



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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Department of Agriculture and Weights & Measures



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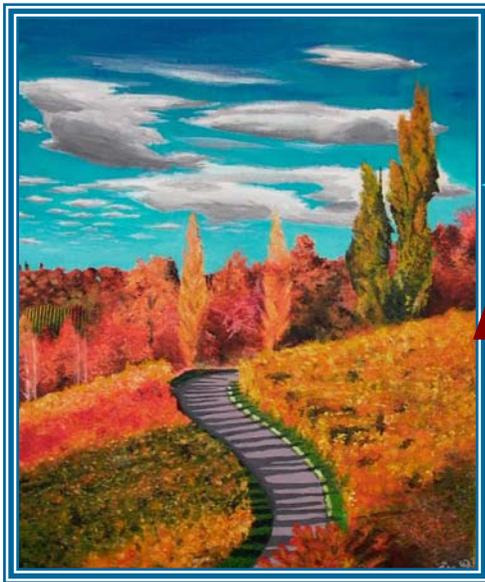
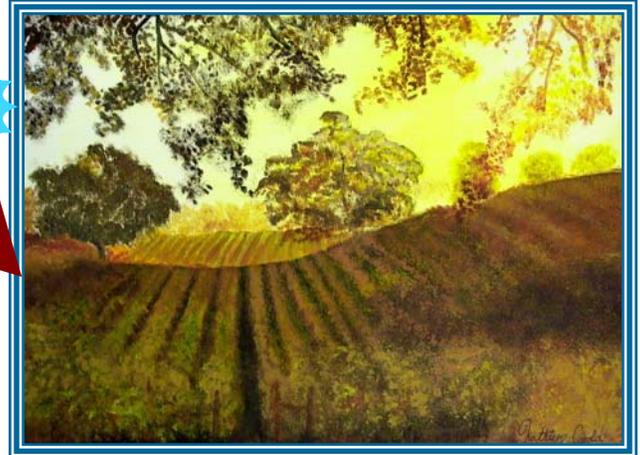
2007 Agricultural Crop Report



COVER ART CONTEST

Cover Artist: Kathleen Cantu
Title: "Amber"
Medium: Acrylic

Kathleen is a junior at New Technology High School. Her interests include cooking, fine arts and outdoor activities. Kathleen uses cookies and cheetos for inspiration.

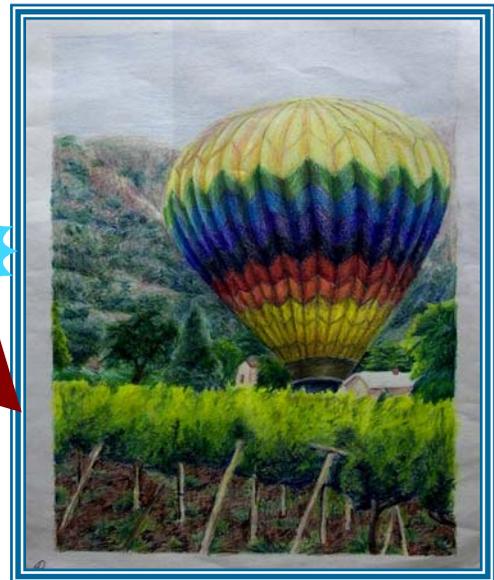


Second Prize Winner: Emily Meehan
Title: "Yuppie Land"
Medium: Acrylic paint

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

Third Prize Winner: Lyssette Banda
Title: "The Landing in the Vineyards"
Medium: Colored Pencil

Lyssette, a senior attending Vintage High School, complements her talent for drawing and painting with activities like playing guitar, listening to music, writing, singing, crafting, badminton and attending concerts.



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., Altamura Winery, Foster's Group, Franz Hill Vineyards, Frog's Leap Winery, Michael Wolf Vineyard Services, Sage Vineyard, Vista Vineyard Management LLC, and Stag's Leap Wine Cellars.*



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May 13, 2008

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

CHAIR, Brad Wagenknecht – District 1

Mark Luce – District 2
Bill Dodd – District 4

Diane Dillon – District 3
Harold Moskowitz – District 5

It is a pleasure to present the 2007 annual Napa County Crop Report which is prepared pursuant to the provisions of Section 2279 of the California Food & Agriculture Code. I hereunder submit this report of the agricultural production for Napa County for calendar year 2007. 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 \$484,884,700 an increase of \$6,941,900 from 2006. This 1.5% increase in gross value was primarily due to an increase in winegrape and nursery production. The total value of the winegrape crop was up 0.8% (\$3,533,700) while overall production decreased by 7,664.6 tons or 5%. Floral and nursery crops registered an increase of 81% in value, from \$3,556,800 in 2006 to \$6,432,600 in 2007.

This year's crop report is dedicated to the life and memory of U.C. Cooperative Extension Director and Viticultural Farm Advisor Ed Weber. Ed was not only an outstanding educational and scientific resource, but also an outstanding friend and colleague. He is truly missed, not only by his family, but by all us who were blessed to have known him.

