Siphonius phillyreae</i>	Hymenoptera (parasitic wasp) <i>Encarsia partenopea</i>	County-wide+
Western Grapeleaf Skeletonizer <i>Harrisina brillians</i>	Diptera (larval parasitic fly) <i>Ametadoria sp.</i>	6 sites (Cuyama Valley)+
Grape Leafhopper <i>Erythroneura elegantula</i>	Hymenoptera (egg parasitic wasp) <i>Anagrus epos</i>	200 acres (Santa Ynez)
Russian Wheat Aphid <i>Diuraphis noxia</i>	Hymenoptera (parasitic wasp) <i>Aphelinus sp.</i> <i>Diaeretiella rapae</i>	40 acres (Santa Ynez and Santa Maria)+
Woolly Whitefly <i>Aleurothrixus floccosus</i>	Hymenoptera (parasitic wasp) <i>Cales sp.</i> <i>Amitus sp.</i>	Various sites (County-wide)+
Horn and Face Flies <i>Musca autumnalis</i> <i>Haematobia irritans</i>	Coleoptera: Scarabaeidae <i>Onthophagus taurus</i> <i>O. gazella</i> <i>O. alexis</i>	76,000 acres
Ice Plant Scale <i>Pulvinaria mesembryanthemi</i>	Hymenoptera (parasitic wasp) <i>Metaphycus sp.</i>	Various sites (County-wide)+
Eugenia Psyllid <i>Trioza eugeniae</i>	Hymenoptera (parasitic wasp) Eulophidae: <i>Tamarixia sp.</i>	Various sites (County-wide)+
Blue Gum Psyllid <i>Ctenarytaina eucalypti</i>	Hymenoptera (parasitic wasp) <i>Psyllaephagus pilosus</i>	Various sites (County-wide)+
Eucalyptus Longhorned Borer <i>Phoracantha semipunctata</i>	Hymenoptera (parasitic wasp) <i>Avetianella longoi</i> (egg parasite) <i>Syngaster lepidus</i> (larval parasite) <i>Doryctes sp.</i> (larval parasite)	Various sites (County-wide)
Eucalyptus Snout Beetle <i>Gonipterus scutellatus</i>	Hymenoptera (parasitic wasp) <i>Anaphes nitens</i>	3 sites (Summerland, Carpinteria Goleta)
Italian Thistle <i>Carduus pycnocephalus</i>	Coleoptera: Curculionidae <i>Rhinocyllus conicus</i>	Various sites (500 acres)
Yellow Starthistle <i>Centaurea solstitialis</i>	Coleoptera: Curculionidae <i>Bangasternus orientalis</i> (<i>a bud weevil</i>) <i>Eustenopus villosus</i> (<i>Hairy weevil</i>) Diptera: Tephritidae <i>Urophora sirunaseva</i> (<i>a gall fly</i>) <i>Chaetorellia succineas</i> (seedhead fly)	Several sites (Los Padres National Forest) 16 sites (Los Padres National Forest) 3 sites (Los Padres National Forest) 2 sites (Los Padres National Forest)

* Section 2272 of the Food and Agricultural Code requires the Agricultural Commissioner to include a summary of sustainable agriculture in the Annual Report.

(1) Represents total number of individual sites, acres, etc. incorporated in the program efforts.

+ Bio-control agent effectively controlling target pest in Santa Barbara County.

Sustainable Agriculture cont.

COUNTY BIOLOGICAL CONTROL EFFORTS

<u>PEST</u>	<u>BIO-CONTROL AGENT</u>	<u>SCOPE OF PROGRAM</u>
Giant Whitefly <i>Dialeurodicus dugesii</i>	Hymenoptera (parasitic wasp) <i>Entedononecremnus krauteri</i> (larval parasite) <i>Encarsiella noyesii</i> (larval parasite) <i>Idioporus affinis</i> (larval parasite)	10 sites
Puncture Vine <i>Tribulus terrestris</i>	Coleoptera: Curculionidae <i>Microlarinus spp.</i>	3 site (County-wide)
Olive Fruit Fly <i>Acteroce oloaeae</i>	Hymenoptera (parasitic wasp) <i>Tsyttalia concolor</i> (larval parasite)	9 sites (Santa Barbara & Monticito)
Nesting Whitefly <i>paraleurodes minei</i>	Coleoptera: Coccinellidae <i>Nephaspis sp</i> (a ladybug)	3 sites (Goleta, Santa Barbara & Carpinteria)

PEST EXCLUSION

<u>PEST (RATING)</u>	<u>HOST/MECHANISM/ORIGIN</u>	<u>NUMBER/DISPOSITION</u>
SCALE INSECTS:		
Magnolia White Scale (A) <i>Pseudaulacaspis cockerelli</i>	Nursery Stock/Common Carrier/Florida	1 Rejected/Destroyed
ANTS:		
White-footed Ant (Q) <i>Technomyrmex albipes</i>	Cut Flowers /Common Carrier/Hawaii	3 Rejected/Treated
Big-headed Ant (Q) <i>Pheidole megacephala</i>	Cut Flowers/Common Carrier/Hawaii	2 Rejected/Treated
APHIDS:		
An aphid (Q) <i>Greenidea formosana</i> .	Cut Flowers/Common Carrier/Hawaii	1 Rejected/Treated
WHITEFLYS:		
Spiraling Whitefly (Q) <i>Aleurodicus dispersus</i>	Foliage/Common Carrier/Hawaii	2 Rejected/Treated
Palm Whitefly (Q) <i>Aleurocerus palmae</i>	Cut Flowers/Common Carrier/Mexico	1 Rejected/Treated
LEAFMINERS:		
Citrus leafminer <i>Phyllocnistus citrella</i>	Nursery Stock/Common Carrier/Florida	1 Rejected/Destroyed
AQUATIC WEEDS:		
Sponge plant	Nursery Stock/Common Carrier/Oregon	1 Rejected/Destroyed
DISEASES:		
<i>Cercospora hydrangeae</i>	Nursery Stock/Common Carrier/Pennsylvania	1 Rejected/Destroyed

Pest Exclusion cont.

