

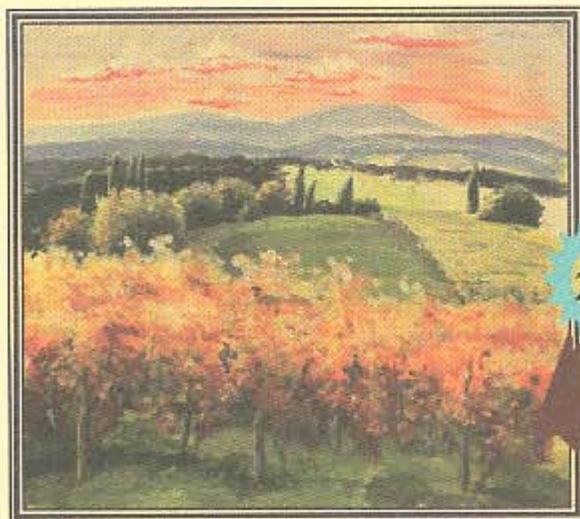
# 2006 AGRICULTURAL CROP REPORT



# COVER ART CONTEST

*Cover Artist: Erin Day*  
*Title: "Vineyard Tree"*  
*Medium: Oil Pastel*

Erin is a senior at Napa High School. Her interests include reading and fine arts, and she enjoys taking part in such outdoor activities as hiking, camping, and horseback riding.

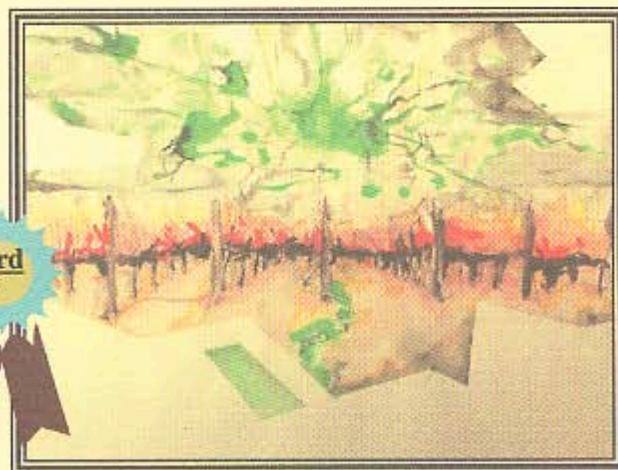


*Second Prize Winner: Emily Meehan*  
*Title: "Far Out"*  
*Medium: Acrylic*

A sophomore at New Tech High, Emily participates in the NHS varsity golf program and loves art, fashion design, various genres of music, piano, soccer, traveling, jewelry, surfing the internet, cupcakes, and burritos.

*Third Prize Winner: Peter Granados*  
*Title: "Very Green Vineyards"*  
*Medium: Watercolor & Ink Pen*

Peter, a senior attending New Tech High, complements his talent for painting with active interests in playing guitar, listening to music, swimming, reading, collecting baseball cards, and cooking (especially desserts).



This year's crop report cover contest was open to all Napa County middle and high school students. Napa County Farm Bureau's "Ag in the Classroom" program and the Napa County Agricultural Commissioner's Office sponsored this contest. "Ag in the Classroom" is a grassroots program coordinated by the United States Department of Agriculture. Its goal is to help students gain a greater awareness of the role of agriculture in the economy and society, so that they may become citizens who support wise agricultural policies.

The prize money for the contest winners was donated by the following local businesses and agencies: *Alfonso P. Elena Vineyard Management Co., Frog's Leap Winery, Godoy and Biglieri Ranches, Michael Wolf Vineyard Services, Napa County 4-H Council, Napa-Solano Cattlewomen's Association, Richard Salvestrin, Vista Vineyard Management LLC, and Warren Winiarski of Stag's Leap Wine Cellars.*



# NAPA COUNTY

DAVID R. WHITMER  
Agricultural Commissioner / Sealer  
GREGORY R. CLARK  
Assistant Ag Commissioner / Sealer

## DEPARTMENT OF AGRICULTURE AND WEIGHTS AND MEASURES

1710 SOSCOL AVENUE, SUITE 3 • NAPA, CA 94559-1315  
TELEPHONE: 707-253-4357 • TOLL FREE: 1-877-279-2980  
• FAX: 707-253-4881  
WEBSITE: <http://www.co.napa.ca.us>

April 24, 2007

A. G. Kawamura, Secretary  
California Department of Food and Agriculture  
and

The Honorable Board of Supervisors of Napa County

Harold Moskowitz, Chairman	District 5
Brad Wagenknecht	District 1
Mark Luce	District 2
Diane Dillon	District 3
Bill Dodd	District 4

It is a pleasure to present the 2006 annual Napa County Crop Report, which is prepared pursuant to the provisions of Section 2279 of the California Food and Agricultural Code. It is important to note that the figures provided are gross values and do not represent or reflect net profit or losses experienced by individual producers nor costs of production and marketing.

The gross value of all agricultural production was \$477,780,800, a decrease of \$70,839,750 from 2005. This 12.9% decrease in gross value was primarily due to a decrease in winegrape production. The total value of the winegrape crop was down 13.3% (\$71,727,100), while overall production decreased by 28,249.1 tons or 15.6%. Floral and nursery crops registered an increase of 10.2% in value, from \$3,226,400 in 2005 to \$3,556,800 in 2006.

I would like to express our appreciation to the producers, processors, government agencies and others that contributed information to make this report possible. Special recognition for the production of this report goes to Vicki Kemmerer, Craig Graffin and all the staff who assisted in compiling this information and improving the quality of the report.

Sincerely,

David R. Whitmer  
Agricultural Commissioner/Sealer

# MISSION STATEMENTS

THE NAPA COUNTY DEPARTMENT OF AGRICULTURE, AS A REGULATORY AGENCY, IS DEDICATED TO SUSTAINING A HEALTHY AGRICULTURAL INDUSTRY, WHILE PROTECTING THE ENVIRONMENT, THE AGRICULTURAL WORK FORCE AND THE COMMUNITY.

THE MISSION OF THE NAPA COUNTY DEPARTMENT OF WEIGHTS AND MEASURES IS TO PROVIDE FAIR COMPETITION AND EQUITY IN THE MARKETPLACE, AND TO ENSURE THAT THE INTERESTS OF THE BUYER AND SELLER ARE PROTECTED THROUGH EDUCATION, INSPECTION, AND ENFORCEMENT.