This report is also our annual opportunity to recognize the producers, growers and ranchers who, along with all businesses ancillary to agriculture, are of utmost importance to the Napa County economy. We continually strive to improve the quality of the data provided and so I would like to thank all who contributed information for their cooperation and assistance. The vital information provided by the industry is critical to this report, and without a collaborative effort, the report would not be possible.

I would also like to thank my staff for their hard work in compiling the data needed to produce the quality report that is presented to you today.

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

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.

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David R. Whitmer

ASSISTANT AGRICULTURAL COMMISSIONER/SEALER

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DEPUTY AGRICULTURAL COMMISSIONERS

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Jeffrey Erwin

Vicki Kemmerer

DEPUTY SEALER

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Craig Graffin
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Humberto Izquierdo

Sommer Jones
Joel King
Greg Music

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Gene Rose
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FEDERAL WILDLIFE SERVICES STAFF

Eddie Goymerac

Greg Wamsley



2007 CROP REPORT SUMMARY CROP AND LIVESTOCK VALUES

FRUIT AND NUT CROPS	2007	\$473,537,500
	2006	\$469,961,500
VEGETABLE CROPS	2007	360,800
	2006	256,200
FLORAL & NURSERY CROPS	2007	6,432,600
	2006	3,556,800
FIELD CROPS	2007	327,700
	2006	286,300
TIMBER	2007	156,100
	2006	183,200
LIVESTOCK	2007	3,266,800
	2006	3,210,300
POULTRY & OTHER ANIMAL PRODUCTS	2007	803,200
	2006	488,500



GRAND TOTAL	2007	\$484,844,700
	2006	\$477,942,800

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.

2007 ALL CROPS & ANIMAL PRODUCTS

Crop	Year	Producing Acres	Tons/Acre	Total Tonnage	Value In \$
Black Winegrapes	2007	32,699	3.3	107,580.3	\$391,642,500
	2006	32,532	3.41	110,931.9	\$382,862,000
White Winegrapes	2007	9,639	3.9	37,531.4	80,964,100
	2006	9,656	4.33	41,844.4	86,210,900
Winegrapes SubTotal	2007	42,338	3.4	145,111.7	\$472,606,600
	2006	42,188	3.62	152,776.3	\$469,072,900
Olives	2007	233	4.27	994.9	633,700
	2006	216	1.61	347.8	268,800
Walnuts	2007	103	.39	40	12,400
	2006	103	.50	51	18,200
Other Fruits & Nuts (Inc. Strawberries)	2007				284,800
	2006				601,600
Totals	2007				\$473,537,500
	2006				\$469,961,500

Vegetables	2007				\$360,800
	2006				\$256,200

Floral & Nursery	2007				\$6,432,600
	2006				\$3,556,800

		Acres	Yield / Acre	Tons	\$ per Ton	
Oat Hay	2007	188	1.49	279	171.88	\$48,000
	2006	193	1.04	201	125.00	\$25,100
Pasture and Rangeland	2007	95,000				279,700
	2006	95,000				261,200
Total Field Crops	2007					\$327,700
	2006					\$286,300

		Volume in MBF	\$ per MBF	
Timber	2007-Three Year Average	436	3.58	\$156,100
	2006-Three Year Average	533	3.44	\$183,200

		Production in CWT	Unit	\$ per CWT	
Cattle and Calves	2007	28,972	CWT	109.00	\$3,158,000
	2006	26,138	CWT	118.00	\$3,084,300
Sheep and Lambs	2007	675	CWT	90.50	61,100
	2006	893	CWT	84.00	75,000
Other Livestock	2007				47,700
	2006				51,000
Total Livestock	2007				\$3,266,800
	2006				\$3,210,300

