



A Tradition of Stewardship
A Commitment to Service

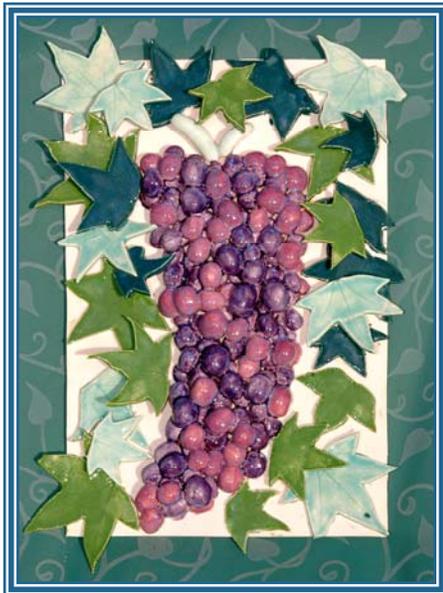
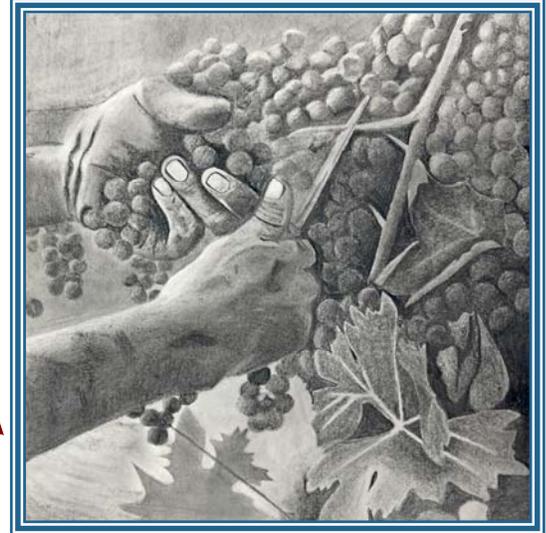
2009 Agricultural Crop Report



2009 Agricultural Crop Report Cover Art Contest

Cover Artist: Sydney Hughes
Title: "Vineyard Hands"
Medium: Pencil Drawing

Sydney is a senior attending Calistoga High School. She enjoys reading, writing, baking, watching a good movie, playing volleyball, and spending time with family and friends.

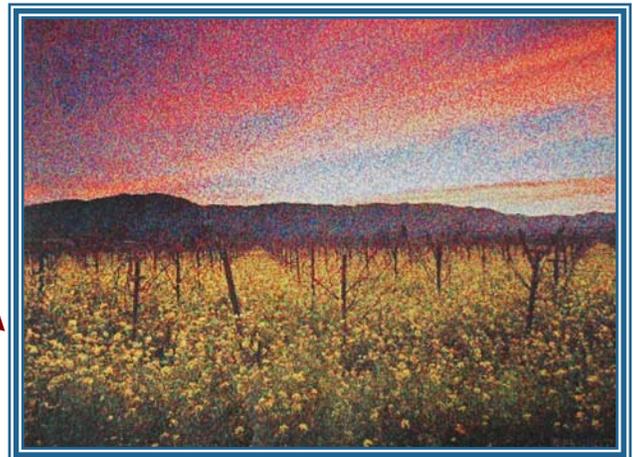


Second Prize Winner: Delana Miller
Title: "The Gems of the Valley"
Medium: Ceramic

A senior at Napa High School, Delana balances her creative and artistic nature with a passion for sports – especially softball. She also loves reading, listening to country music, dancing to Michael Jackson, and dreaming about traveling around the world.

Third Prize Winner: Lexi Baldwin
Title: "Mustard Sunset"
Medium: Photograph

Lexi, a junior attending Vintage High School, lists her interests as swimming, playing water polo, making friendship bracelets, and performing community service.



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" (AITC) program and the Napa County Agricultural Commissioner's Office sponsored this contest. AITC 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:
Frog's Leap Winery, Heitz Winery, Jack L. Davies Ag Land Preservation Fund, and Napa County Farm Bureau.



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Department of Agriculture and Weights and Measures
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April 27, 2010

A. G. Kawamura, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors of Napa County

CHAIR, Diane Dillon – District 3

Brad Wagenknecht – District 1
Bill Dodd – District 4

Mark Luce – District 2
Keith Caldwell – District 5

In compliance with the provisions of Section 2279 of the California Food and Agricultural Code, I hereunder submit this report of the agricultural production for Napa County for calendar year 2009. This report deals with the gross value of production and does not attempt to reflect net farm income or cost of production and marketing.

Gross value of all production was \$502,236,581 – an increase of \$92,970,541 from 2008. This 22.7% increase in gross value was primarily due to an increase in winegrape production. The total value of the winegrape crop was up 23.8% (\$95,105,645), while overall production increased by 27,111 tons, or 23.4%. Floral and nursery crops registered a decrease of 32.1% in value, from \$3,347,700 in 2008 to \$2,272,755 in 2009.

This year's crop report is dedicated to Deputy Ag Commissioner Vicki Kemmerer, who retired in December of 2009 after 20 years of service to Napa County. Among many other duties, Vicki was responsible for overseeing the production of this annual crop report. Her dedication and guiding spirit have set a very high standard for all of us to emulate. She will be greatly missed by her co-workers as well as by members of the agricultural community. Please turn to the centerfold of this report for more highlights and pictures of Vicki's career.

I would like to thank my staff who worked hard to create this report and also to express our appreciation to the producers, processors, government agencies and others who contributed this vital information. Without such a collaborative effort, this report would not be possible.

Respectfully submitted,

A handwritten signature in black ink that reads "David R. Whitmer".

David R. Whitmer
Agricultural Commissioner/Sealer

Mission Statements & Staff

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.

