

**APPENDIX A**

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**Ventura County Agricultural Commissioner Annual Crop Report, 2005**

# Ventura County Agricultural Commissioner

Annual Crop Report - 2005





Office of  
**AGRICULTURAL COMMISSIONER**

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**Agricultural Commissioner**  
W. Earl McPhail

**Chief Deputy**  
David B. Buettner

July 5, 2006

TO: THE HONORABLE BOARD OF SUPERVISORS OF VENTURA COUNTY

LINDA PARKS, Chair	District 2
STEVE BENNETT	District 1
KATHY LONG	District 3
JUDY MIKELS	District 4
JOHN K. FLYNN	District 5

and  
A. G. KAWAMURA, SECRETARY,  
California State Department of Food and Agriculture

Pursuant to Section 2279 of the California Food and Agricultural Code, I hereby submit the Ventura County Annual Crop and Livestock Report for 2005.

The estimated gross value for Ventura County agriculture for Calendar year 2005 is \$1,225,109,000. This is an overall decrease of \$164,343,000 from 2004. This report reflects gross values only and does not represent the net return to growers.

Highlights of the 2005 Crop Report are as follows:

- Strawberries are, once again, the leading commodity in 2005 with a value of \$325,567,000.
- Vegetables crop value decreased by \$24,245,000.
- Fruits and nuts crop value decreased by \$88,262,000.

I wish to thank all the individuals, producers, processors, and government agencies whose co-operation and assistance contributed to preparing this report. My sincerest thanks and appreciation must be especially extended to my Deputy Agricultural Commissioner Kerry DuFrain, as well as all department staff for their efforts in compiling and finalizing this report.

Respectfully submitted,

W. Earl McPhail  
Agricultural Commissioner  
County of Ventura

WEM/h  
:My Documents/Crop Reports/VC Crop Report 2005

**Office of the  
AGRICULTURAL COMMISSIONER**

**W. Earl McPhail – AGRICULTURAL COMMISSIONER**

**CHIEF DEPUTY AGRICULTURAL COMMISSIONER:**

David B. Buettner

**DEPUTY AGRICULTURAL COMMISSIONERS:**

Kerry L. DuFrain   Susan L. Johnson   Alan D. Laird

**CLERICAL:**

Deanna Bowling   Lidia Harrison   Bernice Muñoz

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**FIELD STAFF:**

**SUPERVISING AGRICULTURAL BIOLOGISTS:**

Gayland C. Hagy   David Van Epp

**AGRICULTURAL BIOLOGISTS:**

Herb Bunch, John Calderwood, Tom Dimock, Tina Dwyer  
Eliseo Hernandez, Freddi Hermann, Ellen Kragh, Rudy Martel, Dexter McDonald  
George Mendoza, Daniela Nekić, Louis Ortali, Bruce Spiller

**AGRICULTURAL PLANNER:**

Rita Graham

**INSECT DETECTION SPECIALISTS:**

Jake Baldwin, Clifford Ball, Becky Battleson, Linda Bellamy, Douglas Crissman, Francisco Hernandez,  
Amado Mijares, Barbara Miller, Jose Muñoz, Connie Ratner, Gayle Reed, John Salzwedel, David Soriano

**Front cover photo:** Spring rose bloom at Otto and Sons Nursery, courtesy of Cindy Klittich

# AGRICULTURAL CROP REPORT

## Recapitulation and Index

### 2004 – 2005

CROP GROUPING	YEAR	\$ VALUE <sup>1</sup>
1. FRUIT AND NUT CROPS	2005	\$652,777,000
Page #4	2004	740,039,000
2. VEGETABLE CROPS	2005	330,269,000
Page #5-6	2004	354,514,000
3. NURSERY STOCK <sup>2</sup>	2005	213,661,000
Page #7	2004	222,214,000
4. CUT FLOWERS	2005	51,751,000
Page #8	2004	65,663,000
5. FIELD CROPS	2005	1,931,000
Page #8	2004	2,270,000
6. LIVESTOCK AND POULTRY	2005	2,150,000
Page #9	2004	1,942,000
7. APIARY PRODUCTS	2005	509,000
Page #9	2004	362,000
8. TIMBER	2005	62,000
Page #9	2004	71,000
9. SUSTAINABLE AGRICULTURE	2005	1,999,000
Page #10	2004	2,377,000
GRAND TOTAL	2005	\$1,225,109,000
	2004	\$1,389,452,000