Poultry & Other Animal Products	2007				\$803,200
	2006				\$488,500

ALL WINE GRAPES 2007



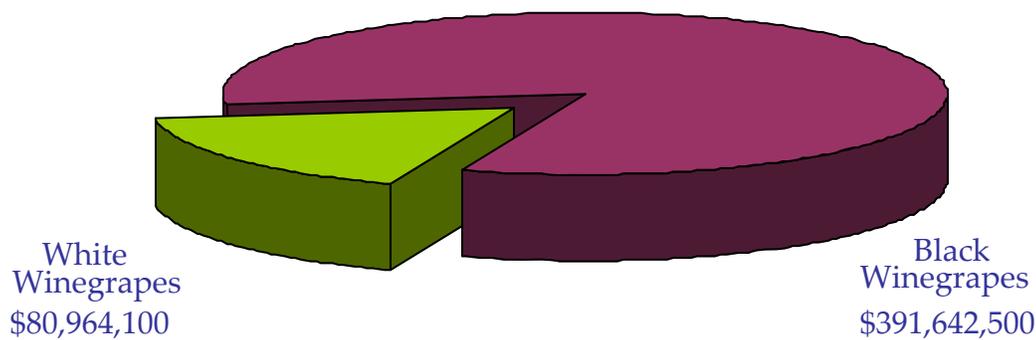
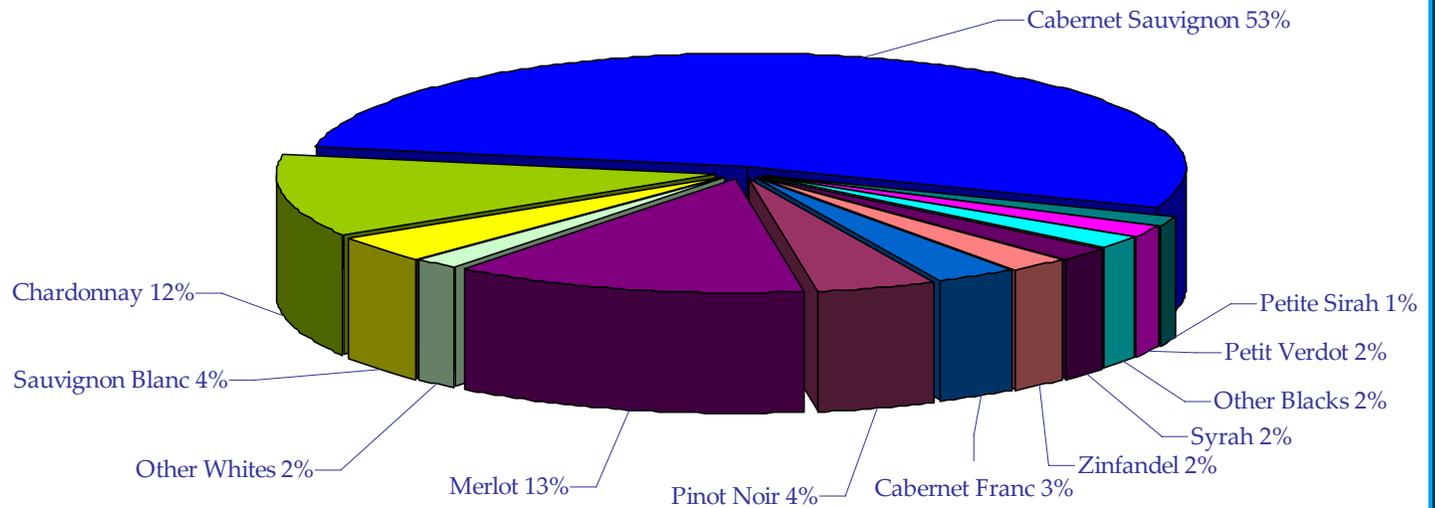
Chardonnay
Winegrapes



Cabernet
Sauvignon
Winegrapes

Wine Grapes	Bearing Acres	Non-bearing Acres	Total Acres	Tons	Average Price Per Ton
Black Varieties	32,699	1,911	34,610	107,580.3	\$3644.82
White Varieties	9,639	909	10,548	37,531.4	\$2163.70
Totals	42,338	2,820	45,158	145,114.7	\$3256.78