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David R. Whitmer

ASSISTANT AGRICULTURAL COMMISSIONER/SEALER

Greg Clark

DEPUTY AGRICULTURAL COMMISSIONERS

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Jeffrey Erwin

Vicki Kemmerer

DEPUTY SEALER

Joe Croxdale

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SENIOR ACCOUNT CLERK

Candace Fiske

SENIOR OFFICE ASSISTANT

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OFFICE ASSISTANT II

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Tracy Cleveland

Chad Godoy
Craig Graffin
Naomi Greeson
Humberto Izquierdo

Joel King
Greg Music
Sommer Woolley

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Branden Woolley

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Anna Norton
Richard Petkus

Gene Rose
Lisa Stewart

FEDERAL WILDLIFE SERVICES STAFF

Eddie Goymerac

Greg Wamsley

2009 CROP REPORT SUMMARY: CROP AND LIVESTOCK VALUES

FRUIT AND NUT CROPS	2009	\$495,558,444
	2008	\$400,606,100
VEGETABLE CROPS	2009	200,471
	2008	181,100
FLORAL & NURSERY CROPS	2009	2,272,755
	2008	3,347,700
FIELD CROPS	2009	365,610
	2008	351,740*
LIVESTOCK	2009	3,326,224
	2008	3,512,200
POULTRY & OTHER ANIMAL PRODUCTS	2009	513,077
	2008	1,114,600
GRAND TOTAL	2009	\$502,236,581
	2008	\$409,266,040*

Please Note: The amounts 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. Beginning with this report, and due to declining production, timber values will not be reported.

* Corrected value (Grand Total includes timber values)

All Crops & Animal Products 2009

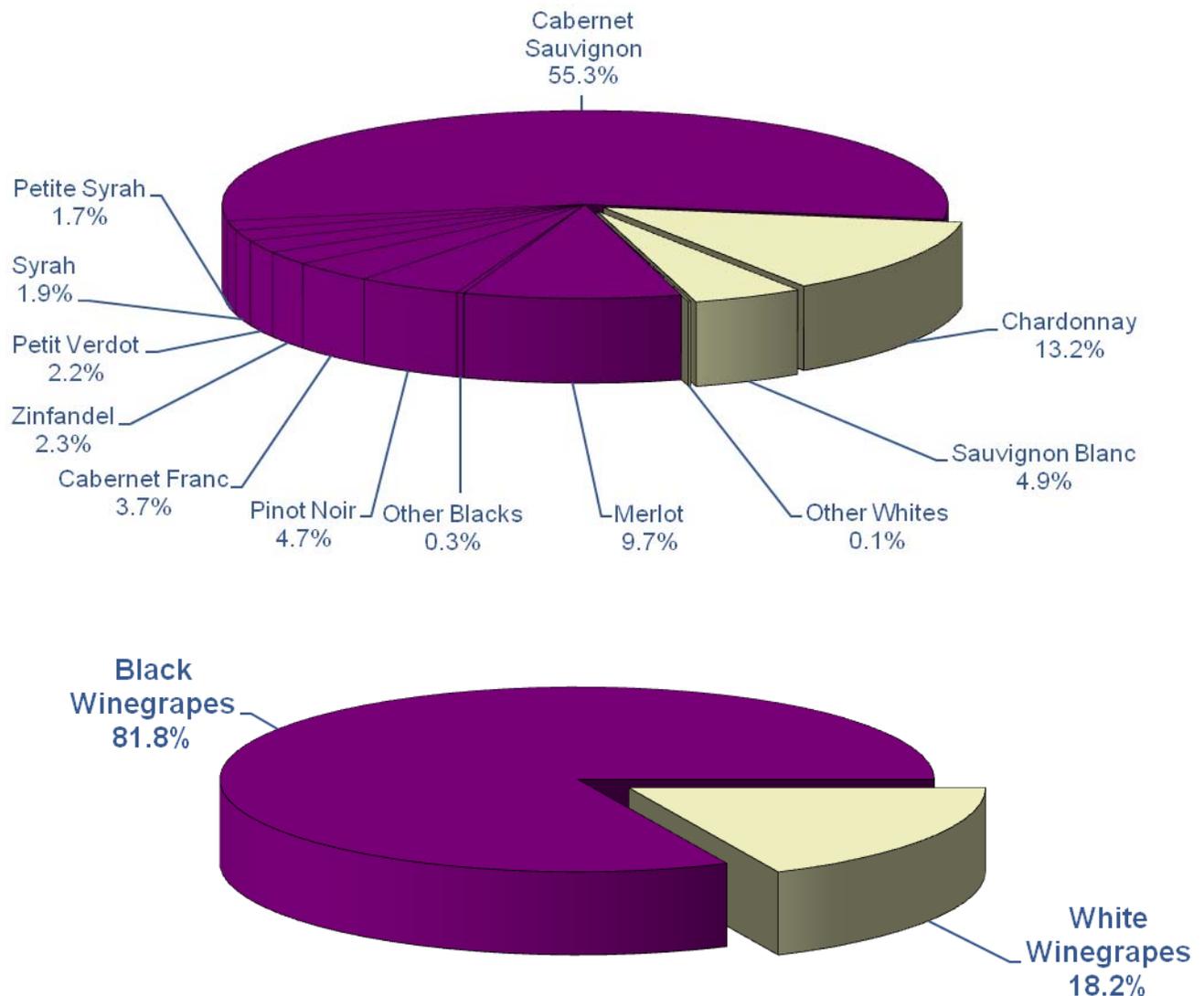
<i>Crop</i>	<i>Year</i>	<i>Producing Acres</i>	<i>Tons/Acre</i>	<i>Total Tonnage</i>	<i>Value In \$</i>	
Black Winegrapes	2009	32,947	3.03	99,680	\$400,358,260	
	2008	32,888	2.43	79,906	\$318,595,000	
White Winegrapes	2009	10,084	4.29	43,296	\$94,660,485	
	2008	9,982	3.60	35,959	\$81,318,100	
Winegrapes (SubTotal)	2009	43,031	3.32	142,976	\$495,018,745	
	2008	42,870	2.70	115,865	\$399,913,100	
Olives	2009	207	1.38	286	\$297, 059	
	2008	244	2.23	544	\$505,100	
Other Fruits & Nuts (Inc. Strawberries & Walnuts)	2009				\$242,640	
	2008				\$187,900	
Total Fruits & Nuts	2009				\$495,558,444	
	2008				\$400,606,100	
Vegetables	2009				\$200,471	
	2008				\$181,100	
Floral & Nursery	2009				\$2,272,755	
	2008				\$3,347,700	
		<i>Acres</i>	<i>Yield / Acre</i>	<i>Tons</i>	<i>\$ per Ton</i>	
Oat Hay	2009	283	2.0	566	60.00	\$33,960
	2008	157	2.0	314	160.00*	\$50,240*
Pasture and Rangeland	2009	95,000				\$331,650
	2008	95,000				\$301,500
Total Field Crops	2009					\$365,610
	2008					\$351,740*
		<i>Production in CWT**</i>			<i>\$ per CWT**</i>	
Cattle and Calves	2009	30,907			104.00	\$3,214,351
	2008	31,176			84.70	\$3,398,200
Sheep and Lambs	2009	699			90.60	\$63,335
	2008	724			90.60	\$65,600
Other Livestock	2009					\$48,538
	2008					\$48,400
Total Livestock	2009					\$3,326,224
	2008					\$3,512,200
Poultry & Other Animal Products	2009					\$513,077
	2008					\$1,114,600