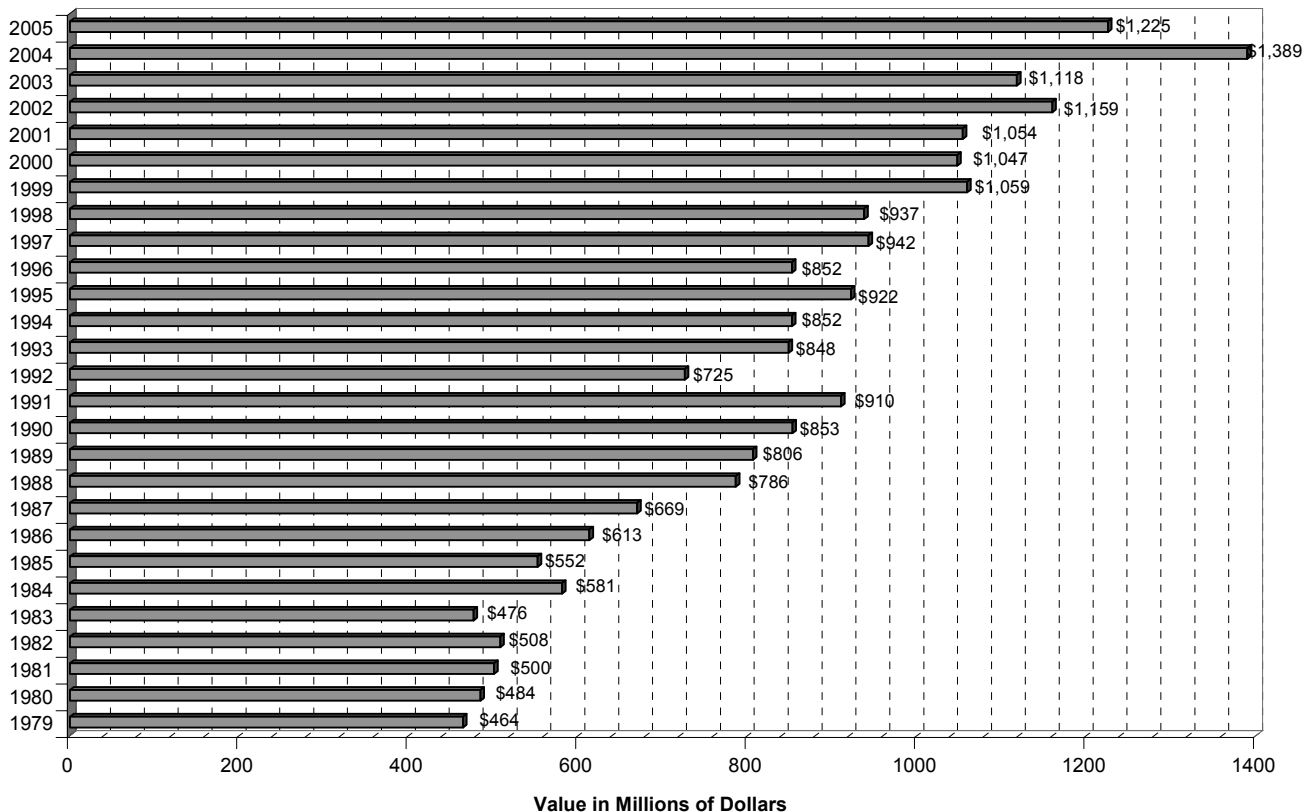
<sup>1</sup> Figures are rounded off to nearest \$1000

