

The cover . . .

. . . depicts Santa Barbara County's lemon industry.

1995 saw lemons as the County's thirteenth ranked crop, realizing a gross value of over \$8 million.

The first lemon orchards were planted over 200 years ago during the early mission years. Lemon orchard acreage in Santa Barbara County peaked in the 1950's at about 9500 acres. Now, lemon acreage stands at 1600 acres due to the orchard land being converted to higher income producing crops or urbanization.

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

April 29, 1996

NEWS RELEASE

The Santa Barbara County Agricultural Commissioner's Office announces the release of the 1995 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 the cost of production, transportation and marketing 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 1995 of \$533,803,233, an all time high. This represents a 4.7 % increase in overall value when compared to the 1994 figures. Because of the diversity of Santa Barbara County's agriculture, 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 over one billion dollars.

The 4,500 acre strawberry crop is Santa Barbara County's leading commodity in 1995, with gross receipts exceeding \$78 million. Over 10 million flats of fresh strawberries were harvested in Santa Barbara County in 1995. Broccoli, which has the greatest planted acres of any crop in the county, is the second ranked crop in 1995, grossing nearly \$71 million. Head lettuce with gross receipts of \$52 million, is the third ranked crop in 1995. Avocados and cauliflower complete the list of the top five commodities produced in 1995.

Santa Barbara County is California's 15th ranked county in total agricultural production; second leading California county in broccoli and cauliflower production; third ranked in the state for avocado, cabbage, celery and spinach production, fourth ranked for asparagus, lettuce, strawberries, and flower and foliage crops. A large part of the success of agriculture in Santa Barbara County is the diversity of the crops grown here. This diversity is apparent by the 38 commodities listed in the report with gross values exceeding \$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 Bill Gillette or Curtis Sayer at 681-5600 or 934-6200.

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	Year	Production			Value			
		Harvested Acreage	Per Acre	Total	Unit	Unit	Per Wt.	Unit
Total								
Asparagus	1995	674	207.92	140,138	CTN	15#	\$25.17	\$3,527,273
	1994	627	241.35	151,327	CTN	15#	\$26.28	\$3,976,874
Bell Peppers	1995	1,451	887.19	1,287,313	CTN	25#	4.57	5,883,020
	1994	582	864.64	503,222	CTN	25#	6.70	3,522,213
Broccoli	1995	21,698						70,892,781
Total	1994	21,666						69,950,229
Fresh	1995	18,853	644.75	12,155,472	CTN	22#	5.32	{64,667,111}
	1994	18,691	673.79	12,593,809	CTN	22#	5.00	{62,969,045}
Frozen	1995	2,845	5.50	15,698	TON	TON	396.59	{6,225,670}
	1994	2,975	5.87	17,463	TON	TON	399.77	{6,981,184}
Cabbage	1995	1,406	704.81	990,963	CTN	50#	5.20	5,153,008
	1994	1,076	783.64	843,197	CTN	50#	5.36	4,519,536
Cauliflower	1995	1,406	704.81	990,963	CTN	50#	5.20	5,153,008
	1994	8,140	575.03	4,680,744	CTN	25#	4.88	22,842,031
Celery	1995	3,007	1,049.62	3,156,207	CTN	60#	5.58	17,611,635
	1994	3,506	1,103.98	2,766,574	CTN	60#	6.29	17,401,750
Lettuce, Head	1995	11,343	623.68	7,074,402	CTN	50#	7.34	51,926,111
	1994	10,060	664.75	6,687,385	CTN	50#	5.38	35,978,131
Lettuce, Leaf	1995	1,450	743.05	1,077,423	CTN	30#	5.51	5,936,601
	1994	929	949.32	881,918	CTN	30#	5.29	4,665,346
Peas, Edible Pod	1995	1,497	533.28	798,320	CTN	10#	9.16	7,312,611
	1994	1,085	507.20	550,312	CTN	10#	9.13	5,024,349
Spinach	1995	572	663.11	379,299	CTN	20#	5.88	2,230,278
	1994	627	744.77	466,971	CTN	20#	3.65	1,704,444
Squash, Summer	1995	747	739.05	552,070	CTN	26#	3.91	2,158,594
	1994	1,153	514.45	593,161	CTN	26#	5.36	3,179,343
Miscellaneous	1995	9,965						41,960,650
	1994	10,490						33,055,826
Total	1995	61,543						\$240,459,154
	1994	58,941						205,820,072