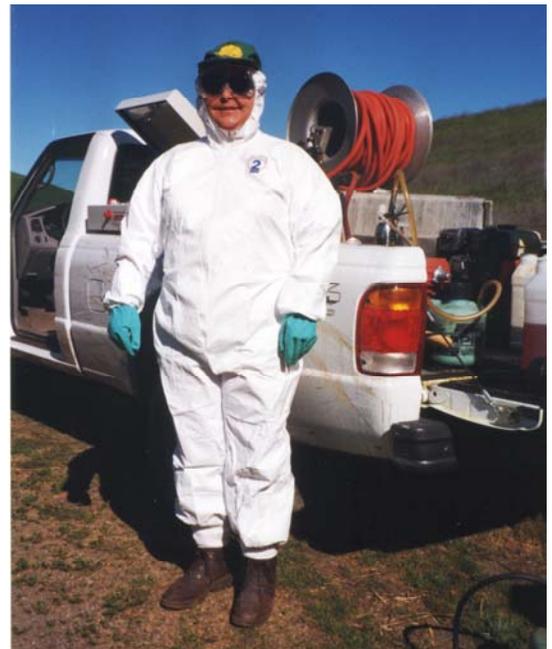
* Corrected Value
** CWT = 100 pounds

All Winegrapes 2009

<i>Winegrapes</i>	<i>Bearing Acres</i>	<i>Non-bearing Acres</i>	<i>Total Acres</i>	<i>Tons</i>	<i>Average Price Per Ton</i>
Black Varieties	32,947	2,225	35,172	99,680	\$3,212.32
White Varieties	10,084	686	10,770	43,296	\$2,117.77
Totals	43,031	2,911	45,942	142,976	\$2,865.70

PERCENTAGE OF TOTAL VALUE OF ALL VARIETALS





Vicki Kemmerer Retires After a Long and Productive Career

Vicki Kemmerer retired from the Napa County Department of Agriculture in December of 2009 after more than 20 years of service. She began her career with Napa County in 1989 as an Agricultural Biologist assigned to the pesticide use enforcement program. Vicki played an integral role in the launch of the 100% pesticide use reporting program in 1990 and with the development of early computer programs for pesticide permitting and use reporting.

In 1996, she was promoted to Deputy Agricultural Commissioner to oversee the pesticide use enforcement program. Her strong support of the Hands-On Training program, which started in 1994, exemplified her passion for making sure people and the environment were protected from any adverse effects from pesticides. Working with other staff members, she helped lay the foundation for the many current training sessions that provide valuable information to both English and Spanish-speaking members of the county's agricultural industry. Vicki also provided direction to department staff in publishing the first *Ag Rag* newsletter in 1998.