<sup>2</sup> Includes Cut Christmas Trees

# Five Year Comparison Of Ventura County Crop Values

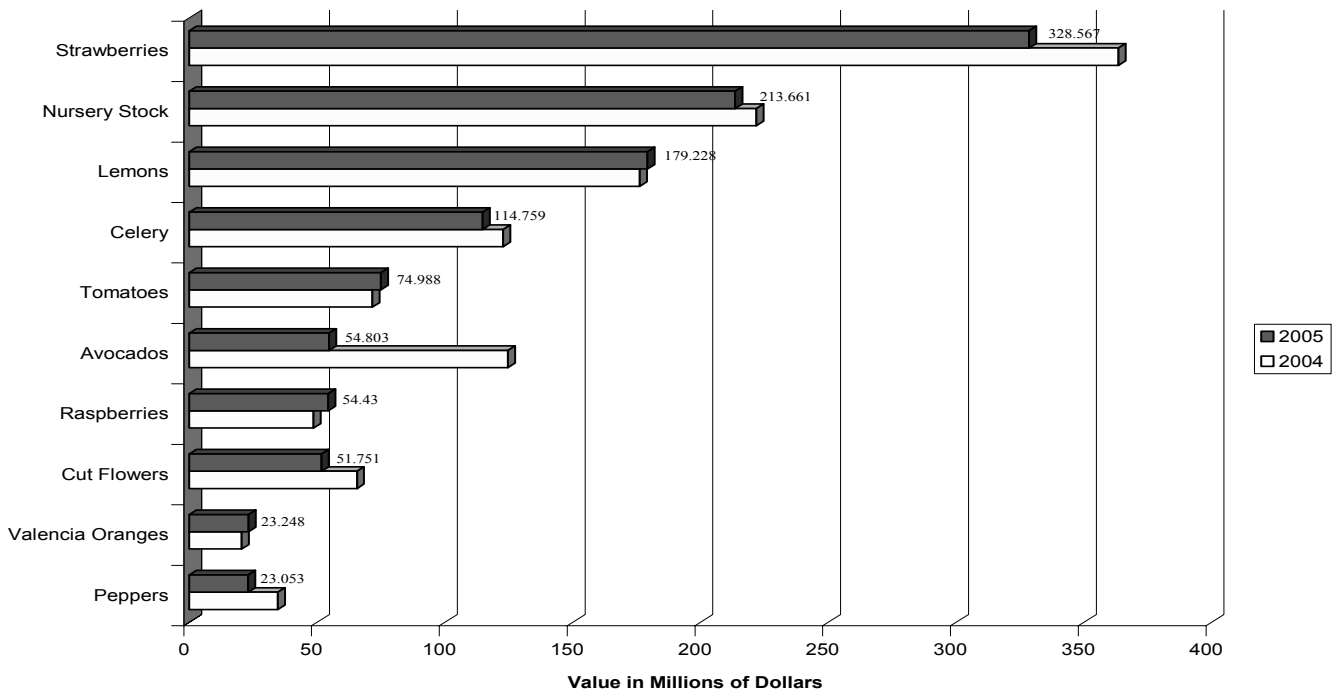
	2001	2002	2003	2004	2005
Fruit and Nut Crops	511,167,000	631,018,000	591,667,000	740,039,000	652,777,000
Vegetable Crops	309,423,000	304,020,000	298,743,000	354,514,000	330,269,000
Livestock and Poultry Products	2,827,000	2,423,000	2,126,000	1,942,000	2,150,000
Apiary Products	591,000	863,000	1,339,000	362,000	509,000
Nursery Stock	171,651,000	173,896,000	173,262,000	222,214,000	213,661,000
Cut Flowers	51,717,000	40,349,000	44,515,000	65,663,000	51,751,000
Field Crops	3,176,000	3,628,000	3,108,000	2,270,000	1,931,000
Timber	78,000	69,000	61,000	71,000	62,000
Biological Control	3,084,000	3,039,000	2,807,000	2,377,000	1,999,000
<b>GRAND TOTAL</b>	<b>\$1,053,714,000</b>	<b>\$1,159,305,000</b>	<b>\$1,117,628,000</b>	<b>1,389,452,000</b>	<b>1,225,109,000</b>

