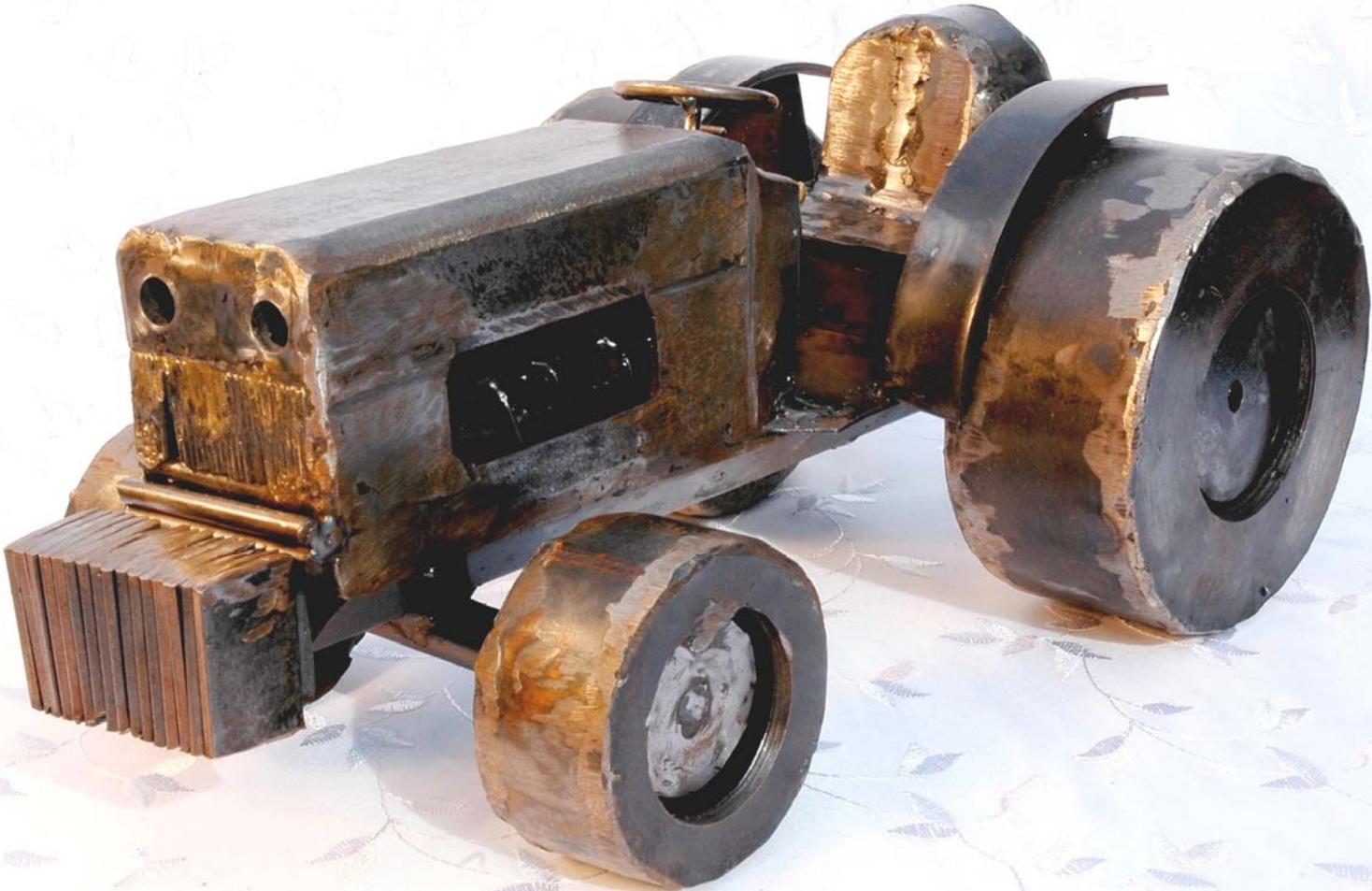




A Tradition of Stewardship  
A Commitment to Service

# 2008 Agricultural Crop Report



# 2008 Agricultural Crop Report Cover Art Contest

**Cover Artist: William Brazelton**  
**Title: "Tractor"**  
**Medium: Metal Fabrication**

William is a junior attending Napa High School. He enjoys hiking, backpacking, woodcarving, playing guitar, and working on cars. William's 3-dimensional work is the first winner in the 5-year history of the contest other than an acrylic painting.



**Second Prize Winner: Emily Meehan**  
**Title: "Bob Ross Would Be Proud"**  
**Medium: Acrylic paint**

A senior at New Tech High School, Emily , loves the world of art, fashion, dancing, and listening to music. Her paintings have also placed second in each of the previous two crop report cover contests.

**Third Prize Winner: Kathleen Cantu**  
**Title: "Just Another Day"**  
**Medium: Acrylic Paint**

Kathleen, a senior attending New Tech High School, placed first in the 2007 crop report cover contest. "Painting and drawing are my passions," she has enthusiastically proclaimed.



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: *Michael Wolf Vineyard Services, Mary Novak/Spottswoode Winery, and Pina Vineyard Management.*

Look for thumbnail images of other contest entries scattered throughout the pages of this crop report.



A Tradition of Stewardship  
A Commitment to Service

Department of Agriculture and Weights and Measures  
1710 Soscol Avenue, Suite 3, Napa, CA 94559  
www.co.napa.ca.us

Main: (707) 253-4357  
Fax: (707) 253-4881  
Toll Free: (877) 279-2980

April 7, 2009

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

CHAIR, Mark Luce – District 2

Brad Wagenknecht – District 1  
Bill Dodd – District 4

Diane Dillon–District 3  
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 2008. 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 \$409,275,500 – a decrease of \$72,869,200 from 2007. This 15.1% decrease in gross value was primarily due to a decrease in winegrape and nursery production. The total value of the winegrape crop was down 15.4% (\$72,693,500), while overall production decreased by 29,247.5 tons, or 20.2%. Floral and nursery crops registered a decrease of 10.3% in value, from \$3,732,600 in 2007 to \$3,347,700 in 2008.