**AGRICULTURAL COMMISSIONER/SEALER**  
**DAVID R. WHITMER**

**ASSISTANT AGRICULTURAL COMMISSIONER/SEALER**  
**GREG CLARK**

**DEPUTY AGRICULTURAL COMMISSIONERS**

**JOHN COOLEDGE**

**JEFFREY ERWIN**

**VICKI KEMMERER**

**DEPUTY SEALER**  
**JOE CROXDALE**

**ADMINISTRATIVE**  
**OFFICE ASSISTANT**  
**MARCIA BLACKMON**

**SENIOR ACCOUNT**  
**CLERK**  
**CANDACE FISKE**

**SENIOR OFFICE**  
**ASSISTANT**  
**ARLENE PARKER**

**OFFICE**  
**ASSISTANT II**  
**TERESA SANCHEZ**

**AGRICULTURAL BIOLOGISTS**

**LANCE BINGHAM**  
**JOSE CHANG**  
**CHAD GODOY**  
**CRAIG GRAFFIN**

**NAOMI HOM**  
**HUMBERTO IZQUIERDO**  
**SOMMER JONES**

**JOEL KING**  
**SHELBY LIVINGSTON**  
**GREG MUSIC**  
**TRACY CLEVELAND**

**WEIGHTS AND MEASURES INSPECTOR**  
**KURT DORROUGH**

**AGRICULTURAL STANDARDS SERVICE WORKERS**

**DON JAMISON**  
**JOSHUA JENIK**

**TERRY KEISER**  
**GENE ROSE**

**LISA STEWART**  
**BRANDEN WOOLLEY**

**FEDERAL WILDLIFE SERVICES STAFF**  
**EDDIE GOYMERAC**                      **GREG WAMSLEY**

# SUMMARY OF NAPA COUNTY 2006 CROP AND LIVESTOCK PRODUCTION VALUES

FRUIT AND NUT CROPS	2006	\$469,961,500
	2005	\$541,599,750
VEGETABLE CROPS	2006	256,200
	2005	179,900
FLORAL & NURSERY CROPS	2006	3,556,800
	2005	3,226,400
FIELD CROPS	2006	286,300
	2005	295,700
TIMBER	2006	21,200
	2005	414,500
LIVESTOCK	2006	3,210,300
	2005	2,428,500
POULTRY & OTHER ANIMAL PRODUCTS	2006	488,500
	2005	475,800
GRAND TOTAL	2006	\$477,780,800
	2005	\$548,620,550

Please Note: The values in this report represent estimated gross values regardless of utilization. No attempt is made to reflect net income to the producer or cost of production.