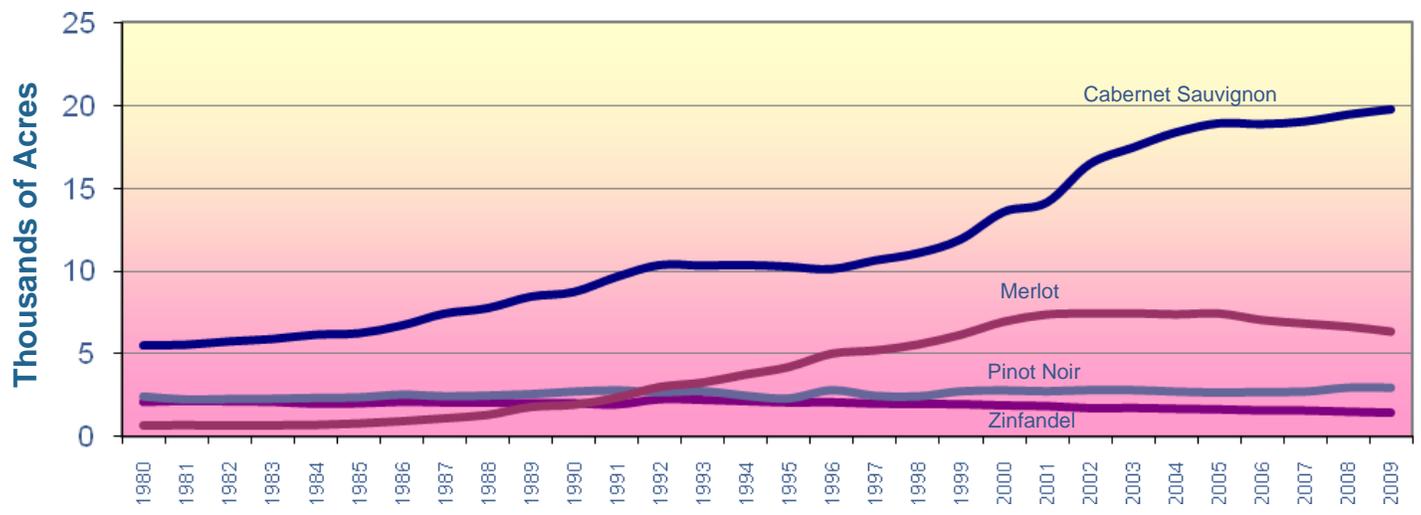
In 2003, Vicki assumed responsibility for the Pest Detection and Exclusion programs. She directed staff to implement the state mandated insect trapping program and also managed the weed eradication and control programs. She spearheaded work on the Light Brown Apple Moth quarantine program and began to develop efforts on the European Grapevine Moth project prior to her retirement. In 2004, her work to improve the quality of the annual *Napa County Crop Report* led to the crop report cover contest open to all Napa County middle and high school students. The contest, now in its sixth year, was the result of cooperation between the Ag Department and Napa County Farm Bureau's "Ag in the Classroom" program.

Vicki was known for her computer skills, and she was always eager to help her fellow staff members. She was the "go to" person if you needed help with a spreadsheet or teasing out valuable information from our pesticide use permitting database.

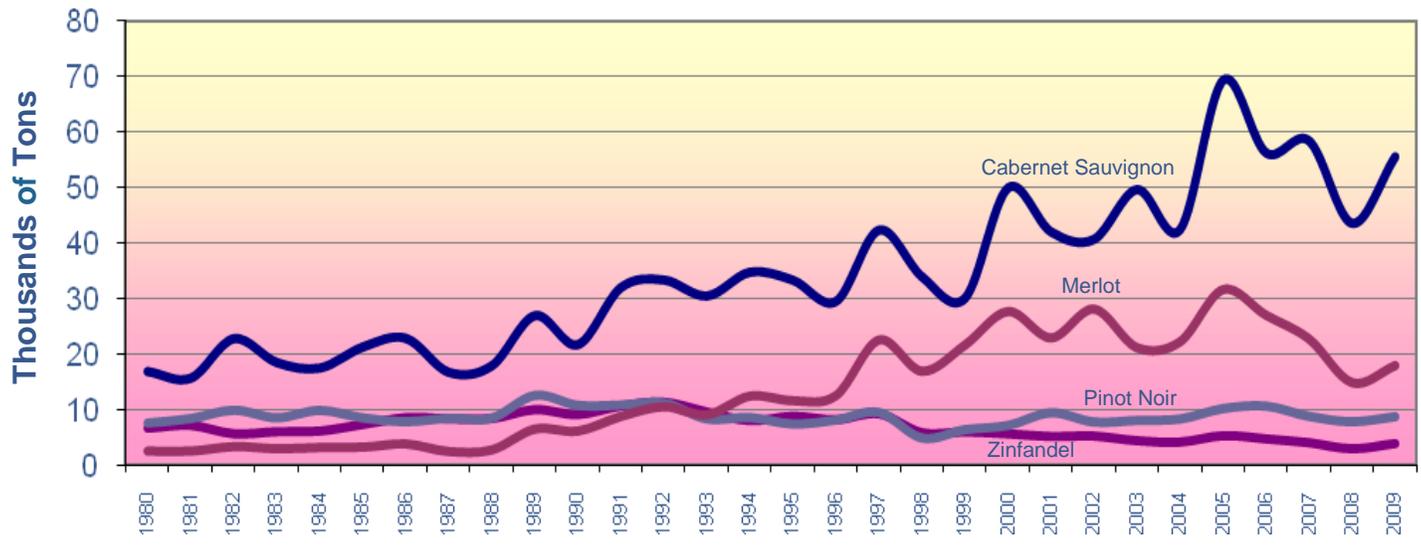
Vicki was passionate about her work and compassionate towards her fellow staff members and their kids. She was known to set little treats on her workmates' desks during holidays throughout the year, and she organized many staff social events, including her famous latke breakfasts and yearly holiday food drive. Her great compassion for pets of all kinds led to several dog rescue trips in which she legally brought pets from developing countries and found caring homes for them here in this country.

In her retirement, Vicki will pursue new endeavors in her home state of Ohio. She will be greatly missed by both her Ag Department friends and the agricultural community that she served so diligently through the years.