PERCENTAGE OF TOTAL VALUE OF ALL VARIETALS OVER 1%

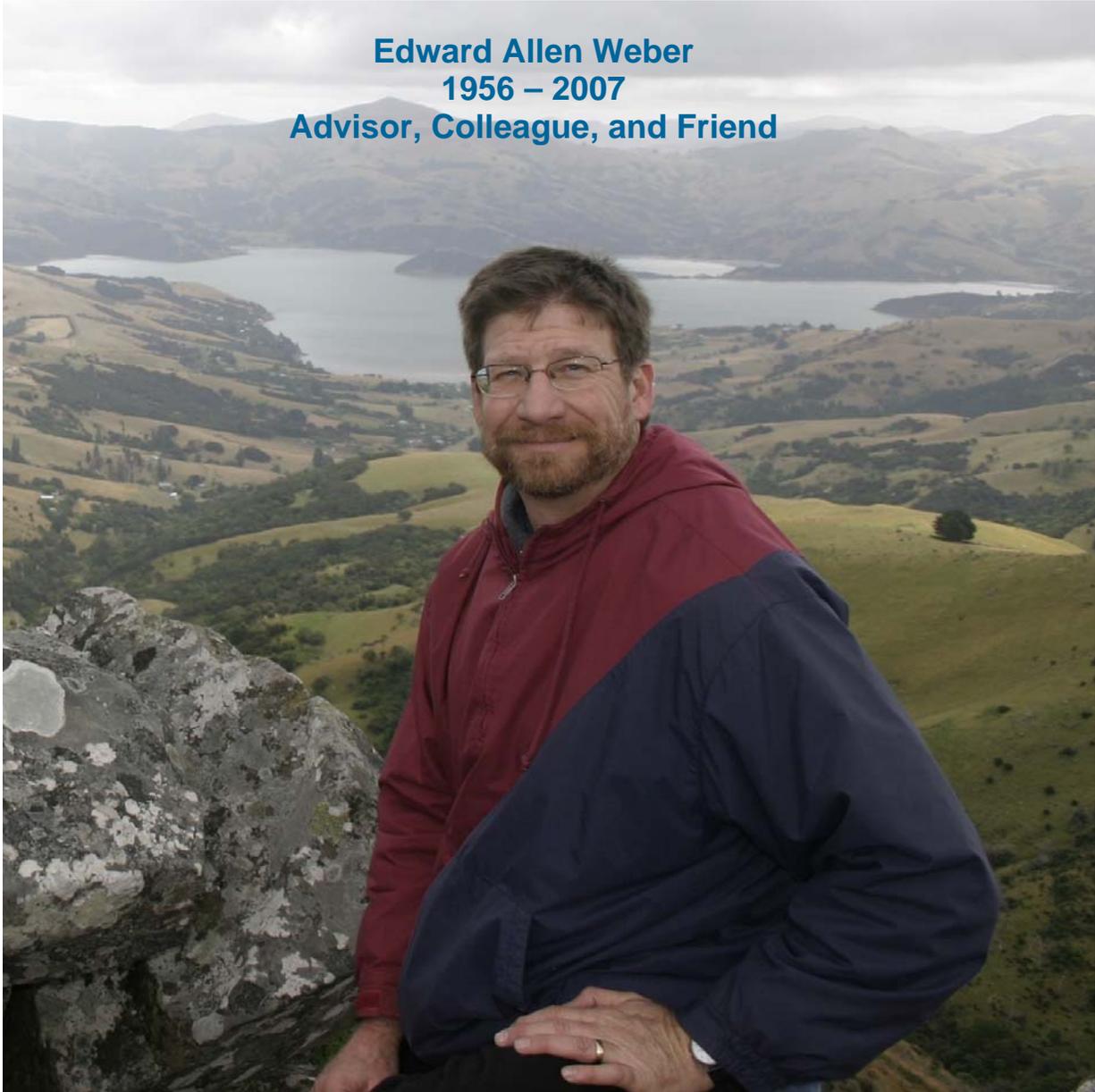




Pete Glasier of Napa Record Setting Pumpkin Grower

Pete Glasier of Napa set a new California record at the Elk Grove Giant Pumpkin & Harvest Festival in October. Weighing in at 1,535.5 pounds, the mammoth pumpkin was grown on the fertile property of Napa resident Gary Miller using “Atlantic Giant” seeds, organic fertilizers, and compost-enriched soil. The above photograph captures Glasier embracing a pumpkin weighing a mere 1,285 pounds; grown by Miller under conditions similar to Glasier’s record setter, it won first place at another weigh-off contest held annually in Salinas.

Edward Allen Weber
1956 – 2007
Advisor, Colleague, and Friend



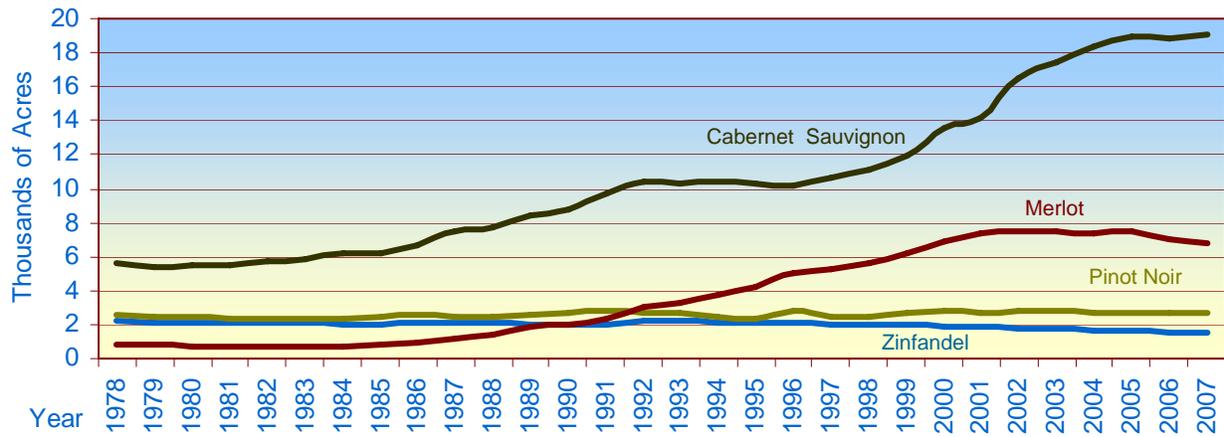
As We Look Back

As we look back over time
We find ourselves wondering
Did we remember to thank you enough
For all you have done for us?
For all the times you were by our sides
To help and support us
To celebrate our successes
To understand our problems
And accept our defeats?
Or for teaching us by your example,
The value of hard work, good judgment,
Courage and integrity?