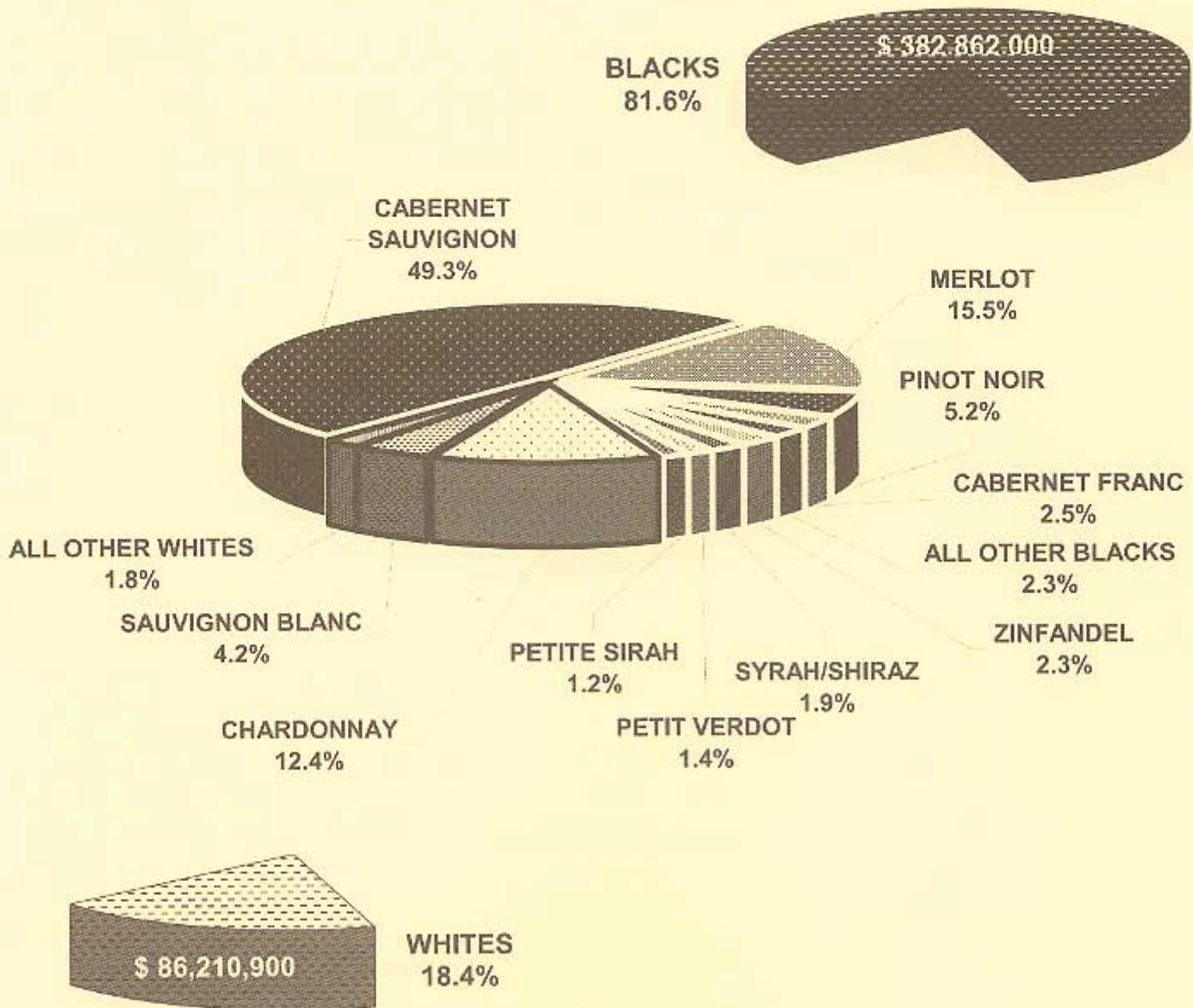
# 2006 ALL CROPS & ANIMAL PRODUCTS

CROP	YEAR	PRODUCING ACRES	TONS/ACRE	TOTAL TONNAGE	VALUE IN \$	
BLACK WINEGRAPES	2006	32,532	3.41	110,931.9	\$382,862,000	
	2005	32,055	4.10	131,480.2	\$441,400,000	
WHITE WINEGRAPES	2006	9,656	4.33	41,844.4	86,210,900	
	2005	9,855	5.03	49,545.2	99,400,000	
WINEGRAPES SUBTOTAL	2006	42,188	3.62	152,776.3	469,072,900	
	2005	41,910	4.32	181,025.4	540,800,000	
OLIVES	2006	216	1.61	347.8	268,800	
	2005	193	3.91	754.6	413,500	
WALNUTS	2006	103	.50	51	18,200	
	2005	99	.17	17	24,650	
STRAWBERRIES	2006				565,700	
	2005				330,500	
OTHER FRUITS & NUTS	2006				35,900	
	2005				31,100	
TOTALS	2006				\$469,961,500	
	2005				\$541,599,750	
VEGETABLES	2006				\$256,200	
	2005				\$179,900	
FLORAL & NURSERY	2006				\$3,556,800	
	2005				\$3,226,400	
		ACRES	YIELD / ACRE	TONS	\$ PER TON	
OAT HAY	2006	193	1.04	201	125.00	\$25,100
	2005	183	3.35	613	81.25	\$49,800
PASTURE AND RANGELAND	2006					261,200
	2005					245,900
TOTAL FIELD CROPS	2006					\$286,300
	2005					\$295,700
		VOLUME IN MBF		\$ PER MBF		
TIMBER	2006		82		2.59	\$21,200
	2005		1,130		3.67	\$414,500
		PRODUCTION IN CWT		UNIT	\$ PER CWT	
CATTLE AND CALVES	2006		26,138	CWT	\$118.00	\$3,084,300
	2005		24,665	CWT	90.90	\$2,242,000
SHEEP AND LAMBS	2006		893	CWT	\$84.00	75,000
	2005		1,683	CWT	98.42	165,600
OTHER LIVESTOCK	2006					51,000
	2005					20,900
TOTAL LIVESTOCK	2006					\$3,210,300
	2005					\$2,428,500
POULTRY & OTHER ANIMAL PRODUCTS	2006					\$488,500
	2005					\$475,800

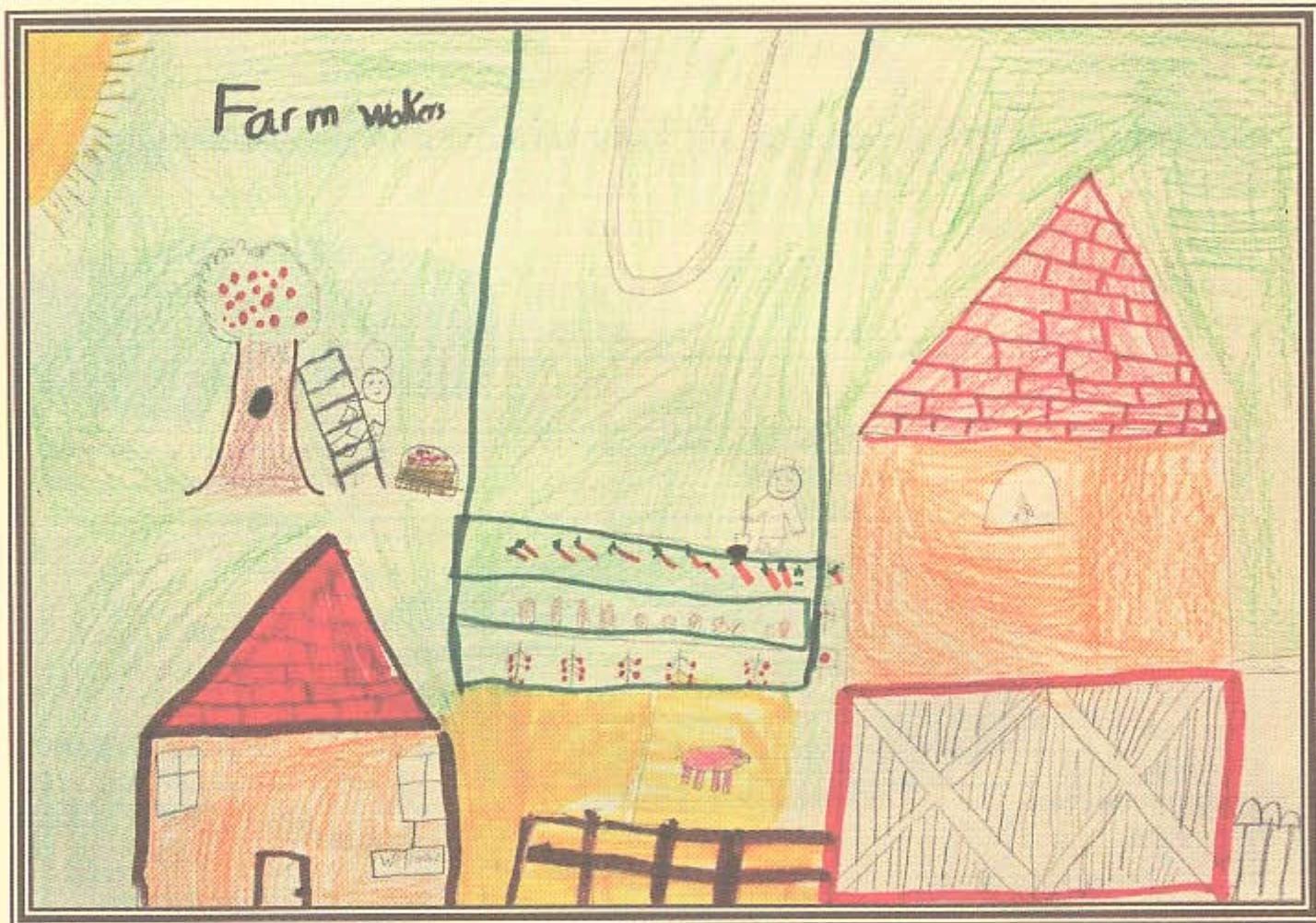
# TOTAL ALL WINE GRAPES 2006

WINE GRAPES	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	AVERAGE PRICE PER TON
BLACK VARIETIES	32,532	2,101	34,633	110,931.9	\$3,451.32
WHITE VARIETIES	9,656	847	10,503	41,844.4	\$2,060.27
TOTALS	42,188	2,948	45,136	152,776.3	\$3,071.19