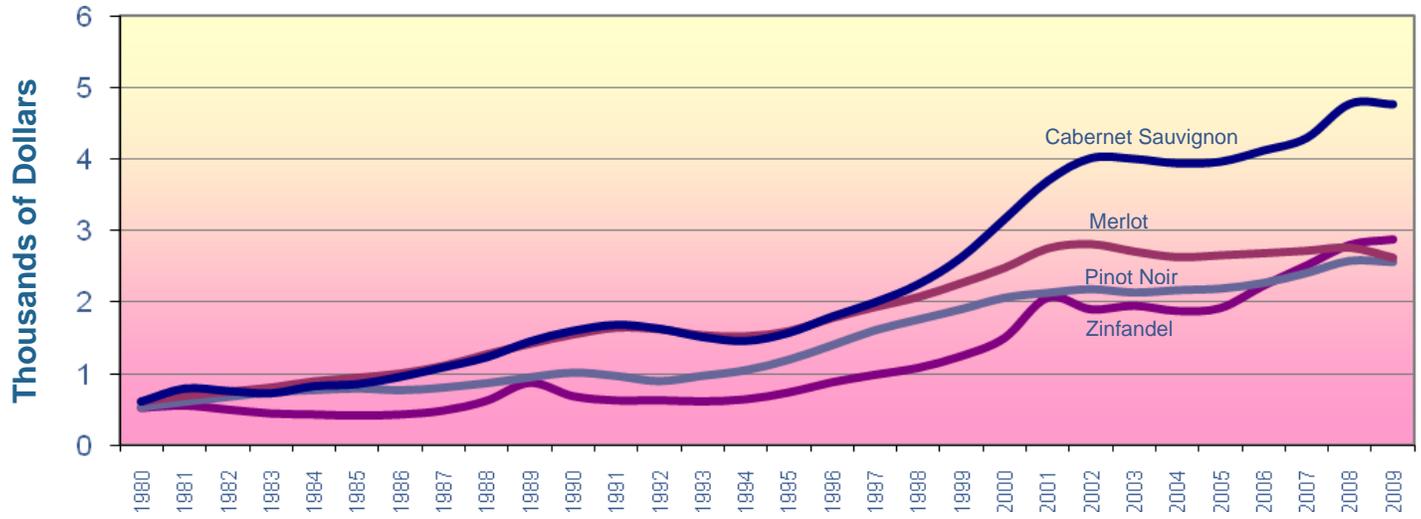
Total Black Winegrape Acreage 1980-2009



Total Black Winegrape Tonnage 1980-2009



Price Per Ton of Black Winegrapes 1980-2009



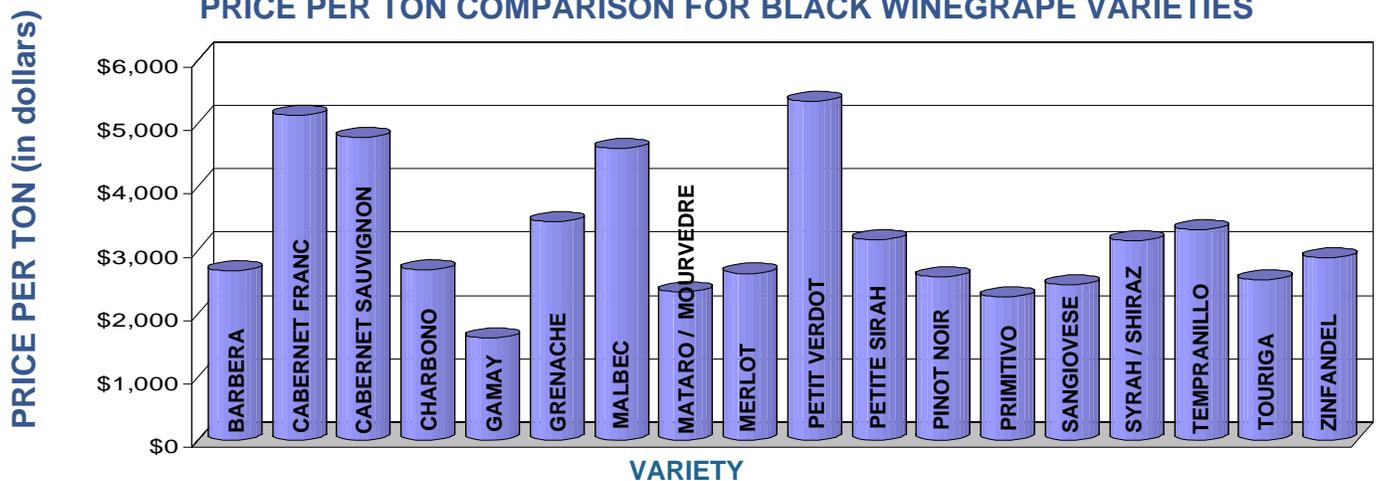
Black Winegrape Varieties 2009

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
BARBERA	11	1	11	47.8	\$2,662.98
CABERNET FRANC	1,094	119	1,213	3,499.3	5,115.54
CABERNET SAUVIGNON	18,219	1,550	19,769	55,536.9	4,772.84
CHARBONO	47	2	50	161.7	2,682.02
GAMAY (NAPA)	19	0	19	73.3	1,600.07
GRENACHE	17	2	19	110.6	3,442.25
MALBEC	302	65	367	749.9	4,605.92
MATARO	16	0	16	18.2	2,337.23
MERLOT	6,233	116	6,349	17,954.0	2,628.38
PETIT VERDOT	567	134	701	1,946.8	5,339.12
PETITE SIRAH	695	60	755	2,570.2	3,156.62
PINOT NOIR	2,833	99	2,932	8,705.6	2,571.03
PRIMITIVO	36	0	36	72.5	2,254.91
SANGIOVESE	284	4	287	626.7	2,441.61
SYRAH	1,007	33	1,040	2,884.2	3,142.93
TEMPRANILLO	28	1	29	124.5	3,317.58
TOURIGA NACIONAL	18	1	19	59.2	2,519.47
ZINFANDEL	1,403	32	1,435	3,957.3	2,880.11
OTHER BLACKS*	118	7	125	581.00	\$3,563.48
TOTAL BLACKS	32,947	2,225	35,172	99,679.7	\$3,192.81