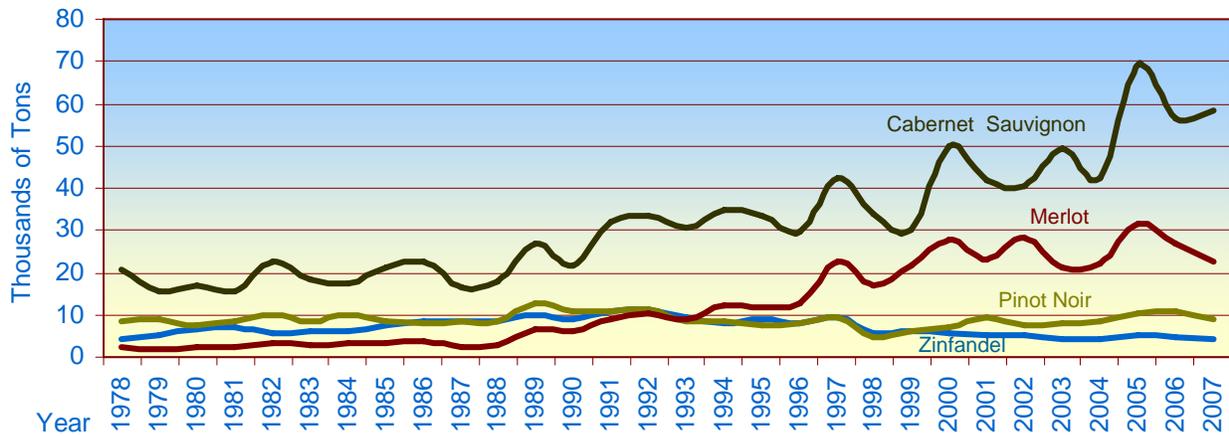
We wonder if we ever thanked you
For the sacrifices you made.
To let us have the very best?
And for the simple things
Like laughter, smiles and times we shared?
If we have forgotten to show our
Gratitude enough for all the things you did,
We're thanking you now.
And we are hoping you knew all along,
How much you meant to us.

Clare Jones

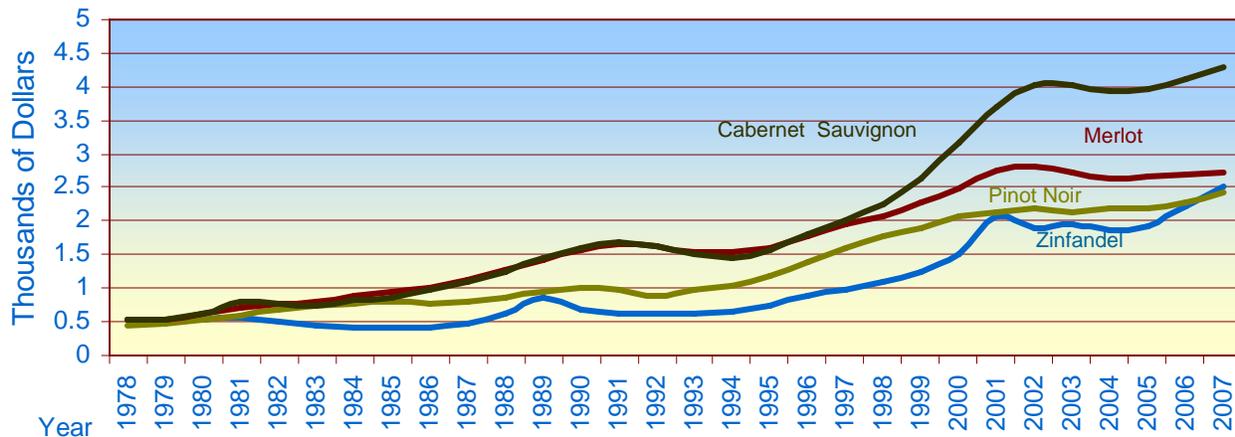
Total Black Winegrape Acreage 1978 to 2007