## PERCENTAGE OF TOTAL VALUE OF ALL VARIETALS OVER 1% OF 2006 HARVEST



# FARM WORKER ART AND ESSAY



**Artist:** Juan Martinez  
**Class:** 3<sup>rd</sup> Grade  
**Teacher:** Mrs. Bogart  
**School:** Calistoga Elementary

The Farm Worker Appreciation Art and Essay Contest was open to all 3<sup>rd</sup> and 4<sup>th</sup> grade students in Napa County. This contest is aligned with the California State Standards for those grades in the area of social studies. The winning artist and author will each receive a \$50 gift certificate to a popular local pizzeria. The prize money was donated by local individuals, businesses, and agencies (see list at bottom of inside front cover).

# APPRECIATION DAY CONTEST

**Author:** Claudia Rodriguez  
**Class:** 3<sup>rd</sup> Grade  
**Teacher:** Mrs. Bogart  
**School:** Calistoga Elementary

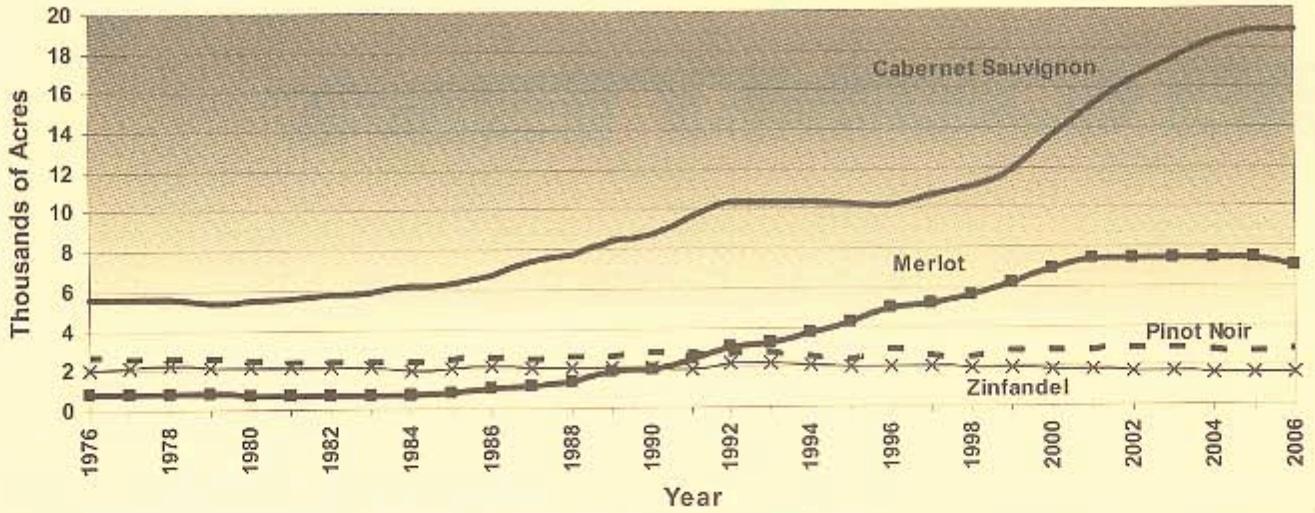
We Appreciate Farm workers

Farm workers are people that help us. They grow plants and vegetables. If they are not with us we would not be alive. They look like hard work people and they wear overalls, boots, hats, and gloves.

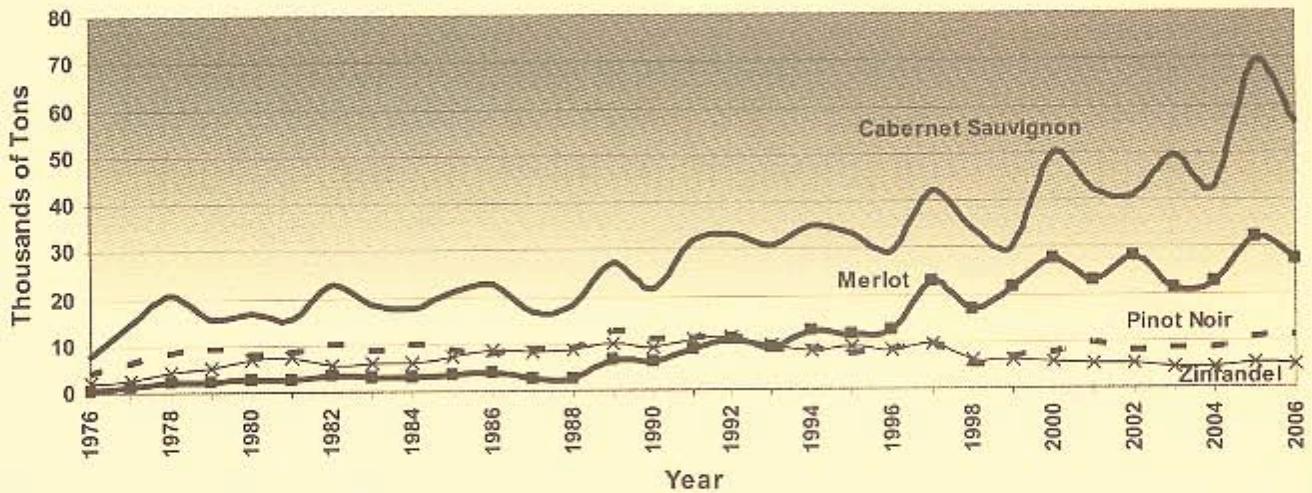
Farm workers take care of animals so the chickens can make eggs they also take care of trees and the fruit that trees produce.

I am not a farm worker but I think it's a tough job I need to say thank you farm workers for helping us farm workers are important because they help us to grow strong.