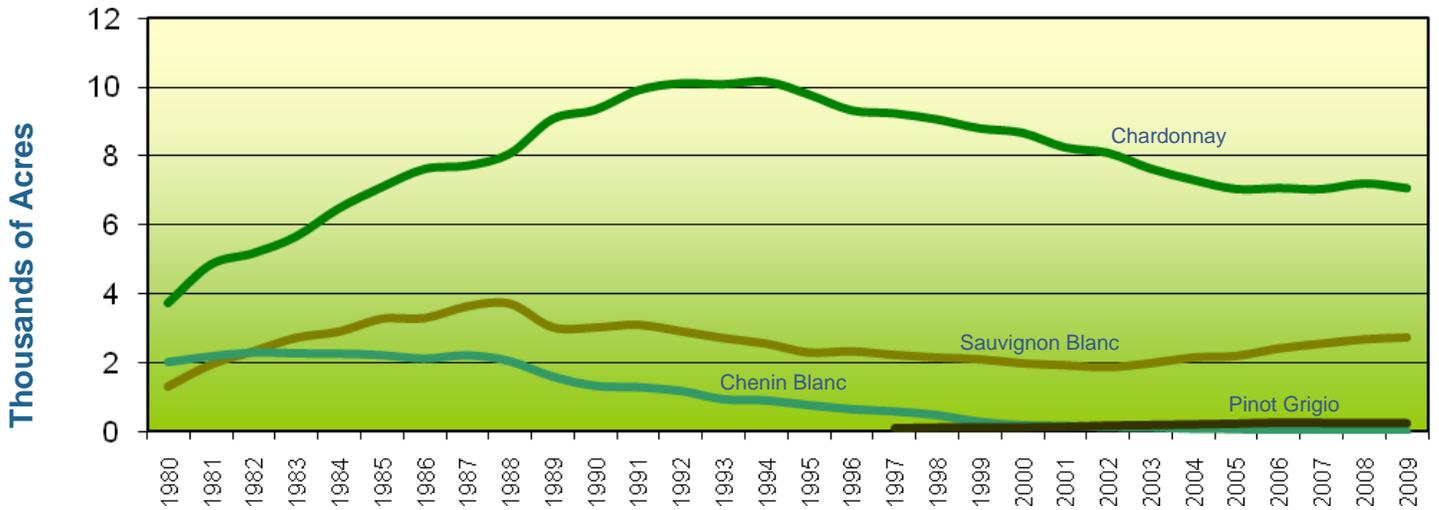
*THE FOLLOWING VARIETIES ARE INCLUDED IN "OTHER BLACKS": AGLIANICO, ALEATICO, ALICANTE BOUCHET, ALVARELHAO, BLAUFRANKISCH, BRUNELLO, CARIGNANE, CARMENERE, CORVINA, COUNOISE, DOLCETTO, EARLY BURGUNDY, FREISA, GAMAY BEAUJOLAIS, GRACIANO, GRIGNOLINO, MONTEPULCIANO, MUSCAT HAMBURG, NEBBIOLO, NERO D'AVOLA, PELOURSIN, PINOTAGE, PORT, REFOSCO/MONDEUSE, ROSSINI, RUBIRED, SAGRANTINO, ST. MACAIRE, SOUZA, TANNAT, TINTA CAO, TINTA MADEIRA, AND VERDELHO TINTO.