This year's crop report is dedicated to the youth of Napa County and our next generation of farmers. These pages feature impressive artwork and essay contest submissions by local elementary, middle and high school students. Be sure to check out the inspiring results that St. Helena High School students achieved with their research projects at the National Future Farmers of America Convention.

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.

## 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

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### SENIOR ACCOUNT CLERK

Candace Fiske

### SENIOR OFFICE ASSISTANT

Arlene Parker

### OFFICE ASSISTANT II

Terrie Burnett  
Teresa Sanchez

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Jose Chang  
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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Terry Keiser

Toosdi Malito  
Anna Norton  
Richard Petkus

Gene Rose  
Lisa Stewart

## FEDERAL WILDLIFE SERVICES STAFF

Eddie Goymerac

Greg Wamsley



# 2008 CROP REPORT SUMMARY: CROP AND LIVESTOCK VALUES

FRUIT AND NUT CROPS	<b>2008</b>	<b>\$400,606,100</b>
	2007	\$473,537,500
VEGETABLE CROPS	<b>2008</b>	<b>181,100</b>
	2007	360,800
FLORAL & NURSERY CROPS	<b>2008</b>	<b>3,347,700</b>
	2007	3,732,600*
FIELD CROPS	<b>2008</b>	<b>361,200</b>
	2007	327,700
TIMBER	<b>2008</b>	<b>152,600</b>
	2007	156,100
LIVESTOCK	<b>2008</b>	<b>3,512,200</b>
	2007	3,266,800
POULTRY & OTHER ANIMAL PRODUCTS	<b>2008</b>	<b>1,114,600</b>
	2007	803,200
<b>GRAND TOTAL</b>	<b>2008</b>	<b>\$409,275,500</b>
	2007	\$482,144,700*

\* Corrected value

*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.*





# All Crops & Animal Products 2008



<i>Crop</i>	<i>Year</i>	<i>Producing Acres</i>	<i>Tons/Acre</i>	<i>Total Tonnage</i>	<i>Value In \$</i>	
Black Winegrapes	<b>2008</b>	<b>32,888</b>	<b>2.43</b>	<b>79,905.7</b>	<b>\$318,595,000</b>	
	2007	32,699	3.3	107,580.3	\$391,642,500	
White Winegrapes	<b>2008</b>	<b>9,982</b>	<b>3.6</b>	<b>35,958.5</b>	<b>81,318,100</b>	
	2007	9,639	3.9	37,531.4	80,964,100	
Winegrapes (SubTotal)	<b>2008</b>	<b>42,870</b>	<b>2.7</b>	<b>115,864.2</b>	<b>\$399,913,100</b>	
	2007	42,338	3.4	145,111.7	\$472,606,600	
Olives	<b>2008</b>	<b>244</b>	<b>2.23</b>	<b>544.1</b>	<b>505,100</b>	
	2007	233	4.27	994.9	633,700	
Other Fruits & Nuts (Inc. Strawberries & Walnuts)	<b>2008</b>				<b>187,900</b>	
	2007				297,200	
<b>Total Fruits &amp; Nuts</b>	<b>2008</b>				<b>\$400,606,100</b>	
	2007				\$473,537,500	
<b>Vegetables</b>	<b>2008</b>				<b>\$181,100</b>	
	2007				\$360,800	
<b>Floral &amp; Nursery</b>	<b>2008</b>				<b>\$3,347,700</b>	
	2007				*\$3,732,600	
		<i>Acres</i>	<i>Yield / Acre</i>	<i>Tons</i>	<i>\$ per Ton</i>	
Oat Hay	<b>2008</b>	<b>157</b>	<b>2.0</b>	<b>314</b>	<b>190.11</b>	<b>\$59,700</b>
	2007	188	1.49	279	171.88	\$48,000
Pasture and Rangeland	<b>2008</b>	<b>95,000</b>				<b>301,500</b>
	2007	95,000				279,700
<b>Total Field Crops</b>	<b>2008</b>					<b>361,200</b>
	2007					\$327,700
		<i>Volume in MBF</i>			<i>\$ per MBF**</i>	
<b>Timber</b>	<b>2008 (3-Year Average)</b>		<b>446</b>		<b>3.42</b>	<b>\$152,600</b>
	2007 (3-Year Average)		436		3.58	\$156,100
		<i>Production in CWT</i>		<i>Unit</i>	<i>\$ per CWT***</i>	
Cattle and Calves	<b>2008</b>	<b>31,176</b>		<b>CWT</b>	<b>84.70</b>	<b>\$3,398,200</b>
	2007	28,972		CWT	109.00	\$3,158,000
Sheep and Lambs	<b>2008</b>	<b>724</b>		<b>CWT</b>	<b>90.60</b>	<b>65,600</b>
	2007	675		CWT	90.50	61,100
Other Livestock	<b>2008</b>					<b>48,400</b>
	2007					47,700
<b>Total Livestock</b>	<b>2008</b>					<b>\$3,512,200</b>
	2007					\$3,266,800
<b>Poultry &amp; Other Animal Products</b>	<b>2008</b>					<b>\$1,114,600</b>
	2007					\$803,200