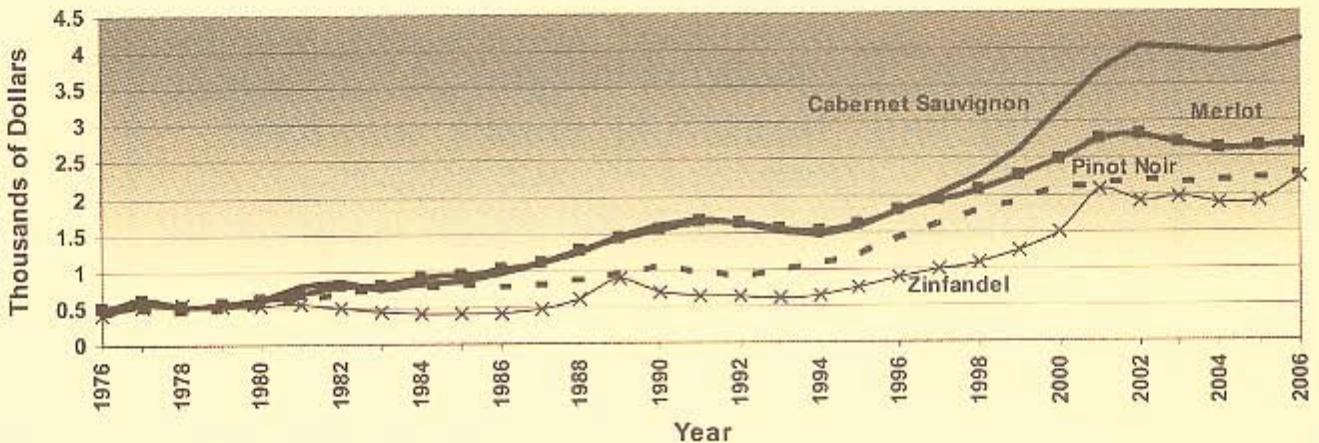
### Total Black Winegrape Acreage by Year



### Tons of Black Winegrapes Crushed by Year



### Price Per Ton of Black Winegrapes by Year

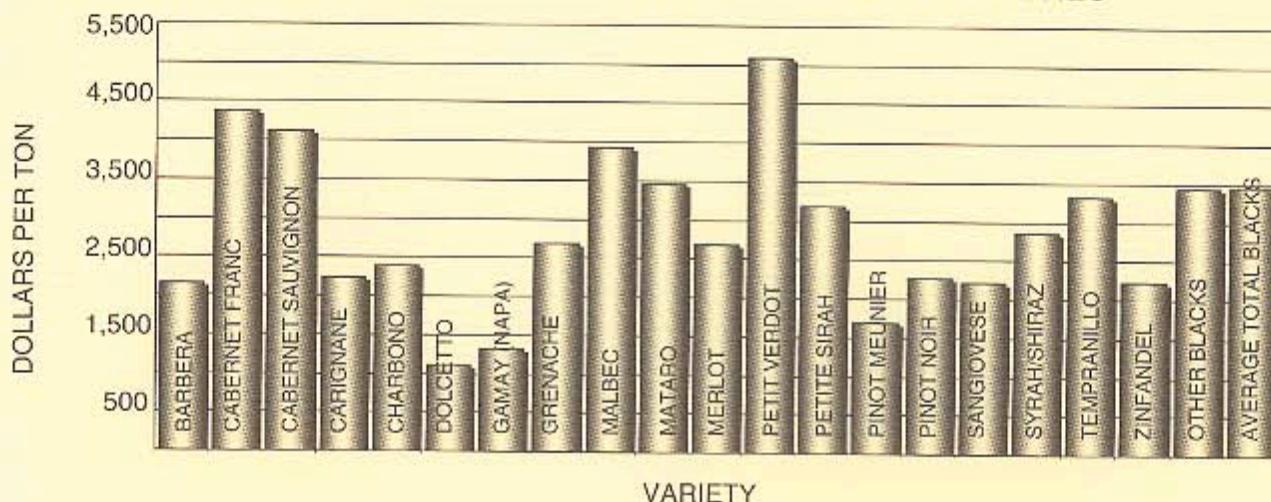


# BLACK VARIETIES 2006

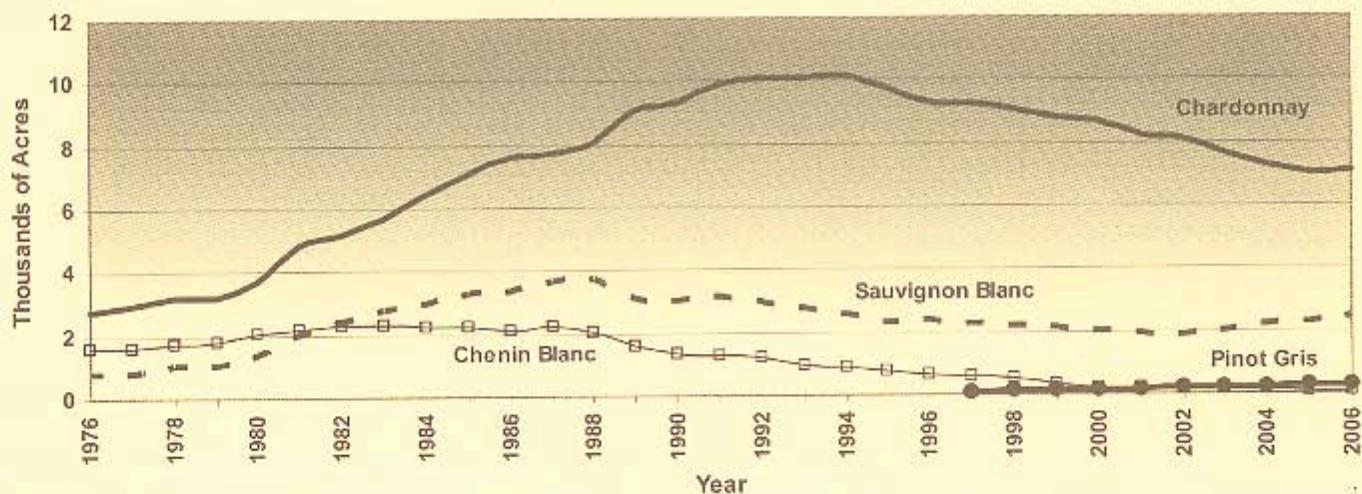
VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
BARBERA	8	0	8	41.8	\$2,150.96
CABERNET FRANC	997	136	1,133	2,658.0	4,367.17
CABERNET SAUVIGNON	17,709	1,174	18,883	56,247.1	4,126.26
CARIGNANE	7	2	9	14.8	2,232.75
CHARBONO	43	5	47	165.2	2,391.55
DOLCETTO	9	0	9	41.7	1,110.78
GAMAY/VALDIGUIE	28	0	28	64.0	1,315.42
GRENACHE	18	0	18	70.2	2,677.52
MALBEC	219	50	269	1,152.1	3,932.61
MATARO/MOURVEDRE	13	0	13	21.9	3,463.24
MERLOT	6,795	247	7,042	27,042.1	2,690.91
PINOT MEUNIER	38	0	38	139.4	1,687.86
PETIT VERDOT	435	108	543	1,329.4	5,092.09
PETITE SIRAH	559	127	686	1,748.9	3,196.52
PINOT NOIR	2,615	85	2,700	10,658.8	2,276.29
SANGIOVESE	353	0	353	1,324.1	2,216.94
SYRAH/SHIRAZ	1,022	101	1,123	3,114.6	2,850.63
TEMPRANILLO	20	3	23	99.9	3,330.38
ZINFANDEL	1,527	48	1,575	4,790.2	2,232.89
OTHER BLACKS*	117	15	132	207.7	3,445.45
<b>TOTAL BLACKS</b>	<b>32,532</b>	<b>2,101</b>	<b>34,633</b>	<b>110,931.9</b>	<b>\$3,451.32</b>