**TONNAGE AND PRICE PER TON OBTAINED FROM FINAL GRAPE CRUSH REPORT 2009 CROP.

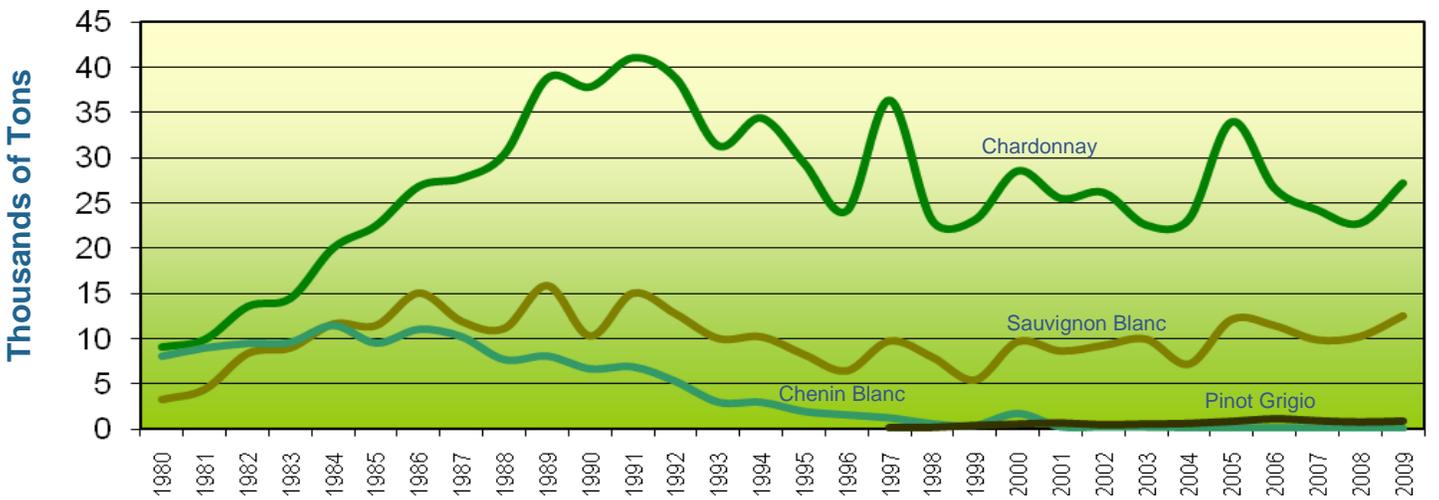
PRICE PER TON COMPARISON FOR BLACK WINEGRAPE VARIETIES



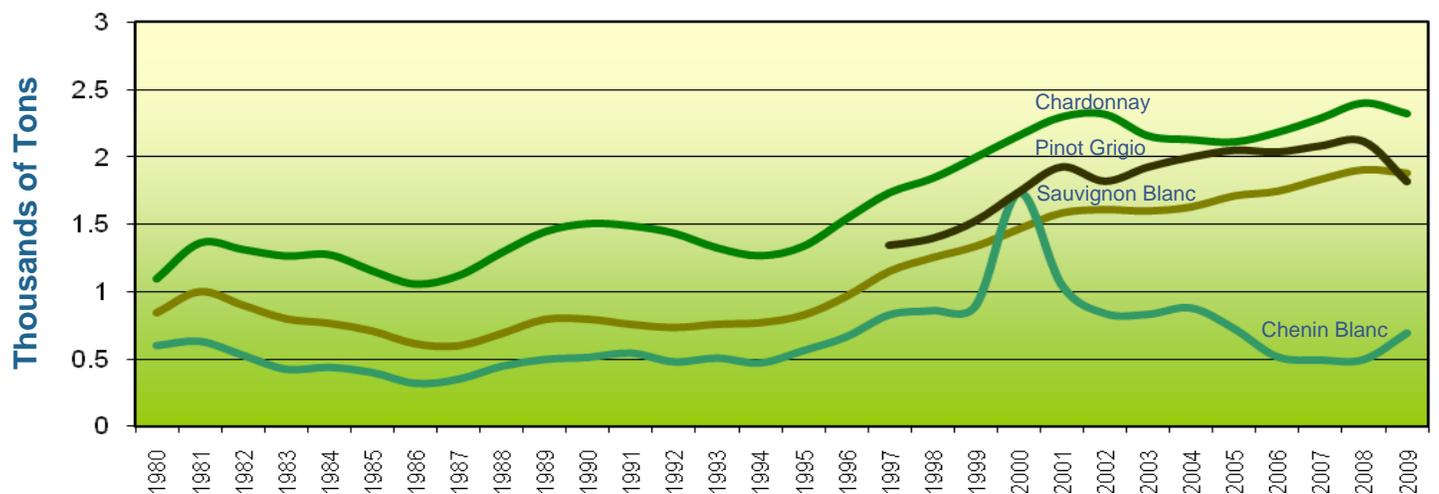
Total White Winegrape Acreage 1980-2009



Total White Winegrape Tonnage 1980-2009



Price Per Ton of White Winegrapes 1980-2009



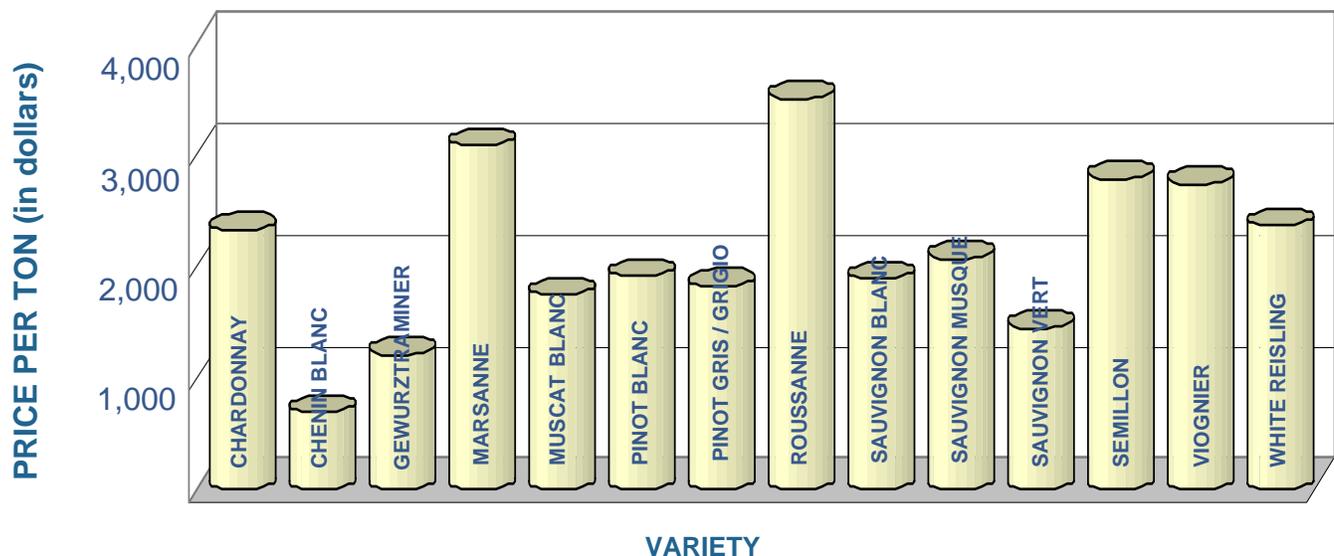
White Winegrape Varieties 2009

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
CHARDONNAY	6,695	370	7,065	27,185.7	\$2,321.39
CHENIN BLANC	20	4	24	95.5	687.81
GEWURZTRAMINER	13	2	15	14.3	1,200.00
MARSANNE	10	1	11	47.7	3,072.99
MUSCAT BLANC	55	7	61	325.5	1,734.70
PINOT BLANC	16	0	16	83.7	1,907.98
PINOT GRIS / GRIGIO	240	6	246	860.4	1,816.20
ROUSSANNE	11	3	14	47.4	3,500.00
SAUVIGNON BLANC	2,479	262	2,741	12,513.6	1,880.22
SAUVIGNON MUSQUE	92	7	99	265.4	2,065.88
SAUVIGNON VERT	6	0	6	4.1	1,441.26
SEMILLON	163	10	173	719.9	2,778.80
VOIGNIER	106	6	112	337.4	2,732.29
WHITE RIESLING	134	8	142	556.9	2,360.60
OTHER WHITES*	45	1	45	230.3	2,184.22
TOTAL WHITES	10,084	686	10,770	43,295.6	\$2,113.34

*THE FOLLOWING VARIETIES ARE INCLUDED IN "OTHER WHITES": ALBERINO, FLORA, FRENCH COLOMBARD, GRAY RIESLING, GREEN HUNGARIAN, GRENACHE BLANC, MALVASIA BIANCA, MONTONICO, MUSCAT ORANGE, MUSCHEL BLANC, PALOMINO/GOLDEN CHASSELAS, RIBOLLA GIALLA, SCHEUREBE, TOCAI FRIULANO, VERDELHO, AND VERMENTINO.