\* Corrected value  
 \*\* MBF = 1,000 board feet  
 \*\*\* CWT = 100 pounds

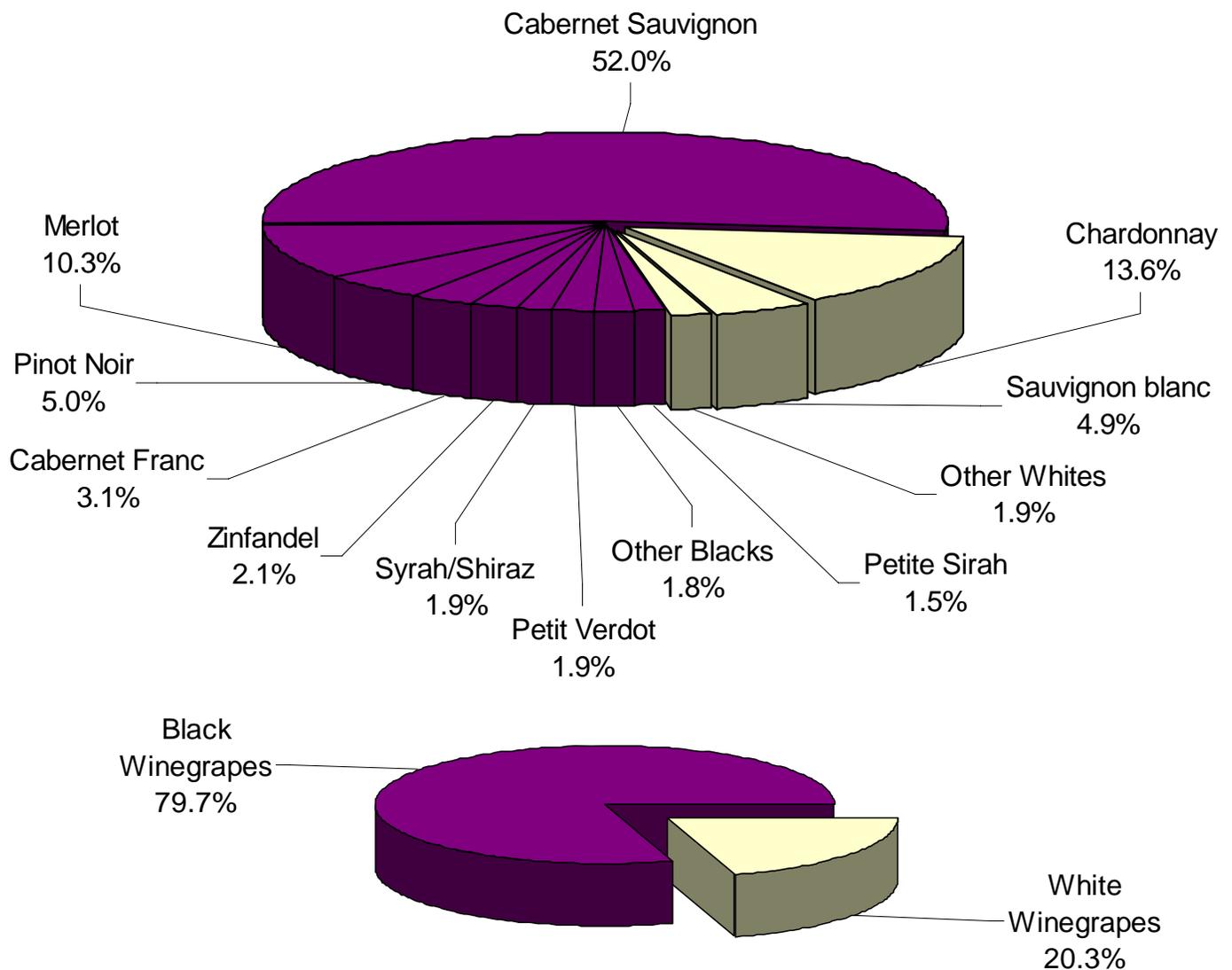


# All Winegrapes 2008



Winegrapes	Bearing Acres	Non-bearing Acres	Total Acres	Tons	Average Price Per Ton
Black Varieties	32,888	2,214	35,102	79,905.7	\$3,987.14
White Varieties	9,982	850	10,832	35,958.5	\$2,261.44
<b>Totals</b>	<b>42,870</b>	<b>3,064</b>	<b>45,934</b>	<b>115,864.2</b>	<b>\$3,451.57</b>

## PERCENTAGE OF TOTAL VALUE OF ALL VARIETALS OVER 1% OF 2008 HARVEST



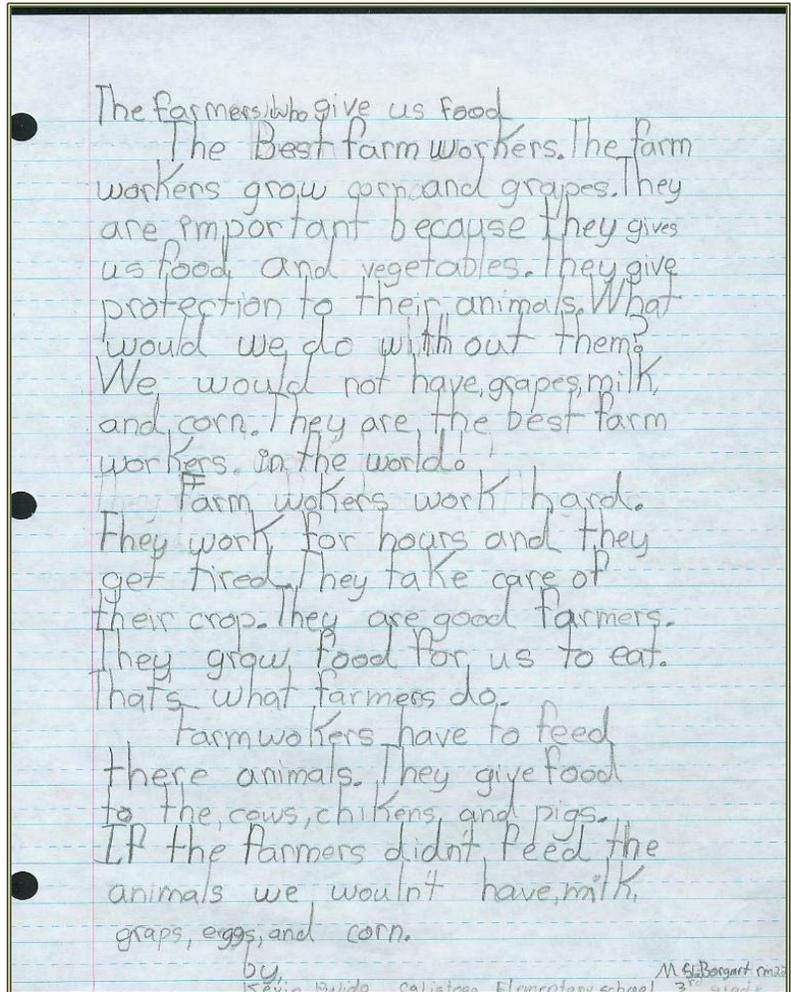
**“Celebrate Napa  
Agriculture”  
Art and Essay Contest**