**Total Crop Values 1979-2005**



## TEN LEADING CROPS FOR 2005

RANK	CROP	VALUE
1 <sup>st</sup>	Strawberries	\$328,567,000
2 <sup>nd</sup>	Nursery Stock	213,661,000
3 <sup>rd</sup>	Lemons	179,228,000
4 <sup>th</sup>	Celery	114,759,000
5 <sup>th</sup>	Tomatoes	74,988,000
6 <sup>th</sup>	Avocados	54,803,000
7 <sup>th</sup>	Raspberries	54,430,000
8 <sup>th</sup>	Cut Flowers	51,751,000
9 <sup>th</sup>	Valencia Oranges	23,248,000
10 <sup>th</sup>	Peppers	23,053,000



## OTHER MILLION DOLLAR CROPS

Greens	15,102,000	Beans (all)	3,799,000
Cabbage	11,451,000	Oriental Vegetables	2,718,000
Lettuce	9,410,000	*Orchids	2,498,000
*Veg. Transplants	8,159,000	Radishes	2,488,000
Spinach	7,867,000	Livestock	2,150,000
Broccoli	6,089,000	*Poinsettia	1,565,000
Navel Oranges	5,938,000	Cucumber	1,224,000
Cilantro	5,220,000	Sweet Corn	1,123,000
Onions (all)	4,232,000	Kale	1,042,000
Parsley	3,917,000		

\* Included in Nursery Stock total above

## FRUIT AND NUT CROPS ACREAGE, PRODUCTION AND VALUES 2004-05

CROP	YEAR	PRODUCTION			UNIT	\$ VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
AVOCADOS	2005	19,206	1.54	29,592	Tons	\$1,851.95	\$54,803,000
	2004	19,234	3.28	63,095	"	1,975.78	124,662,000
GRAPEFRUIT							
Total	2005	108	14.75	1,593	"	364.72	581,000
	2004	75	17.73	1,330	"	378.20	503,000
LEMONS							
Total	2005	20,875	19.02	396,939	"	451.53	179,228,000
	2004	22,520	15.39	346,601	"	508.83	176,361,000
ORANGES (Navel)							
Total	2005	617	13.81	8,519	"	697.03	5,938,000
	2004	501	7.97	3,991	"	558.51	2,229,000
ORANGES (Valencia)							
Total	2005	5,075	11.18	56,715	"	409.91	23,248,000
	2004	5,426	10.12	54,935	"	373.62	20,525,000
RASPBERRIES	2005	1,251	10.94	13,684	"	3,977.20	54,430,000
	2004	1,477	11.53	17,034	"	2,852.30	48,586,000
STRAWBERRIES							
Total	2005	11,333	25.28	286,498	"	1,146.84	328,567,000
	2004	10,349	26.41	273,312	"	1,330.49	363,646,000
Fresh	2005			199,461	"	1,427.00	284,631,000
	2004			170,705	"	1,833.71	313,023,000
Processed	2005			87,021	"	504.89	43,936,000
	2004			102,612	"	493.34	50,623,000
TANGERINES & TANGELOS	2005	159	6.07	965	"	1,886.01	1,820,000
	2004	148	3.2	474	"	1,734.18	822,000
MISC. FRUITS AND NUTS <sup>3</sup>	2005	492			"		4,162,000
	2004	460			"		2,705,000
<hr/>							
TOTAL	2005	59,116					\$652,777,000
	2004	60,190					\$740,039,000