**TONNAGE AND PRICE PER TON OBTAINED FROM FINAL GRAPE CRUSH REPORT 2009 CROP.

PRICE PER TON COMPARISON FOR WHITE WINEGRAPE VARIETIES



2009 Agricultural Crop 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 2009.

EXCLUSION – NURSERY AND INCOMING SHIPMENT INSPECTIONS

The Glassy-winged Sharpshooter (GWSS) spreads the bacterium *Xylella fastidiosa*, which causes the deadly Pierce's disease in 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 GWSS-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.

Type of Inspection	# of Inspections	Pest	# of Infested Shipments	# of Rejections
Gypsy Moth (residential relocation) (<i>Lymantria dispar</i>)	10	GM	0	0
Glassy-winged Sharpshooter (<i>Homalodisca vitripennis</i>)	2,056	GWSS	1	1
All Other Incoming Shipments	11	Various	0	0
Sudden Oak Death (<i>Phytophthora ramorum</i>)	68	SOD	0	0

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.

Weed	# of Sites in 2009	Progress
Rush Skeleton Weed (<i>Chondrilla juncea</i>)	2	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 California Department of Food and Agriculture 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 2009	Total Confirmed Sites
Sudden Oak Death (<i>Phytophthora ramorum</i>)	1	27
Vine Mealybug (<i>Planococcus ficus</i>)	10	78

2009 Agricultural Crop Report

PEST DETECTION – TRAPPING PROGRAM

In partnership with the state for many years, Napa County has deployed and monitored traps for the following insect species of economic importance: Glassy-winged Sharpshooter, Vine Mealybug, Western Grapeleaf Skeletonizer, Gypsy Moth, Light Brown Apple Moth, Japanese Beetle, Mediterranean Fruit Fly, Melon Fly, Oriental Fruit Fly, and other exotic fruit flies. An extensive cropland trapping program for European Grapevine Moth (EGVM) was initiated in October of 2009 after its presence was confirmed in several local vineyards – the first ever documented finds in North America. EGVM poses a very significant threat to our winegrape industry.

WEED AND INSECT BIOCONTROL PROGRAMS

An active biocontrol program has been established to deal with many common pests. Biocontrol agents are natural enemies that are introduced into the environment to lower pest population levels.

Pest	Agent/Mechanism Common Name	Agent/Mechanism Scientific Name	Scope of Program
Yellow Starthistle	Seed Head Weevil	<i>Bangasternus orientalis</i>	Established
	Peacock Fly / False Peacock Fly	<i>Chaetorellia australis</i> / <i>C. succinea</i>	Established
	Gall Fly	<i>Urophora sirunaseva</i>	Established
	Hairy Weevil	<i>Eustenopus villosis</i>	Established
	Flower Weevil	<i>Larinus curtus</i>	5 Sites
	Stem Weevil	<i>Microlarinus lypriformis</i>	Established
Puncture Vine	Seed Weevil	<i>Microlarinus laerynii</i>	Established
	Seed Head Weevil	<i>Rhinocyllus conicus</i>	Established
Milk Thistle	Seed Head Weevil	<i>Rhinocyllus conicus</i>	Established
Italian Thistle	Leaf-feeding Flea Beetle	<i>Chrysolina quadrigemina</i>	Established
Klamath Weed	Case Bearing Moth	<i>Coleophora klimeschiella</i>	9 sites
Russian Thistle	Parasitic Wasp	<i>Encarsia inaron</i>	Established
Ash White Fly	Parasitic Wasp	<i>Psyllaephagus bliteus</i>	Established
Red Gum Lerp Psyllid	Hemlock Moth	<i>Agonopterix alstroemeriana</i>	Established
Poison Hemlock	Seed Weevil	<i>Bangasternus fausti</i>	4 Sites
Purple Starthistle	Flower Weevil	<i>Larinus minutus</i>	2 Sites
Salt Cedar / Tamarisk	Salt Cedar Beetle	<i>Diorhabda elongata</i>	1 Site

ORGANIC FARMING STATISTICS

Crop	Year	# of Farms	Production Acres	Gross Sales	% Organic Sales	% All Sales
Winegrapes	2009	100	2,751	\$22,799,300	98.02	4.54
	2008	88	2,490	\$20,308,700	97.85	4.96
Olives	2009	17	29	28,000	0.12	.01
	2008	16	29	87,800	.42	.02
Other Fruits & Vegetables	2009	7	40	61,500	.26	.01
	2008	9	40	50,300	.24	.01
Eggs and Honey	2009	2	n/a	5,300	0.02	.00
	2008	2	n/a	8,800	.04	.00
Cut Flowers & Nursery Stock	2009	6	7	365,300	1.57	.07
	2008	7	7	298,600	1.44	.07
Totals	2009	132	2,827	\$23,259,400	100.0	4.63
	2008	103	2,566	\$20,754,200	100.0	5.07



A Tradition of Stewardship
A Commitment to Service

NAPA COUNTY

**Department of Agriculture and Weights & Measures
1710 Soscol Avenue, Suite #3
Napa, CA 94559-1315**

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