Open to all local 3<sup>rd</sup> and 4<sup>th</sup> grade students, this artwork and writing contest was coordinated and funded by the Napa County Farm Bureau’s “Ag in the Classroom” (AITC) program. AITC is committed to educating young people and raising awareness about the prominent role that agriculture plays in our everyday lives.

The entrants were asked to describe or depict the importance of local people who work in agriculture. All entries received a ribbon, and each first place winner was also rewarded with a \$50 prize. This year both winners attended Mrs. Bogart’s 3<sup>rd</sup> grade class at Calistoga Elementary School.

**Author:  
Kevin Pulido**

**Artist:  
Jasper Thienes**



Logan Santillano and Cassy Crawford placed second in the Environmental Science category.



Kelcey Saldivar and AJ Hansen won first place in the category of Zoology.

David Whalin and Liam VanKuren took third place in the category of Engineering.



## St. Helena High School Excels at National Agriscience Fair

As part of the 81<sup>st</sup> Annual National Future Farmers of America Convention held in Indianapolis in October of 2008, the National Agriscience Fair competition showcased the impressive research projects of ten SHHS students enrolled in the college prep Ag Sciences program. The efforts of our local participants resulted in first-, second-, third-, and fourth-place awards and focused on the following diverse topics: controlling olive fruit fly using nematodes, comparing the ability of various ground covers to reduce hillside erosion, turning ag waste products into a viable alternative energy source, measuring Omega-3 levels in chickens with different diets, and comparing the effectiveness of a new biological control agent with commonly used fungicides.

Congratulations are extended to the award recipients for producing such outstanding work as well as to the program faculty for fostering these fine research efforts!



Amaury Avalos and Hadley Bickford took fourth place in the Biochemistry category.

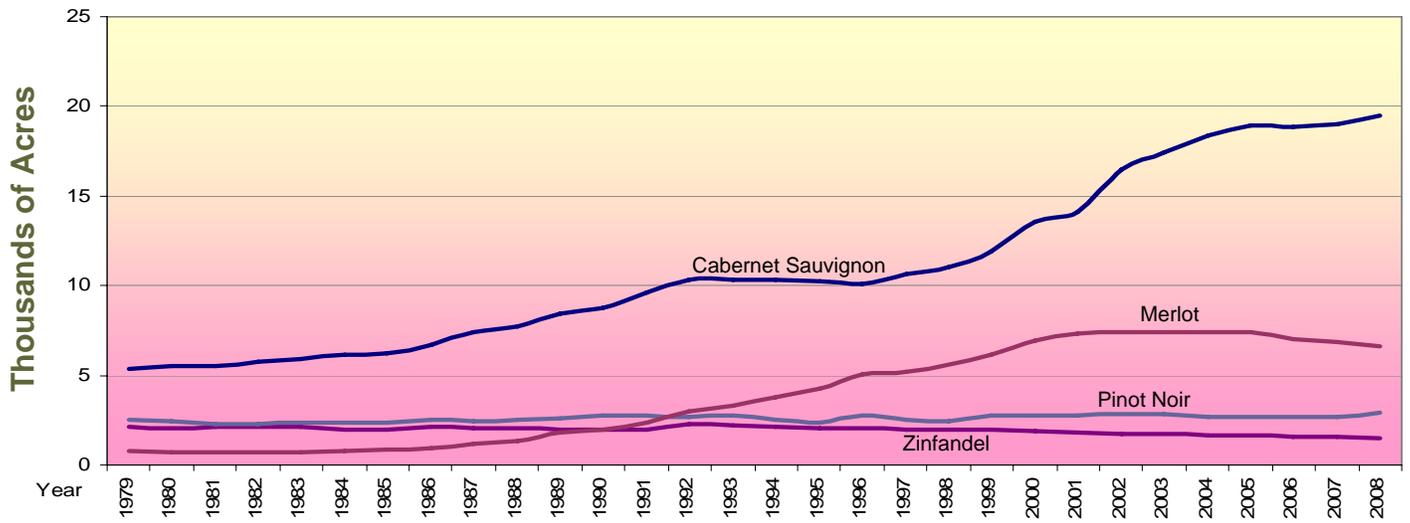


Emily Lider and Marissa Moreno placed fourth in the category of Botany.