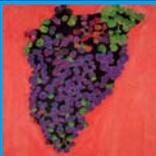


Total Black Winegrape Tonnage 1978 to 2007



Price Per Ton of Black Winegrapes 1978 to 2007

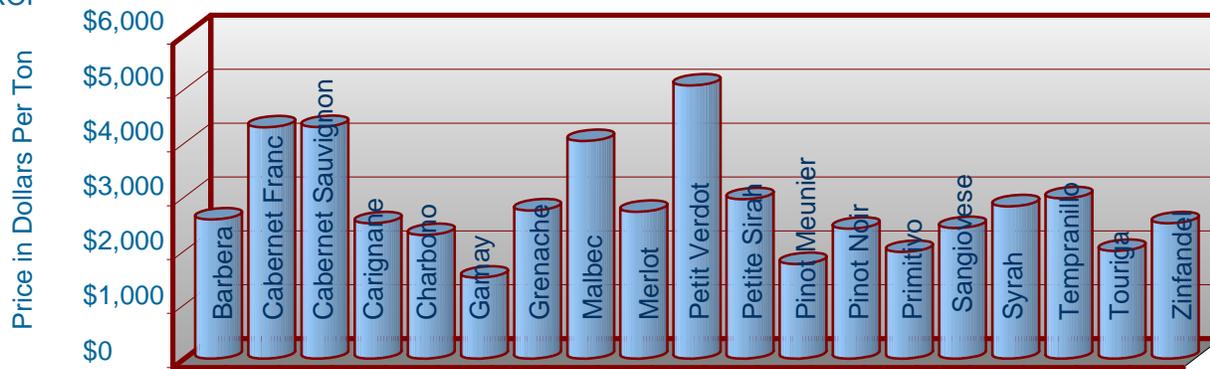




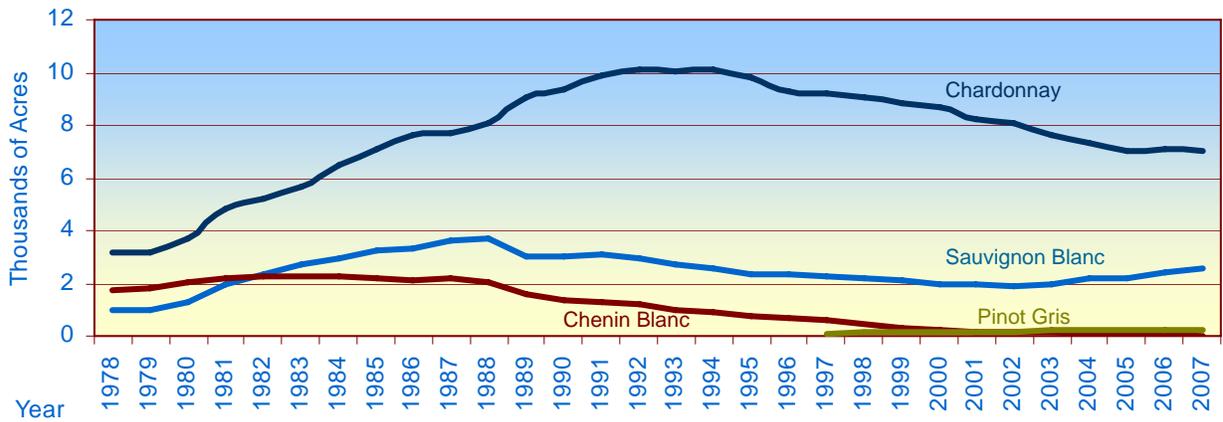
BLACK WINEGRAPE VARIETIES 2007

Variety	Bearing Acres	Non-Bearing Acres	Total Acres	Tons**	Price Per Ton**
Barbera	11	0	11	53.0	\$2588.10
Cabernet Franc	1,023	120	1,143	3,306.0	4293.98
Cabernet Sauvignon	17,993	1,043	19,036	58,405.5	4302.49
Carignane	7	2	9	27.7	2516.58
Charbono	45	5	50	158.9	2297.29
Gamay/Valdigue	22	0	22	36.8	1506.33
Grenache	18	1	19	88.0	2750.91
Malbec	233	64	297	821.7	4041.54
Merlot	6,672	156	6,828	22,772.8	2725.21
Petit Verdot	464	139	603	1552.8	5069.56
Petite Sirah	581	129	710	2355.6	2955.86
Pinot Meunier	38	6	44	138.7	1758.98
Pinot Noir	2,631	85	2,716	8749.6	2417.52
Primitivo	34	0	34	55.8	1986.21
Sangiovese	316	7	323	994.4	2426.58
Syrah/Shiraz	967	76	1,043	3468.3	2826.80
Tempranillo	23	4	27	111.6	2975.91
Touriga	17	0	17	55.8	2000.00
Zinfandel	1,505	62	1,567	4111.1	2515.56
Other Blacks*	99	12	111	316.2	3640.47
TOTAL BLACKS	32,699	1,911	34,610	107,580.3	\$3644.82