\*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER BLACKS: AGLIANICO, ALICANTE BOUCHET, ALVARELHAO, BLAUFRAENKISCH, CARMENRE, EARLY BURGUNDY, GRACIANO, GRIGNOLINO, MONTEPULCIANO, MUSCAT HAMBURG, NEBBIOLO, NERO D'AVOLA, PELGOURSIN, PETIT BOUCHET, PINOTAGE, PORT, PRIMITIVO, REFOSCO/MONDEUSE, ROSSINI, RUBIRED, RUBY CABERNET, SAGRANTINO, ST. MACAIRE, SOUZAO, TAMNAT, TINTA CAO, TINTA MADEIRA, TOURIGA, VERDELHO TINTO. \*\*TONNAGE AND PRICE PER TON OBTAINED FROM "FINAL GRAPE CRUSH REPORT 2006 CROP"

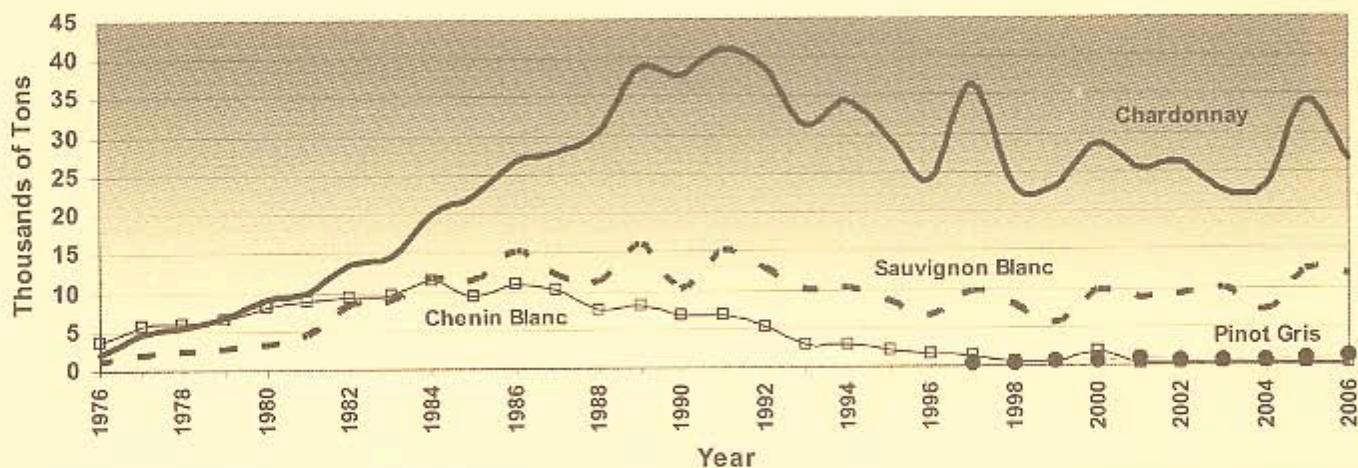
PRICE PER TON COMPARISON FOR BLACK WINEGRAPE VARIETIES



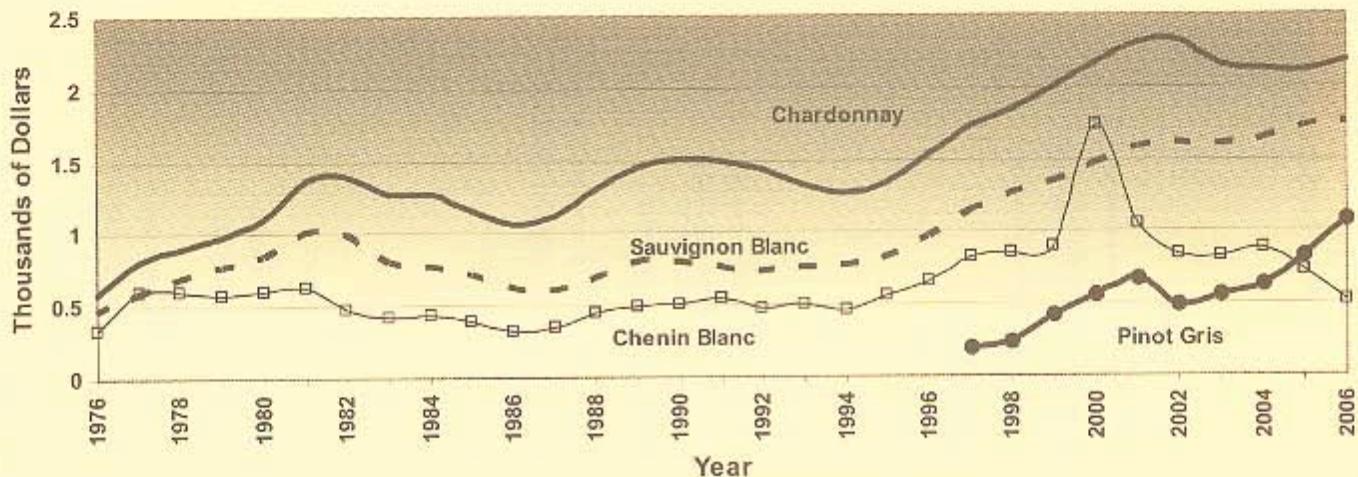
### Total White Winegrape Acreage by Year