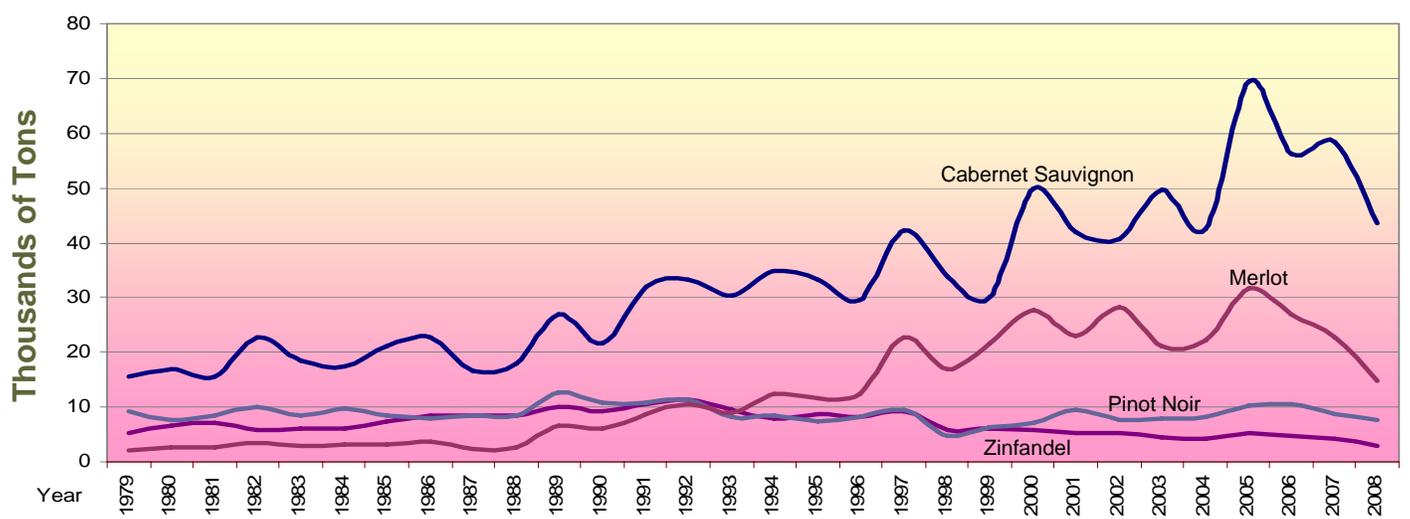
SHHS faculty member Laura Mendes is flanked by her award winning team of students.



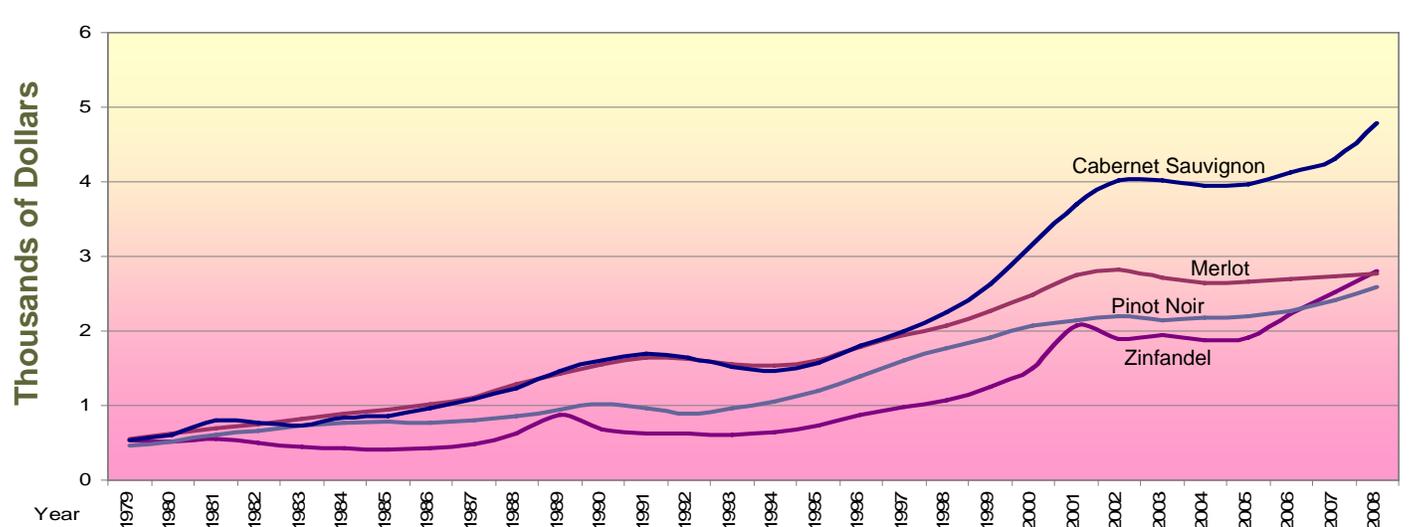
**Total Black Winegrape Acreage 1979-2008**