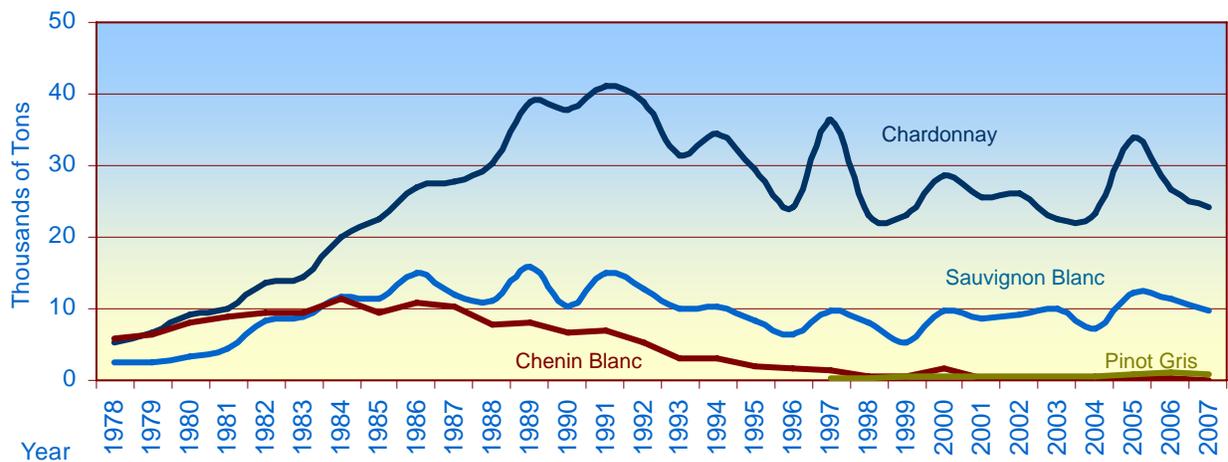
*The following varieties are included in Other Blacks: Aglianico, Alicante Bouchet, Alvarelhao, Blaufraenkisch, Brunello, Carmener, Carmine, Cinsault, Dolcetto, Early Burgundy, Gamay Beaujolais, Grignolino, Mataro/Mouvedre, Montepulciano, Muscat Hamburg, Nebbiolo, Negrette, Nero D'Avola, Peloursin, Petit Bouchet, Pinotage, Port, Refosco/Mondeuse, Rossini, Rubired, Ruby Cabernet, Sagrantino, St. Macaire, Souzao, Tannat, Tinta Cao, Verdelho Tinto. **Tonnage and Price per Ton obtained from "FINAL GRAPE CRUSH REPORT 2007 CROP"



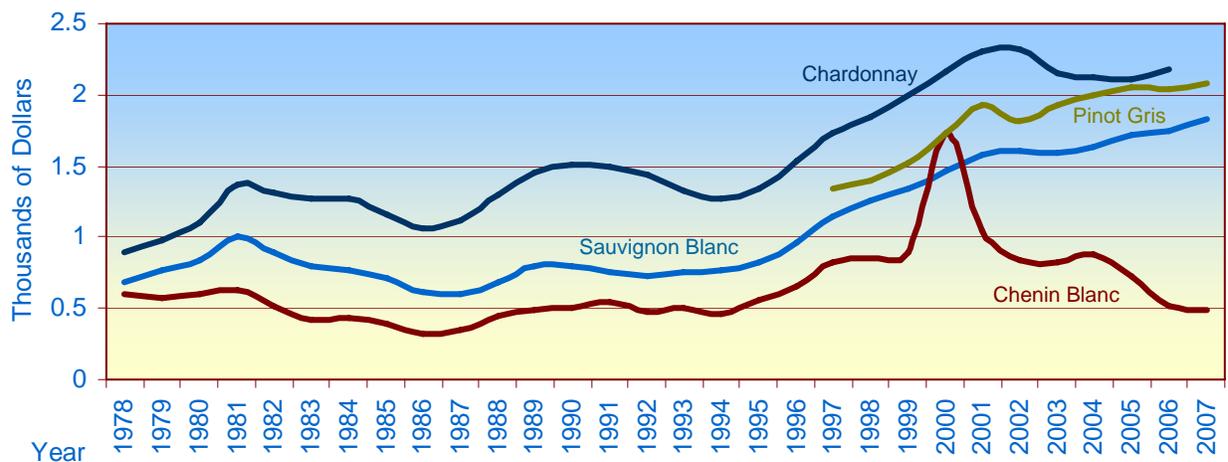
Total White Winegrape Acreage 1978 to 2007