<sup>3</sup> MISC. FRUITS AND NUTS include Apples, Apricots, Asian Pears, Bushberries, Cherimoya, Grapes, Guavas, Kiwi, Limes, Persimmons, Macadamias, Tangelos, Tangerines, Walnuts; and miscellaneous citrus, deciduous, and subtropicals



## VEGETABLE CROPS

### ACREAGE, PRODUCTION AND VALUES 2004-05

CROP	YEAR	PRODUCTION			UNIT	\$ VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
BEANS							
Green and Dry Limas,	2005	2,255	2.32	5,221	Tons	727.64	\$3,799,000
Green Snap	2004	3,064	2.31	7,080	“	846.19	5,991,000
BEETS	2005	210	9.53	2,001	“	931.53	1,864,000
BROCCOLI							
Fresh and Processed	2005	1,329	6.82	9,070	“	671.33	6,089,000
	2004	1,348	7.64	10,301	“	650.81	6,704,000
CABBAGE							
	2005	2,260	24.78	56,003	“	204.87	11,451,000
	2004	2,213	20.81	46,063	“	230.73	10,628,000
CELERY							
	2005	10,778	35.33	380,825	“	301.34	114,759,000
	2004	11,249	39.55	444,867	“	276.11	122,832,000
CILANTRO							
	2005	763	8.11	6,190	“	843.30	5,220,000
	2004	1,614	8.92	14,397	“	551.92	7,946,000
CUCUMBERS							
	2005	71	11.65	827	“	1,480.05	1,224,000
	2004	127	8.86	1,125	“	824.89	928,000
GREENS <sup>4</sup>							
	2005	1,731	-	2,414,688	Ctns	6.25	15,102,000
	2004	1,603	-	1,623,197	“	8.86	14,376,000
KALE							
	2005	153	9.07	1,388	Tons	750.72	1,042,000
	2004	322	9.61	3,093	“	900.74	2,786,000
LETTUCE							
Total	2005	1,576	11.96	18,848	“	499.29	9,410,000
	2004	2,306	12.52	28,881	“	413.66	11,947,000
Head							
	2005	119	18.04	2,147	“	305.08	655,000
	2004	311	18.49	5,749	“	266.48	1,532,000
Romaine							
	2005	955	12.10	11,558	“	445.58	5,150,000
	2004	1,155	13.42	15,499	“	394.09	6,108,000
Leaf							
	2005	502	10.25	5,143	“	700.95	3,605,000
	2004	840	9.09	7,633	“	564.26	4,307,000

<sup>4</sup> Includes: chard, collard, mustard, turnip and watercress.

## VEGETABLE CROPS ACREAGE, PRODUCTION AND VALUES 2004-05

CROP	YEAR	PRODUCTION			UNIT	\$ VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
ORIENTAL VEG.	2005	670	9.02	6,045	Tons	449.63	\$2,718,000
	2004	627	6.88	4,311	"	593.37	2,558,000
ONIONS Green & Dry	2005	720	20.77	14,955	"	282.98	4,232,000
	2004	999	14.10	14,087	"	404.56	5,699,000
PARSLEY	2005	361	13.19	4,762	"	822.55	3,917,000
	2004	579	7.96	4,609	"	856.80	3,949,000
PEPPERS							
Bell and	2005	2,041	21.17	43,201	"	533.62	23,053,000
Chili	2004	3,155	22.88	72,195	"	479.65	34,628,000
PUMPKIN	2005	127	18.05	2,292	"	217.28	498,000
	2004	84	16.26	1,366	"	187.41	256,000
RADISHES	2005	347	10.66	3,699	"	672.61	2,488,000
	2004	1,031	6.11	6,295	"	1,121.37	7,059,000
SPINACH	2005	1,054	4.53	4,772	"	1,648.58	7,867,000
	2004	901	7.39	6,659	"	1,432.35	9,538,000
SWEET CORN	2005	510	5.05	2,577	"	435.78	1,123,000
	2004	374	7.06	2,640	"	500.38	1,321,000
TOMATOES <sup>5</sup>							
	2005	1,586	53.46	84,793	"	884.37	74,988,000
	2004	966	51.66	49,907	"	1,437.37	71,735,000
VEGETABLES, MISC. <sup>6</sup>							
Field,							
Indoor, and	2005	2,069			"		39,425,000
Processed	2004	1,776			"		31,551,000
TOTAL	2005	30,611					\$330,269,000
	2004	34,474					\$354,514,000