	Harvested		Production		Unit	Value	
	Year	Acres	Per Acre	Total		Per	Unit
Total							
Beans							
Lima	1995	3,877	17.29	67,033	CWT	56.13	\$3,762,562
	1994	3,582	17.37	62,219	CWT	44.60	2,774,967
Miscellaneous	1995	388					563,370
	1994	962					693,865
Alfalfa	1995	1,777	8.00	14,216	TON	106.40	1,512,582
	+1994	2,473	7.75	19,841	TON	133.13	2,679,171
Hay, Grain	1995	5,719	2.62	14,984	TON	77.20	1,156,765
	+1994	4,321	2.64	11,622	TON	92.03	1,067,796
Pasture							
Irrigated	1995	6,223				120.00	746,760
	1994	6,278				118.00	740,804
Non-irrigated*	1995	597,662				7.30	4,362,933
	1994	597,662				7.28	4,350,979
Silage	1995	580	23.95	13,891	TON	21.61	300,185
	1994	870	14.16	12,319	TON	21.76	268,061
Small Grains	1995	4,381	20.69	90,643	CWT	3.79	343,537
	1994	4,715	22.78	107,400	CWT	5.10	547,667
Miscellaneous	1995	{548}					44,900
	1994	{250}					72,550
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Total	1995	620,607					\$12,793,594
	+1994	620,863					13,195,860

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

+Revised

	Year	Harvested Acreage	Production		Value		
			Per Acre	Total	Total	Per Unit	Unit
Total							
Avocados	1995	8,772	2.42	21,228	TON	\$1,667.47	\$35,397,053
	1994	9,128	2.26	20,629	TON	2,112.58	43,580,413
Grapes	1995	8,731	2.00	17,462	TON	1,152.73	20,128,971
	1994	9,260	4.08	37,781	TON	957.70	36,182,864
Lemons	1995	1,609	14.97	24,087	TON	334.15	8,048,671
	1994	1,683	12.90	21,711	TON	383.80	8,332,682
Strawberries Total	1995	4,497					78,067,902
	1994	4,376					68,236,779
Fresh	1995		2,248.85	10,113,079	12#	5.64	{57,037,766}
	1994		2,016.61	8,824,685	12#	5.21	{45,976,609}
Processing	1995		9.65	43,396	TON	484.61	{21,030,136}
	1994		8.76	38,334	TON	580.69	{22,260,170}
Walnuts	1995	590	1.09	643	TON	1,280.00	823,040
	1994	590	1.35	797	TON	918.74	732,236
Miscellaneous	1995	998					4,673,545
	+1994	856					3,779,876
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Total	1995	25,197					\$147,139,182
	+1994	25,893					160,844,850
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+Revised

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
<u>Cut Flowers & Cut Greens</u>				
Carnations	1995	485,250		\$485,879
	1994	595,350		495,739
Chrysanthemums	1995	5,214,750		9,502,000
	1994	6,691,298		10,382,980
Gerbera	1995	1,147,024		5,878,467
	1994	1,078,744		5,228,841
Gypsophila	1995		187.00	1,821,962
	1994		255.49	2,470,703
Orchids	1995	1,748,480		4,920,101
Roses	1995	1,631,954		8,535,214
	1994	1,488,254		6,653,714
Statice	1995		90.50	650,325
	1994		95.57	568,149
Miscellaneous Flowers	1995	1,185,310	724.38	13,005,709
	1994	1,243,490	584.25	11,380,588
Miscellaneous Greens, Trees and Wood Products	1995		77.54	584,045
	1994		73.75	804,659
<u>Potted Plants</u>				
Chrysanthemums	1995	1,827,000		2,648,200
	1994	1,589,800		2,176,418
Foliage Plants	1995	401,380	16.13	4,400,167
	+1994	660,700	18.25	2,606,053
Orchid Plants	1995	936,000		5,073,453
	1994	1,266,058		4,303,443
Poinsettias	1995	491,000		1,594,922
	1994	436,500		1,259,122
Miscellaneous Flowering Plants	1995	2,678,725		10,943,044
	+1994	2,306,481	25.00	9,745,575

+Revised

Nursery Products cont.