### Tons of White Winegrapes Crushed by Year



### Price Per Ton of White Winegrapes by Year



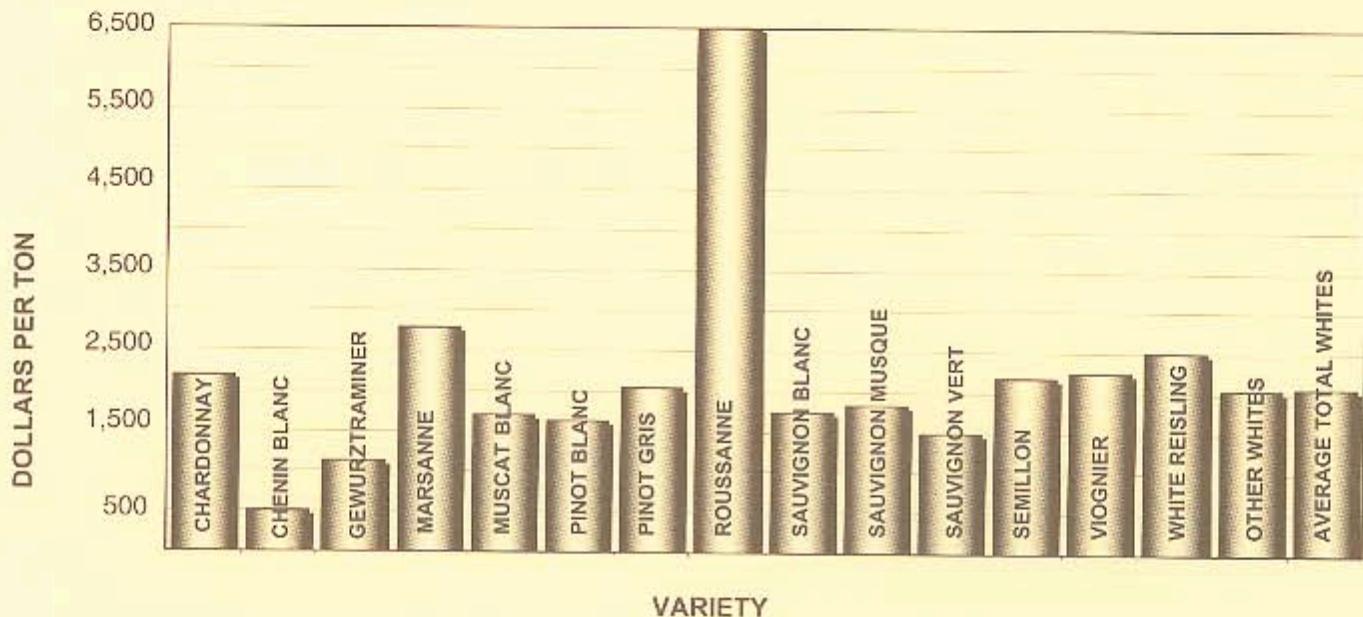
# WHITE VARIETIES 2006

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
CHARDONNAY	6,749	315	7,064	26,614.8	\$2,182.98
CHENIN BLANC	38	0	38	181.9	511.65
GEWURZTRAMINER	16	0	16	24.5	1,135.44
MARSANNE	10	0	10	49.5	2,777.36
MUSCAT BLANC	45	10	55	248.8	1,697.07
PINOT BLANC	16	0	16	96.5	1,624.69
PINOT GRIS/GRIGIO	200	62	262	1,074.4	2,034.47
ROUSSANNE	13	19	32	37.9	6,500.00
SAUVIGNON BLANC	2,025	397	2,422	11,438.2	1,745.90
SAUVIGNON MUSQUE	82	12	94	368.5	1,846.58
SAUVIGNON VERT	7	0	7	6.4	1,500.00
SEMILLON	153	19	172	760.6	2,182.28
VOIGNIER	117	6	123	346.0	2,261.01
WHITE RIESLING	138	2	140	489.4	2,494.80
OTHER WHITES*	47	5	52	107.0	2,053.13
<b>TOTAL WHITES</b>	<b>9,656</b>	<b>847</b>	<b>10,503</b>	<b>41,844.4</b>	<b>2,060.27</b>

\*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER WHITES: ALBERINO, CATARRATTO, FLORA, FRENCH COLOMBARD, GRAY RIESLING, GRENACHE BLANC, MALVASIA BIANCA, MONTONICO, MUSCAT ORANGE, MUSCHIEL BLANC, PALOMINO, RIBOLLA, SCHEUREBE, TOCAI FRIULANO, VERDELHO, & VERMENTINO.

\*\*TONNAGE AND PRICE PER TON OBTAINED FROM "FINAL GRAPE CRUSH REPORT 2006 CROP"

## PRICE PER TON COMPARISON FOR WHITE WINEGRAPE VARIETIES



# 2006 AGRICULTURAL REPORT

The Napa County Agricultural Commissioner's mandate to protect agriculture is demonstrated through several important programs. Following are highlights of the work performed during 2006.

## EXCLUSION – NURSERY AND INCOMING SHIPMENT INSPECTIONS

The Glassy-winged Sharpshooter (GWSS) spreads the deadly Pierce's disease to grapevines, so exclusion of the pest from Napa County is a top priority. To that end, we inspect all incoming nursery shipments, whether or not they originate from known infested areas.

Out of state shipments which might harbor other pests of economic importance may be sealed or tagged at the state border. Our office is notified first by the border station and eventually by the owner of the shipment upon receipt. We then visit the delivery site to inspect the shipment.

Pests of concern found within the nursery industry in other parts of the state may trigger "trace forward" investigations. Two such shipments, carrying plants infected with Sudden Oak Death, were discovered in this county in 2006 and subsequently destroyed.