**Total Black Winegrape Tonnage 1979-2008**



**Price Per Ton of Black Winegrapes 1979-2008**





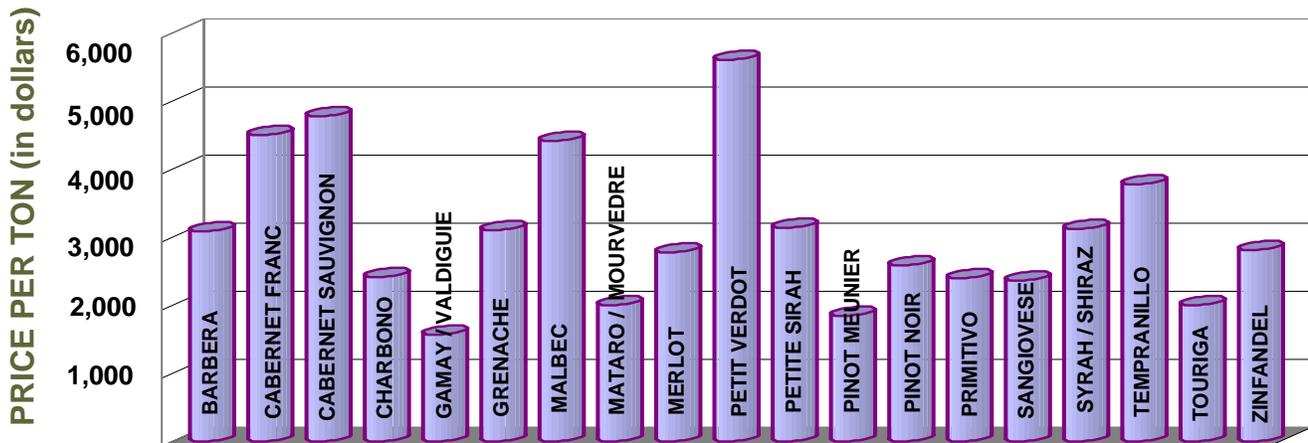
# Black Winegrape Varieties 2008



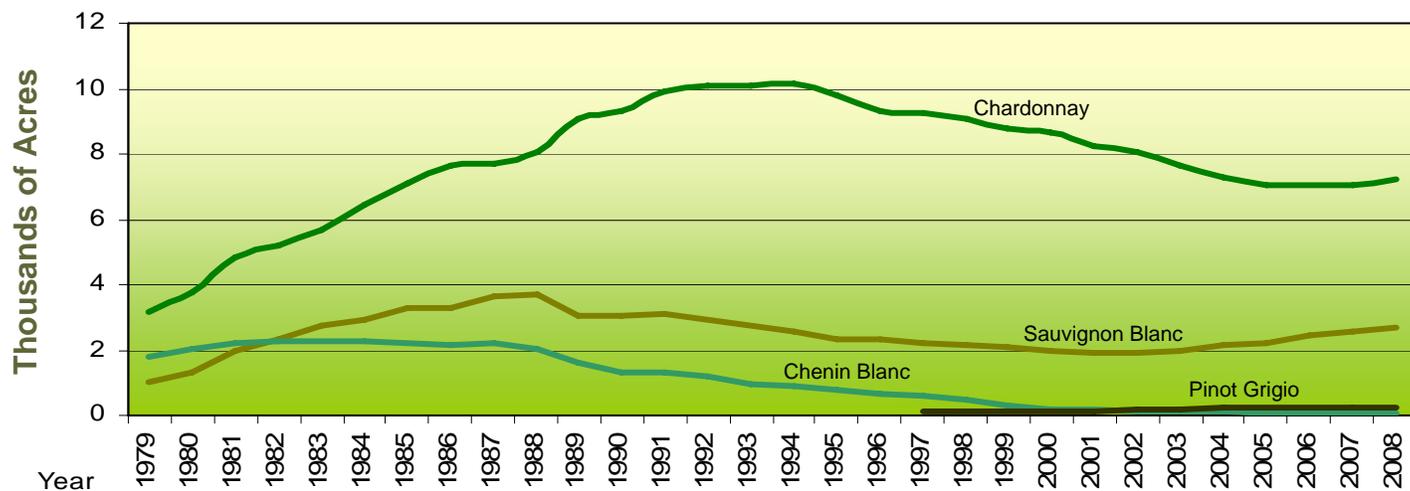
VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
BARBERA	11	0	11	42.1	\$3,085.99
CABERNET FRANC	1,038	132	1,170	2,757.7	4,502.67
CABERNET SAUVIGNON	18,122	1,338	19,460	43,527.1	4,779.55
CHARBONO	47	2	49	116.6	2,415.75
GAMAY / VALDIGUIE	20	0	20	39.3	1,566.41
GRENACHE	18	2	20	73.7	3,096.49
MALBEC	255	81	336	759.5	4,418.74
MATARO / MOURVEDRE	13	0	13	46.4	1,994.73
MERLOT	6,515	127	6,642	14,884.3	2,768.58
PETIT VERDOT	510	141	651	1,328.6	5,616.25
PETITE SIRAH	612	118	730	1,885.1	3,131.70
PINOT MEUNIER	33	11	44	107.7	1,844.65
PINOT NOIR	2,784	154	2,938	7,785.8	2,588.15
PRIMITIVO	34	0	34	25.4	2,401.78
SANGIOVESE	291	6	297	724.1	2,359.16
SYRAH / SHIRAZ	1,008	51	1,059	2,437.9	3,118.22
TEMPRANILLO	27	0	27	85.2	3,775.57
TOURIGA	18	0	18	48.6	2,000.00
ZINFANDEL	1,448	49	1,497	3,029.5	2,805.33
OTHER BLACKS*	84	2	86	201.1	3,979.38
<b>TOTAL BLACKS</b>	<b>32,888</b>	<b>2,214</b>	<b>35,102</b>	<b>79,905.7</b>	<b>\$3,987.14</b>

\*THE FOLLOWING VARIETIES ARE INCLUDED IN "OTHER BLACKS": AGLIANICO, ALEATICO, ALICANTE BOUCHET, ALVARELHAO, BLAUFRAENKISCH, 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, SOUZAO, TANNAT, TINTA CAO, TINTA MADEIRA, TOURIGA, AND VERDELHO TINTO. \*\*TONNAGE AND PRICE PER TON OBTAINED FROM "FINAL GRAPE CRUSH REPORT 2008 CROP"