	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Herbaceous Perennials, Ground Covers, Turf, Bulbs & Bedding Plants	1995	835,000	95.25	3,582,633
	+1994	771,705	73.25	3,674,408
Transplants: Vegetables, Fruit Trees & Vines	1995	4,007,800	215.75	6,108,285
	1994	2,418,503	265.50	4,125,600
Woody Ornamentals & Ground Covers	1995	96,900	132.75	7,149,628
	1994	89,000	128.50	7,286,700
Total	1995	22,686,573	1,539.30	\$86,884,034
	+1994	22,039,291	1,519.56	78,179,651

+Revised

	Year	Production			Unit	Value	
		Harvested Acreage	Per Acre	Total		Per Unit	Total
Bean Seed	1995	1,944	23.23	45,159	CWT	\$45.57	\$2,057,896
	1994	1,831	17.38	31,823	CWT	\$59.23	\$1,844,876
Flower Seed	1995	605					2,835,041
	1994	676					3,018,134
Vegetable Seed	1995	453					1,100,496
	1994	658					2,227,440
Total	1995	3,002					\$5,993,433
	1994	3,165					7,130,450

<u>Total</u>	Year	<u>Production</u>		Per Unit	<u>Value</u>	
		No. of Head	Total Liveweight		Unit	Unit
Cattle and Calves	1995	53,875	387,900	CWT	\$58.40	\$22,653,360
	1994	54,099	388,901	CWT	68.17	26,511,318
Miscellaneous	1995					5,156,076
	1994					5,088,826
Total	1995					\$27,809,436
	1994					31,600,144

<u>Total</u>	Year	Production	Per Unit	<u>Value</u>	
				Unit	Unit
Apiary	1995				\$779,843
	1994				\$381,337
Milk and Milk Products	1995	494,915	CWT	\$12.01	5,943,929
	1994	570,052	CWT	11.88	6,772,218
Miscellaneous	1995				6,000,628
	1994				5,853,385
Total	1995				\$12,724,400
	1994				13,006,940

MISCELLANEOUS CROPS

VEGETABLES

Includes: Anise, artichokes, beans (snap), beets, carrots (bunch), chinese vegetables, cilantro, corn (sweet), cucumbers, endive, escarole, herbs, kale, leeks, mixed vegetables, onions, parsley, peppers, potatoes, pumpkins, squash (winter), tomatillos, tomatoes, and turnips.

FIELD CROPS

Miscellaneous beans

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

Miscellaneous

Includes: Oat seed, sudan seed and straw.

FRUIT AND NUT CROPS

Includes: Apples, apricots, bananas, cherimoyas, guavas, kiwis, limes, macadamias, olives, passion fruit, persimmons, pistachios, raspberries, sapotes and table grapes.

NURSERY PRODUCTS

Miscellaneous cut flowers

Includes: Agapanthus, alstromeria, anemone, asters, bouvardia, calla lilies, daisies, delphinium, freesias, gardenias, gladiolas, godetia, iris, larkspur, leptospermum, lilies, proteas, snap dragons, stock and tuberoses.

Miscellaneous flowering plants

Includes: African violets, azaleas, begonias, bromeliads, carnations, cyclamen, dianthus, exacum, fuchsias, geraniums, gerberas, hydrangeas, roses and tulips.

LIVESTOCK AND POULTRY

Includes: Breeding stock, chickens, llamas, pigs and sheep.

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Includes: Eggs, fertilizer and wool.

MILLION DOLLAR PRODUCTS

1995 Ranking

1994 Ranking

<u>1995 Ranking</u>			<u>1994 Ranking</u>
1	Strawberries	78,067,902	2
2	Broccoli	70,892,781	1
3	Lettuce, Head	51,926,111	5
4	Avocados	35,397,053	3
5	Cauliflower	25,866,592	7
6	Cattle	22,653,360	6
7	Grapes	20,128,971	4
8	Celery	17,611,635	8
9	Cut Flowers, miscellaneous	13,005,709	9
10	Flowering Plants	10,943,044	11
11	Crysanthemums, cut	9,502,000	10
12	Roses	8,535,214	16
13	Lemons	8,048,671	12
14	Peas, edible pods	7,312,611	18
15	Woody Ornamentals	7,149,628	14
16	Transplants: Vegetables, Fruit Trees & Vines	6,108,285	24
17	Milk	5,943,929	15
18	Lettuce, Leaf	5,936,601	20
19	Bell Peppers	5,883,020	0
20	Gerberas	5,878,467	17
21	Cabbage	5,153,008	21
22	Orchids, potted	5,073,453	23
23	Orchids, cut	4,920,101	19
24	Foliage Plants	4,400,167	34
25	Pasture, non-irrigated	4,362,933	22
26	Beans, lima	3,762,562	29
27	Herbaceous Plants	3,582,633	28
28	Asparagus	3,527,273	25
29	Flower Seeds	2,835,041	27
30	Crysanthemums, potted	2,648,200	33
31	Spinach	2,230,278	36
32	Squash, summer	2,158,594	26
33	Bean Seed	2,057,896	35
34	Gypsophila	1,821,962	31
35	Pointsettias	1,594,922	37
36	Alfalfa	1,512,582	30
37	Hay, Grain	1,156,765	0
38	Vegetable Seed	1,100,496	32