Total White Winegrape Tonnage 1978 to 2007



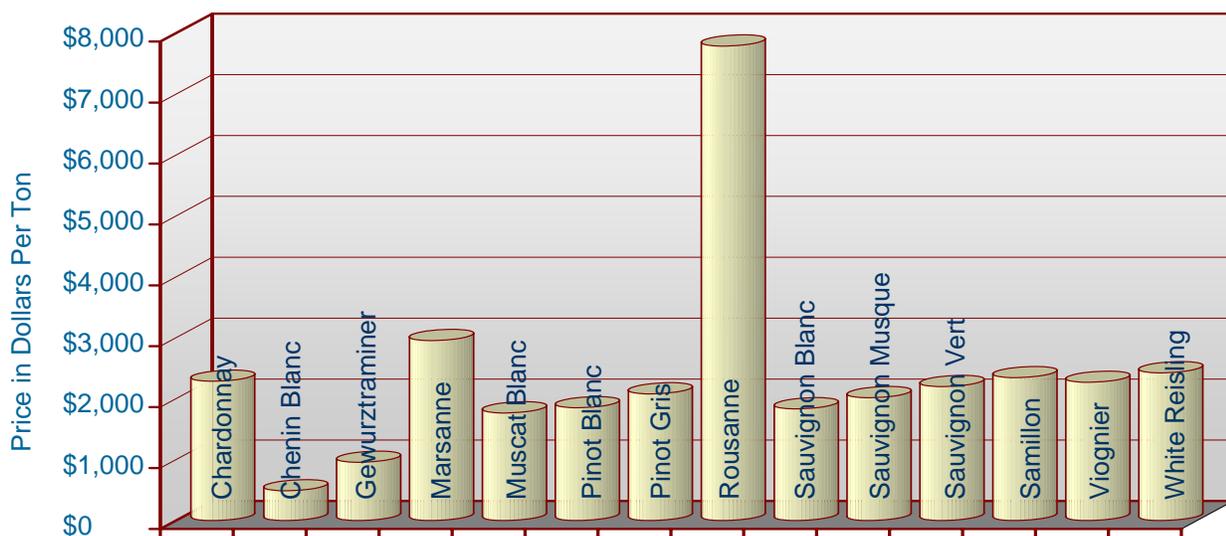
Price Per Ton of White Winegrapes 1978 to 2007



WHITE WINEGRAPE VARIETIES 2007

Variety	Bearing Acres	Non-Bearing Acres	Total Acres	Tons**	Price Per Ton**
Chardonnay	6,661	372	7,033	24,231.8	\$2287.25
Chenin Blanc	26	5	31	137.6	488.97
Gewurztraminer	16	0	16	41.1	956.48
Marsanne	9	0	9	43.0	2955.16
Muscat Blanc	42	10	52	276.3	1767.47
Pinot Blanc	16	0	16	88.4	1852.42
Pinot Gris/Grigio	223	34	257	890.6	2079.83
Roussanne	11	1	12	44.7	7790.00
Sauvignon Blanc	2,122	439	2,561	9,849.0	1833.84
Sauvignon Musque	82	16	98	187.6	2017.65
Sauvignon Vert	6	0	6	10.8	2200.00
Semillon	142	19	161	669.4	2346.09
Viognier	112	7	119	379.0	2269.50
White Riesling	136	4	140	574.1	2425.93
Other Whites*	35	2	37	108.0	2152.55
TOTAL WHITES	9,639	909	10,548	37,531.4	\$2163.70

*The following varieties are included in Other Whites: Alberino, Flora, French Colombard, Gray Riesling, Grenache Blanc, Malvasia Bianca, Montonico, Muscat Orange, Muschel Blanc, Ribolla, Scheurebe, Tocai Friulano, Verdelho, & Vermentino. **Tonnage and Price per Ton obtained from "FINAL GRAPE CRUSH REPORT 2007 CROP"





2007 AGRICULTURAL REPORT

Rush Skeleton Weed

The Napa County Agricultural Commissioner's mandate to protect agriculture is demonstrated through several important programs. Following are highlights of the work performed during 2007.

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 2007 and subsequently destroyed.

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 coagulata</i>)	2860	GWSS	1	1
All Other Incoming Shipments	9	Various	0	3
Sudden Oak Death (<i>Phytophthora ramorum</i>)	124	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. 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 2008	Progress
Rush Skeleton Weed (<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 2007	Total Confirmed Sites
Sudden Oak Death (<i>Phytophthora ramorum</i>)	4	26
Vine Mealybug (<i>Planococcus ficus</i>)	7	60



Western Grapeleaf Skeletonizer

2007 AGRICULTURAL REPORT

DETECTION – TRAPPING PROGRAM

In partnership with the state for many years, we have 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 was initiated in March. First confirmed in the continental United States in early 2007, this insect quickly became established in many parts of the Bay Area and central California coast. It poses a significant threat to both ornamental vegetation and agricultural crops.

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 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 villosus</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	2007	77	1,791	\$15,398,200	97.4 %	3.18 %
	2006	61	1,653	20,350,000	96.8 %	4.26 %
Olives	2007	9	36	84,400	.5 %	.02 %
	2006	9	32	107,000	.3 %	.02 %
Other Fruits & Vegetables	2007	6	29	78,500	.5 %	.02 %
	2006	15	40	164,760	.8 %	.03 %
Eggs and Honey	2007	3	n/a	5,600	.0 %	.00 %
	2006	3	n/a	110,660	.5 %	.02 %
Cut Flowers & Nursery Stock	2007	5	5	248,100	1.6 %	.05 %
	2006	8	5	285,500	1.4 %	.06 %
Totals	2007	81	1,861	15,814,800	100.0 %	3.26 %
	2006	70	1,809	\$21,017,920	100.0 %	4.39 %