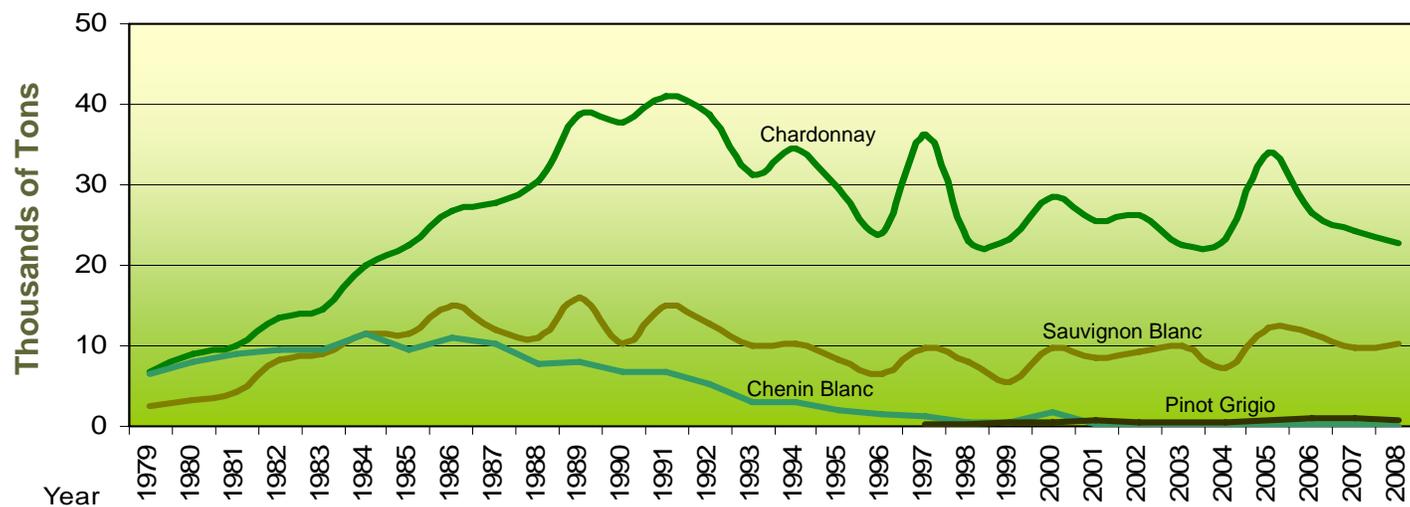
**PRICE PER TON COMPARISON FOR BLACK WINEGRAPE VARIETIES**



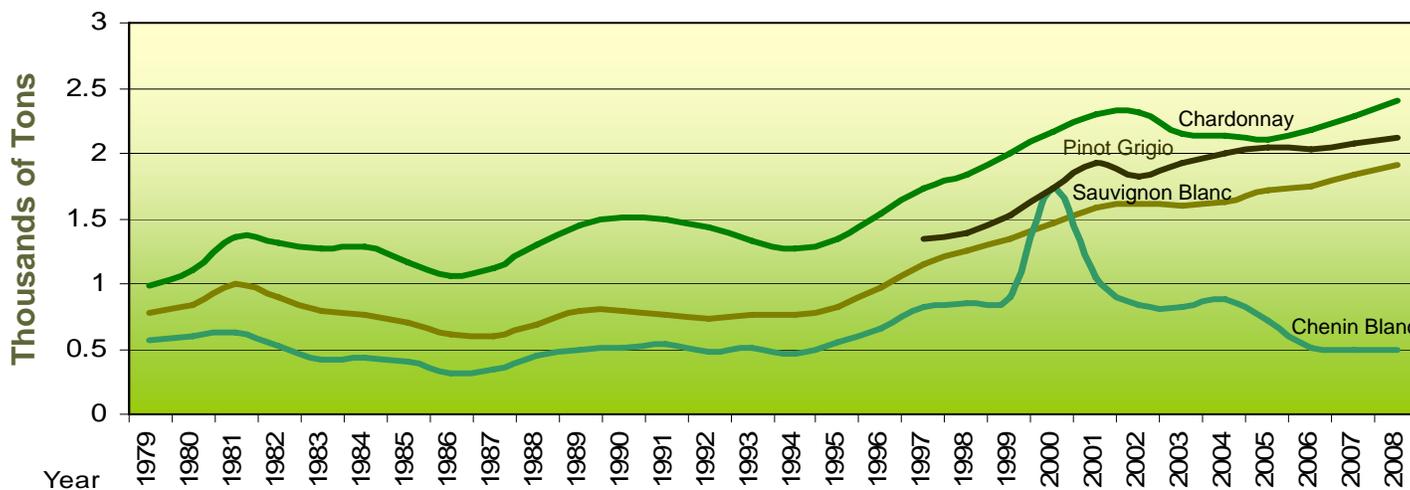
### Total White Winegrape Acreage 1979-2008