SUMMARY

	<u>YEAR</u>	<u>ACREAGE</u>	<u>FOB VALUE</u>
Vegetables	1995	61,543	\$240,459,154
	1994	58,941	205,820,072
Field Crops	1995	620,607	12,793,594
	+1994	620,863	13,195,860
Fruit & Nut Crops	1995	25,197	147,139,182
	+1994	25,893	160,844,850
Nursery Products	1995	2,060	86,884,034
	+1994	2,026	78,179,651
Seed Crops	1995	3,002	5,993,433
	1994	3,165	7,130,450
Livestock and Poultry	1995		27,809,436
	1994		31,600,144
Livestock, Poultry and Apiary Products	1995		12,724,400
	1994		13,006,940
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Total	1995	712,409	\$533,803,233
	+1994	710,888	509,777,967

+Revised

COMPARATIVE AGRICULTURAL VALUES

1995	\$533,803,233
+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
1982	317,152,978
1981	308,773,222
1980	299,862,444
1979	248,525,596

+Revised

COUNTY BIOLOGICAL CONTROL EFFORTS

<u>PEST</u>	<u>BIO-CONTROL AGENT</u>	<u>SCOPE OF PROGRAM</u> ⁽¹⁾
Ash Whitefly <i>Siphonius phillyreae</i>	Hymenoptera wasp <i>Encarsia partenopea</i>	County-wide+
Western Grapeleaf Skeletonizer <i>Harrisina brillians</i>	Diptera fly <i>Ametadoria sp.</i>	6 sites (Cuyama Valley)+
Grape Leafhopper <i>Erythroneura elegantula</i>	Hymenoptera wasp <i>Anagrus epos</i>	200 acres (Santa Ynez Valley)
Russian Wheat Aphid <i>Diuraphis noxia</i>	Hymenoptera wasps <i>Aphelinus sp.</i> <i>Diaeretiella rapae</i>	40 acres (Santa Ynez and Santa Maria)+
Woolly Whitefly <i>Aleurothrixus floccosus</i>	Hymenoptera wasps <i>Cales sp.</i> <i>Amitus sp.</i>	Various sites (County-wide)+
Horn and Face Flies <i>Musca autumnalis</i>	Coleoptera: scarabaeidae <i>Onthophagus taurus</i>	76,000 acres
<i>Haematobia irritans</i>	<i>O. gazella</i> <i>O. alexis</i>	
Ice Plant Scale <i>Pulvinariella mesembryanthemi</i>	Hymenoptera wasps <i>Metaphycus sp.</i>	Various sites (County-wide)+
Eugenia psyllid <i>Trioza eugeniae</i>	Hymenoptera wasp Eulophidae: <i>Tamarixia</i> <i>Eugenia myrtifolia</i>	Various sites (County-wide)+
Blue Gum Psyllid <i>Ctenarytaina eucalypti</i>	Hymenoptera wasp <i>Psyllaephagus pilosus</i>	Various sites (County-wide)+
Eucalyptus Longhorned Borer <i>Phoracantha semipunctata</i>	Hymenoptera wasps <i>Avetianella longoi</i> <i>Syngaster lepidus</i> <i>Doryctes sp.</i>	Various sites

* 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.