<sup>5</sup> Includes hydroponics

<sup>6</sup> Includes: artichokes, arugula, asparagus, baby vegetables, carrot, cauliflower, eggplant, endive, garlic, gourds, herbs, kohlrabi, leeks, melons, mushrooms, peas, radicchio, sprouts, squash, tomatillos, and turnips.

## NURSERY STOCK PRODUCTION AND VALUES 2004-05

ITEM	YEAR	PRODUCTION		PRODUCTION AREA		Per Unit	TOTAL
				Greenhouse Square Feet	Field Acres		
<b>NURSERY STOCK</b>							
	2005	-----	-----	5,667,265	4,181		\$213,661,000
	2004	-----	-----	7,801,452	3,861		221,999,000
Fruit and Nut Trees	2005	933,648	Trees		142	14.28	13,335,000
	2004	914,696	Trees		97	14.30	13,082,000
Potted Plants	2005	3,764,599	Pots	2,102,162	42	3.25	12,250,000
	2004	4,271,607	Pots	3,808,587	34	3.58	15,300,000
Propagative Mat	2005	56,360,767	Cuttings	496,370	14	.12	7,031,000
	2004	60,078,014	Cuttings	424,030	16	.16	9,772,000
Herb. Perennials	2005	3,782,162	Containers	671,229	79	3.13	11,844,000
	2004	4,741,509	Containers	682,932	110	2.50	11,850,000
Woody Orn.	2005	10,239,759	Tree/Shrubs	885,042	1,817	8.98	91,917,000
	2004	12,281,426	Tree/Shrubs	1,138,180	1,362	7.61	93,515,000
Bed. Plants	2005	61,161,757	Flats	485,432	2,083	1.13	69,125,000
Gr. Cover & Turf	2004	73,437,894	Flats	411,860	2,223	1.00	73,153,000
Veg. Transplants	2005	2,494,434	Flats	1,027,030	4	3.27	8,159,000
	2004	2,628,520	Flats	1,335,863	19	2.03	5,327,000
CHRISTMAS* TREES (CUT)	2005						
	2004	8,344	Trees		23	25.77	215,,000
TOTAL	2005						\$213,661,000
	2004						\$222,214,000

\*Included in Woody Ornamentals for 2005

## CUT FLOWERS PRODUCTION AND VALUES 2004-05

ITEM	YEAR	ACRES	PRODUCTION	UNIT	TOTAL \$ VALUE
FLOWER BLOOMS & STEMS	2005	26	9,501,406	Blooms	\$2,770,000
	2004	23	7,969,547	"	2,099,000
CUT GREENS & DRIED FLOWERS	2005	140	429,141	Bunches	622,000
	2004	150	483,585	"	577,000
FLOWER BUNCHES Total	2005	787	19,047,702	Bunches	48,359,000
	2004	905	29,442,642	"	62,987,000
Statice, Lace, Aster And Gypsophila	2005	156	2,686,071	"	5,710,000
	2004	116	2,597,881	"	4,776,000
Chrysanthemums and Sunflowers	2005	52	3,882,208	"	5,381,000
	2004	72	4,408,250	"	5,402,000
Lilies & Irises	2005	61	2,940,109	"	13,598,000
	2004	59	2,770,048	"	12,313,000
Lisianthus	2005	28	620,273	"	2,459,000
	2004	32	1,286,437	"	5,543,000
Stock, Larkspur, Delphinium & Snapdragons	2005	251	4,029,353	"	9,036,000
	2004	225	7,530,542	"	11,501,000
Miscellaneous	2005	239	4,889,688	"	12,175,000
	2004	401	10,849,484	"	23,452,000
TOTAL	2005	953			\$51,751,000
	2004	1,078			\$65,663,000