### Total White Winegrape Tonnage 1979-2008



### Price Per Ton of White Winegrapes 1979-2008



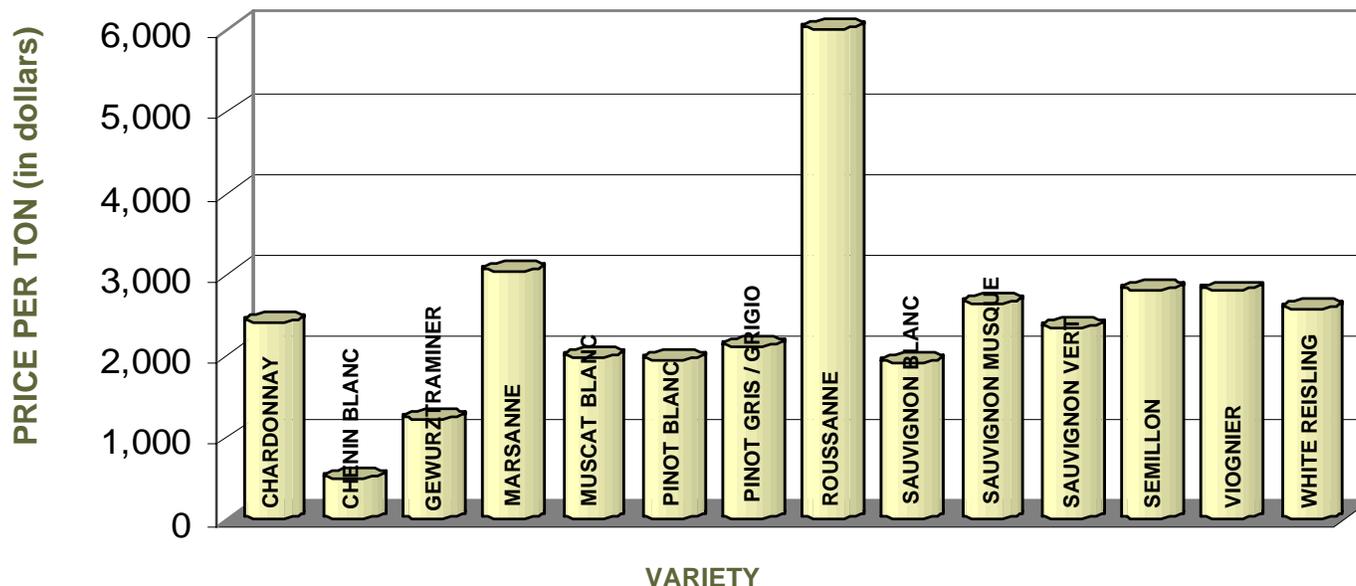
# White Winegrape Varieties 2008

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS**	PRICE PER TON**
CHARDONNAY	6,832	367	7,199	22,738.8	\$2,400.23
CHENIN BLANC	26	5	31	111.8	491.73
GEWURZTRAMINER	15	0	15	17.1	1,212.65
MARSANNE	9	0	9	45.3	3,034.74
MUSCAT BLANC	42	15	57	239.3	1,961.30
PINOT BLANC	16	0	16	79.4	1,946.72
PINOT GRIS / GRIGIO	227	26	253	762.5	2,113.18
ROUSSANNE	12	2	14	38.5	6,000.00
SAUVIGNON BLANC	2,299	388	2,687	10,221.3	1,905.91
SAUVIGNON MUSQUE	83	10	93	173.2	2,634.51
SAUVIGNON VERT	6	0	6	4.5	2,328.65
SEMILLON	144	20	164	614.9	2,806.34
VIIGNIER	99	8	107	252.9	2,786.15
WHITE RIESLING	132	9	141	542.3	2,560.62
OTHER WHITES*	40	0	40	116.7	2,201.77
<b>TOTAL WHITES</b>	<b>9,982</b>	<b>850</b>	<b>10,832</b>	<b>35,958.5</b>	<b>2,261.44</b>

\*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 2008 CROP"

## PRICE PER TON COMPARISON FOR WHITE WINEGRAPE VARIETIES





# 2008 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 2008.

## 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.

Type of Inspection	# of Inspections	Pest	# of Infested Shipments	# of Rejections
<b>Gypsy Moth</b> (residential relocation) ( <i>Lymantria dispar</i> )	13	GM	0	0
<b>Glassy-winged Sharpshooter</b> ( <i>Homalodisca vitripennis</i> )	2755	GWSS	2	2
<b>All Other Incoming Shipments</b>	15	Various	0	0
<b>Sudden Oak Death</b> ( <i>Phytophthora ramorum</i> )	110	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 2008	Progress
<b>Rush Skeleton Weed</b> ( <i>Chondrilla juncea</i> )	One Site < 3 Acres Total One site > 6 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 2008	Total Confirmed Sites
<b>Sudden Oak Death</b> ( <i>Phytophthora ramorum</i> )	1	27
<b>Vine Mealybug</b> ( <i>Planococcus ficus</i> )	11	71



# 2008 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, Japanese Beetle, Mediterranean Fruit Fly, Melon Fly, Oriental Fruit Fly, and other exotic fruit flies. An extensive urban and rural trapping program for the detection of Light Brown Apple Moth (LBAM) was initiated in March of 2007 after it quickly became established in many parts of the Bay Area and the central California coast. It poses a significant threat to both ornamental vegetation and agricultural crops. In 2007, two LBAM were trapped in Napa County, and sixteen more were found in 2008.

## 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. A total of 16 different 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	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
	Stem Weevil	<i>Microlarinus lypriformis</i>	Established
Puncture Vine	Seed Weevil	<i>Microlarinus lareynii</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 Star Thistle	Flower Weevil	<i>Larinus minutus</i>	2 Sites

## ORGANIC FARMING STATISTICS

Crop	Year	# of Farms	Production Acres	Gross Sales	% Organic Sales	% All Sales
Winegrapes	2008	88	2,490	\$20,308,700	97.85	4.96
	2007	77	1,791	15,398,200	97.37	3.18
Olives	2008	16	29	87,800	.42	.02
	2007	9	36	84,000	.53	.02
Other Fruits & Vegetables	2008	9	40	50,300	.24	.01
	2007	6	29	78,500	.50	.02
Eggs and Honey	2008	2	n/a	8,800	.04	.00
	2007	3	n/a	5,600	.04	.00
Cut Flowers & Nursery Stock	2008	7	7	298,600	1.44	.07
	2007	5	5	248,100	1.57	.05
Totals	2008	103	2,566	20,754,200	100.0	5.07
	2007	81	1,861	\$15,814,800	100.0	3.26



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

RETURN SERVICE REQUESTED

PRESORTED  
STANDARD  
US POSTAGE  
PAID  
NAPA, CA  
PERMIT NO. 3

TOTAL RAINFALL IN NAPA COUNTY 1908 THROUGH 2008