Yellow Starthistle <i>Centaurea solstitialis</i>	Coleoptera: Curculionidae <i>Bangasternus orientalis</i> (a bud weevil)	2 sites (USF Los Padres National Forest)
	Diptera: Tephritidae <i>Urophora sirunaseva</i> (a Gall fly)	3 sites (USF Los Padres National Forest)
	Coleoptera: Curculionidae: <i>Eustenopus villosus</i> (Hairy weevil)	2 sites (USF Los Padres National Forest)
Italian Thistle <i>Carduus pycnocephalus</i>	Coleoptera: Curculionidae <i>Rhinocyllus conicus</i>	Various sites (500 acres)
Puncture Vine <i>Tribulus terrestris</i>	Coleoptera: Curculionidae <i>Microlarinus sp.</i>	1 site (Los Olivos)

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>	Foliage/Common Carrier/Hawaii	2 Rejected/Destroyed
Red Wax Scale (A) <i>Ceroplastes rubens</i>	Foliage/Common Carrier/Hawaii	1 Rejected/Destroyed
Boxwood Scale (Q) <i>Pinnaspis buxi</i>	Cut Flowers/Common Carrier/Hawaii /Costa Rica	3 Rejected/Destroyed
Lesser Snow Scale (A) <i>Strachani sp.</i>	Nursery Stock/Common Carrier/Costa Rica	1 Rejected/Destroyed
An Armored Scale (Q) State <i>Andaspis leucoploae</i>	Nursery Stock/Common Carrier/Florida	1 Rejected/Shipped out of
Green Shield Scale (A) <i>Pulvinaria psidii</i>	Cut Flowers/Common Carrier/Hawaii	3 Rejected/Destroyed
Rufous Scale (A) <i>Selenaspidus articulatus</i>	Foliage/Common Carrier/Guatemala	1 Rejected/Destroyed
Black Tread Scale (A) <i>Ischnaspis longirostris</i>	Foilage/Common Carrier/Hawaii	2 Rejected/Destroyed
Bamboo Pit Scale (Q) State <i>Bambusapis miliaris</i>	Nursery Stock/Common Carrier/Hawaii	1 Rejected/Shipped out of
ANTS:		
Black Headed Ant (Q) <i>Tapinoma melanocephalum</i>	Cut Flowers/Common Carrier/Florida	1 Rejected/Destroyed

Sustainable Agriculture cont.

PEST EXCLUSION cont.

<u>PEST (RATING)</u>	<u>HOST/MECHANISM/ORIGIN</u>	<u>NUMBER/DISPOSITION</u>
WHITEFLYS: Spiraling Whitefly (Q) <i>Aleurodicus dispersus</i>	Cut Flowers/Common Carrier/Guatemala	1 Rejected/Destroyed
Croton Whitefly (Q) <i>Orohamoplatus mammesferis</i>	Foliage/Common Carrier/Hawaii	4 Rejected/Destroyed
LEAFHOPPERS: leafhopper (Q) <i>Sophonia rufouascia</i>	Foliage/Common Carrier/Hawaii Nusery Stock	4 Rejected/Destroyed or Treated
MITES: Persea Mite (Q) <i>Oligonychus perseae</i>	Avocado/Common Carrier/San Diego	2 Rejected/Treated
GRASSHOPPERS: a katydid (Q) <i>Tettigoniidae sp.</i>	Cut Flowers/Common Carrier/Hawaii	1 Rejected/Destroyed
MOTHS: Gypsy Moth (Q) <i>Lymantria dispar</i>	Ladder/Common Carrier/Pennsylvania	1 Rejected/Removed Insect

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

47 Organic Farms were registered in Santa Barbara County in 1995. 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, bellpeppers, broccoli, carrots, cauliflower, chard, cherry tomatoes, chili peppers, cucumbers, eggplant, garlic, gourmet specialty vegetables, green onions, greens, herbs, kale, lettuce, leeks, melons, nopales, onions, oriental vegetables, parsley, potatoes, pumpkins, radish, rhubarb, snap beans, spinach, sweet corn, table beets, tomatoes, tomatillos, turnips, various squash and vegetable transplants.

FRUIT AND NUT CROPS

Includes:

Apples, apricots, avocados, bananas, berries, cherimoya, figs, grapefruit, grapes, guava, kiwi, lemons, limes, macadamia nuts, mandarins, olives, oranges, peaches, persimmons, plums and tangerines.

FIELD CROPS

Includes:

Grain, hay and rangeland.

DEPARTMENT STAFF

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Diane Green

Rod Ross

Agricultural Biologists

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David Leung

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