SNAILS/SLUGS:

a snail (Q) <i>Cepaea sp.</i>	Cut Flowers/Common Carrier/Netherlands	1 Rejected/Treated
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BEETLES:

a bark beetle (Q)	Seed/Common Carrier/Florida	1 Rejected/Destroyed
	Seed/Common Carrier/Hawaii	1 Rejected/Destroyed

Rating definitions:

"A" - An organism of known economic importance subject to enforcement action involving eradication, quarantine regulation, containment, rejection, or other holding action.

"Q" - An organism or disorder requiring temporary "A" action pending determination of a permanent quarantine rating. The organism is suspected to be of economic importance, but its status is uncertain because of incomplete identification or inadequate information.

ORGANIC FARMING

60 Organic Farms were registered in Santa Barbara County in 2000. Utilizing organic principles as required by the California Organic Food Act of 1990, these farms produce a wide variety of crops.

VEGETABLE CROPS

Includes: Anise, arugula, basil, beans, beets, bell peppers, broccoli, cabbage, carrots, cauliflower, celery, chard, cherry tomato, corn, peppers, chives, cilantro, cucumber, eggplant, endive, garlic, gourmet specialty vegetables, green onions, greens, herbs, kale, lettuce, leeks, melons, mizuma, nopales, onions, oriental vegetables, parsley, peas, potato, pumpkin, radish, rhubarb, spinach, sweet potato, tomato, tomatillo, turnip, various squash, and vegetable transplants.

FRUIT AND NUT CROPS

Includes: Apple, apricot, avocado, banana, berries, cherimoya, fig, grapefruit, grape, guava, kiwi, lemon, lime, loquat, macadamia nut, mandarin, olive, orange, peach, persimmon, plum, sapote, strawberry and tangerine.

FIELD CROPS

Includes: Pasture and rangeland.

DEPARTMENT STAFF

Commissioner/Director

William D. Gillette

Deputy Commissioners

Joe Karl Guy Tingos

Entomologist

Jerry Davidson

Plant Pathologist

Heather Scheck

Supervising Agricultural Biologists

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Supervising Weights and Measures Inspector

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Computer Support Specialist

Jennifer Ellsworth

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Weights and Measures Inspectors

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Agricultural Biologists

Tiffany Almeroth	Steve Loyal
Susan Bryant	Lottie Martin
Gary Burns	Ken Masuda
Mike Champion	Ted Ortega
Alma Cangelosi	Mary Ann Rajala
Kevin Cheesman	Mike Roberts
Elizabeth Davis	Jeff Saleen
Harriet Heath	Stephanie Stark

GRAPE	2000 PLANTED	2000 HARVESTED
VARIETY	ACRES	ACRES
ALBARINO	0.25	0.25
BARBERA	17.80	17.80
CABERNET FRANC	95.01	82.72
CABERNET SAUVIGNON	544.53	519.33
CABERNET SAUV. BLANC	82.00	0.00
CHARDONAY	7478.94	6288.49
CHENIN BLANC	193.93	190.93
CINSAULT	3.86	2.88
COINIOSE	2.12	1.06
DOLCETTO	20.00	9.00
FREISA	1.00	1.00
GAMMY NOIR	34.73	34.73
GEWURZTRAMINER	221.28	221.28
GRENACHE	30.29	13.29
GRENACHE NOIR	12.75	0.00
GRIGNOLINO	1.00	1.00
LOUNDISÉ	1.00	0.00
MALBEC	2.10	2.10
MARSANNE	11.37	11.37
MERLOT	595.76	392.89
MISC.	1179.05	1171.40
MOURVEDRE	23.85	12.90
MUSCAT CANELLI	17.00	17.00
NEBBIOLO	42.65	29.65
ORANGE MUSCAT	0.80	0.80
PETIT SYRAH	6.50	5.00
PETITE VERDOT	2.23	1.93
PINOT BLANC	66.14	38.14
PINOT GRIGIO	15.58	15.58
PINOT GRIS	49.14	27.78
PINOT NOIR	2124.09	910.55
REFOSCO	3.00	3.00
ROUSANNE	38.03	25.87
SANGIOVESE	39.82	39.82
SAUVIGNON BLANC	229.54	217.54
SEMILLION	17.30	16.10
SYLVANER	8.80	8.80
SYRAH	401.27	191.04
TEROLDEGO	4.00	2.00
TOCAI	1.80	1.80
VIOGNIER	77.77	70.32
WHITE REISLING	201.75	194.58
ZINFINDEL	21.90	6.90
TOTAL	13914.83	10798.62