TYPE OF INSPECTION	# OF INSPECTIONS	PEST	# OF INFESTED SHIPMENTS	# OF REJECTIONS
<b>GYPSY MOTH</b> (RESIDENTIAL RELOCATION) ( <i>Lymantria dispar</i> )	17	GM	0	0
<b>GLASSY-WINGED SHARPSHOOTER</b> ( <i>Homalodisca coagulata</i> )	2681	GWSS	6	6
<b>ALL OTHER INCOMING SHIPMENTS</b>	17	VARIOUS	0	0
<b>SUDDEN OAK DEATH</b> ( <i>Phytophthora ramorum</i> )	134	SOD	2	15 PLANTS

## ERADICATION – WEED ERADICATION PROGRAM

Rush Skeleton Weed was first identified over two decades ago at a single location in Napa County. Since then, we have discovered and eradicated two other smaller infestations, but we are still battling the original find and a newer satellite infestation. An extensive infestation of Iberian Starthistle (IBS) in the eastern part of the county was found; due to the diligence of Napa County and CDFA employees, combined with IBS's natural propensity to hybridize with Purple Starthistle, that population is now considered eradicated.

WEED	# OF SITES IN 2006	PROGRESS
<b>IBERIAN STARHISTLE</b> <del>ERADICATED</del> ( <i>Centaurea iberica</i> )	ONE 80-ACRE SITE IN EAST COUNTY	PLANTS ERADICATED OR NATURALLY HYBRIDIZED WITH PURPLE STARHISTLE
<b>RUSH SKELETON WEED</b> ( <i>Chondrilla juncea</i> )	ONE SITE < 3 ACRES TOTAL ONE SITE = 2 PLANTS.	CONTINUE TO DISC, HAND WEED, AND APPLY HERBICIDES.

## DETECTION – SURVEY PROGRAM

One part of our Sudden Oak Death (SOD) program involves surveying for symptomatic vegetation in our wild lands. Suspect plant tissue samples are submitted to the CDFA lab for confirmation.

Vine Mealybug (VMB), a serious pest of winegrapes continues to spread in Napa County. New finds are also confirmed by the state lab. We are still very committed to working with local growers to find ways to eliminate damage caused by VMB.

PEST	NEW CONFIRMATIONS IN 2006	TOTAL CONFIRMED SITES
<b>SUDDEN OAK DEATH</b> ( <i>Phytophthora ramorum</i> )	1	22
<b>VINE MEALYBUG</b> ( <i>Planococcus ficus</i> )	14	53

# 2006 AGRICULTURAL REPORT

## DETECTION – TRAPPING PROGRAM

In partnership with the state, we trap for the following insect species of economic importance: Glassy-winged Sharpshooter, Gypsy Moth, Japanese Beetle, Mediterranean Fruit Fly, Melon Fruit Fly, Oriental Fruit Fly, Vine Mealybug, Western Grapeleaf Skeletonizer, and various exotic fruit flies.

Our Olive Fruit Fly Population Monitoring Program gathers weekly trap count and temperature data throughout the year from four sites spanning the county. We have been working in conjunction with University of California researchers to develop a pest management program.

## WEED AND INSECT BIOCONTROL PROGRAMS

We have also established an active biocontrol program for many common pests. Biocontrol agents are natural enemies that are introduced into the environment to lower pest population levels. A total of 15 different fungi and insects have been released in Napa County for this purpose.

PEST	AGENT/MECHANISM COMMON NAME	AGENT/MECHANISM SCIENTIFIC NAME	SCOPE OF PROGRAM
YELLOW STAR THISTLE	RUST FUNGUS	<i>Puccinia jaceae</i>	5 SITES
	SEED HEAD WEEVIL	<i>Bangasternus orientalis</i>	ESTABLISHED
	PEACOCK FLY	<i>Chaetorellia australis</i>	ESTABLISHED
	GALL FLY	<i>Urophora sirunaseva</i>	ESTABLISHED
	HAIRY WEEVIL	<i>Eustenopus villosis</i>	ESTABLISHED
	FLOWER WEEVIL	<i>Larinus curtus</i>	5 SITES
PUNCTURE VINE	STEM WEEVIL	<i>Microlarinus lypriformis</i>	ESTABLISHED
	SEED WEEVIL	<i>Microlarinus lareynii</i>	ESTABLISHED
MILK THISTLE	SEED HEAD WEEVIL	<i>Rhinocyllus conicus</i>	ESTABLISHED
ITALIAN THISTLE	SEED HEAD WEEVIL	<i>Rhinocyllus conicus</i>	ESTABLISHED
KLAMATH WEED	LEAF-FEEDING FLEA BEETLE	<i>Chrysolina quadrigemina</i>	ESTABLISHED
RUSSIAN THISTLE	CASE BEARING MOTH	<i>Coleophora klimeschiella</i>	9 SITES
ASH WHITE FLY	PARASITIC WASP	<i>Encarsia inaron</i>	ESTABLISHED
RED GUM LERP PSYLLID	PARASITIC WASP	<i>Psyllaephagus bliteus</i>	ESTABLISHED
POISON HEMLOCK	HEMLOCK MOTH	<i>Agonopterix alstroemeriana</i>	ESTABLISHED
PURPLE STAR THISTLE	SEED WEEVIL	<i>Bangasternus fausti</i>	4 SITES

## ORGANIC FARMING STATISTICS

CROP	YEAR	# OF FARMS	PRODUCTION ACRES	GROSS SALES	% ORGANIC SALES	% ALL SALES
WINEGRAPES	2006	61	1,653	\$20,350,000	96.8 %	4.26 %
	2005	57	1,686	14,420,000	98.3 %	2.63 %
OLIVES	2006	9	32	107,000	.5 %	.02 %
	2005	4	4	43,550	.3 %	.01 %
OTHER FRUITS & VEGETABLES	2006	15	40	164,760	.8 %	.03 %
	2005	6	44	110,800	.8 %	.02 %
EGGS AND HONEY	2006	3	n/a	110,660	.5 %	.02 %
	2005	3	n/a	70,200	.5 %	.01 %
CUT FLOWERS & NURSERY STOCK	2006	8	5	285,500	1.4 %	.06 %
	2005	3	2	10,800	.1 %	<.01 %
TOTALS	2006	70	1,809	\$21,017,920	100.0 %	4.39 %
	2005	69	1,738	14,655,350	100.0 %	2.67 %



**NAPA COUNTY**

1710 SOSCOL AVENUE, SUITE #3

NAPA, CA 94559-1315

RETURN SERVICE REQUESTED

**DEPARTMENT OF AGRICULTURE**

**AND**

**WEIGHTS & MEASURES**

PRESORTED  
STANDARD  
US POSTAGE  
PAID  
NAPA CA  
PERMIT NO 3