## FIELD CROPS ACREAGE, PRODUCTION AND VALUE 2004-05

CROP	YEAR	HARVESTED ACREAGE	TOTAL \$ VALUE
ALFALFA AND PASTURE Irrigated and Non-Irrigated	2005	100,294	\$1,032,000
	2004	100,360	1,061,000
GRAIN <sup>7</sup> , HAY, FLOWER & VEGETABLE SEED	2005	1,134	899,000
	2004	1,330	1,209,000
TOTAL	2005		\$1,931,000
	2004		\$2,270,000

<sup>7</sup> Includes green barley

## LIVESTOCK AND POULTRY PRODUCTION AND VALUES 2004-05

ITEM	YEAR	PRODUCTION	UNIT	\$ VALUE	
				PER UNIT	TOTAL
<b>LIVESTOCK</b>					
Cattle, Hogs	2005	16,240	cwt.	120.69	\$1,960,000
Sheep	2004	16,219	cwt.	109.75	\$1,780,000
<b>POULTRY</b>					
Eggs, Ducks	2005				94,000
	2004				92,000
<b>OTHER LIVESTOCK<sup>8</sup></b>					
	2005				96,000
	2004				70,000
<b>TOTAL</b>					
	2005				\$2,150,000
	2004				\$1,942,000

## APIARY PRODUCTS PRODUCTION AND VALUES 2004-05

CROP	YEAR	PRODUCTION	UNIT	\$ VALUE	
				PER UNIT	TOTAL
<b>HONEY</b>					
	2005	523,072	lbs.	\$.85	\$446,000
	2004	155,830	lbs.	.96	150,000
<b>BEE SWAX</b>					
	2005	12,687		1.50	19,000
	2004	3,165		1.58	5,000
<b>POLLINATION USE</b>					
	2005				44,000
	2004				207,000
<b>TOTAL</b>					
	2005				\$509,000
	2004				\$362,000

## TIMBER PRODUCTION AND VALUES 2004-05

CROP	YEAR		\$VALUE
<b>TIMBER<sup>9</sup></b>			
	2005		\$62,000
	2004		\$71,000

<sup>8</sup> Deer, squab and alpaca

<sup>9</sup> Timber harvested for lumber.

# SUSTAINABLE AGRICULTURE

ITEM	PEST	AGENT	SCOPE OF PROGRAM
<b>BIOLOGICAL CONTROL</b>			
Commercial Insectaries	Red and black scale, Mealybug, snails, various aphids mites and flies	<u>Aphytus melinus</u> , <u>Cryptolemus</u> , Decollate snails, various predators, parasitic wasps and nematodes	Estimate 768,163,715 beneficials, released on 330 ranches. Valued at \$1,999,000
COLONIZATION OF BENEFICIAL ORGANISMS	Yellow Star Thistle	<u>Puccinia jacaeca</u>	2 sites/1 release each 100 mg spores/sq. meter
PEST ERADICATION	Dalmation Toadflax Scotch Thistle Spotted Knapweed	Mechanical/ Digging Mechanical/ Digging Mechanical/ Digging	1 Site 1 Site 1 Site
PEST EXCLUSION	Various  Gypsy Moth	<u>Incoming Shipments</u> Postal/UPS/Fed Express (Parcels) Truck/Air Freight Household Goods (Inspections)	9,246 4,200 168 <hr style="width: 100%;"/> Total 13,614
ORGANIC FARMING	Number of registered growers	47	Vegetables Acreage 1,676 Fruits and Nuts Acreage 2,667 Field Crops Acreage 359 Flowers Acreage 10