

# NAPA COUNTY



## 2004 AGRICULTURAL CROP REPORT



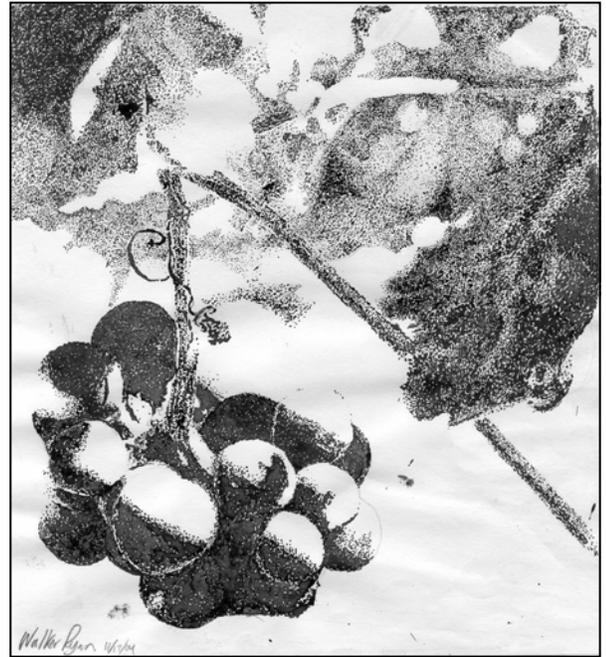
Second Prize Winner: ALI LEEDS

Title: Joe Rossi's 4-12 Plow

Medium: Black and White Photography

About ALI:

Ali is a junior at St Helena High School. She enjoys music and creating art of all kinds.



Third Prize Winner: WALKER RYAN

Title: Grapes of Tranquility

Medium: Pen and Ink

About WALKER:

Walker is a junior at St Helena High School. He enjoys skateboarding, drawing, and filmmaking.

This year's cover art was a result of our first annual Crop Report Cover Contest. It was open to all high school students within Napa County. Napa County Farm Bureau's 'Ag in the Classroom' and our 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 program is carried out in Napa County through the Napa County Farm Bureau. The prize monies for the contest winners were donated by the following local businesses and agencies: Napa County Farm Bureau 'Ag in the Classroom', Napa County Farm Supply, Winegrowers of Napa County, Napa County Agricultural Commissioner's Office, Napa County 4-H Council, Napa Valley Vintners, Napa Valley Grape Growers, and Jack L Davies Napa Valley Ag Land Preservation Fund.

#### Our Cover Photo



Artist: JESSICA PAULISICH

Title: FROM SUNUP TO SUNDOWN

Medium: ACRYLICS

About JESSICA:

Jessica is an active member and Vice President of the St Helena Future Farmers of America. She currently holds the Secretary office for the Pope Valley 4-H Club. She loves to raise hogs, which she does every August for the Napa Town and Country Fair. When she gets free time, she enjoys working outside. She plans on pursuing a career in agriculture.



# 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  
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May 10, 2005

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

Brad Wagenknecht – District 1  
Chair, Diane Dillon – District 3

Mark Luce – District 2  
Bill Dodd – District 4

Harold Moskowitz – 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 2004. 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 \$357,214,600 a decrease of \$35,714,400 from 2003. This 9.1% decrease in gross value was primarily due to a decrease in winegrape production. The total value of the winegrape crop was down 9.1% (\$35,100,000) while overall production decreased by 8939.7 tons or 6.9%. Floral and nursery crops registered a decrease of 12.7% in value, from \$4,543,000 in 2003 to \$3,965,400 in 2004.

I would like to thank my staff who worked to create this report and also to express our appreciation to the producers, processors, government agencies and others that contributed information to make this report possible.

Respectfully submitted,

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**

## **AGRICULTURAL COMMISSIONER'S STAFF**

**LANCE BINGHAM  
MARCIA BLACKMON  
JOHN COOLEGE  
JOE CROXDALE  
KURT DORROUGH  
JEFF ERWIN  
CANDACE FISKE  
CHAD GODOY**

**CRAIG GRAFFIN  
NAOMI HOM  
HUMBERTO IZQUIERDO  
DON JAMISON  
OLGA JERINIC  
SOMMER JONES  
TERRY KEISER**

**VICKI KEMMERER  
ANNA KIM  
JOEL KING  
SHELBY MCCOY  
ARLENE PARKER  
GENE ROSE  
TRACY SMIGIELSKI  
BRANDEN WOOLLEY**

## **GLASSY-WINGED SHARPSHOOTER INSPECTORS**

**SCOTT CARLISLE DANIEL FULFORD  
REBECCA MUNDELL CINDY SMITH**

**FEDERAL WILDLIFE SERVICES STAFF  
EDDIE GOYMERAC SCOTT YOUNG**

# ***SUMMARY OF NAPA COUNTY CROP AND LIVESTOCK PRODUCTION VALUES***

<b>FRUIT AND NUT CROPS</b>	<b>2004</b>	<b>\$349,993,500</b>
	<b>2003</b>	<b>384,758,700</b>
<b>VEGETABLE CROPS</b>	<b>2004</b>	<b>136,500</b>
	<b>2003</b>	<b>182,000</b>
<b>FLORAL AND NURSERY CROPS</b>	<b>2004</b>	<b>3,965,400</b>
	<b>2003</b>	<b>4,543,000</b>
<b>FIELD CROPS</b>	<b>2004</b>	<b>405,700</b>
	<b>2003</b>	<b>552,500</b>
<b>LIVESTOCK</b>	<b>2004</b>	<b>2,275,600</b>
	<b>2003</b>	<b>2,439,800</b>
<b>POULTRY AND OTHER ANIMAL PRODUCTS</b>	<b>2004</b>	<b>437,900</b>
	<b>2003</b>	<b>453,000</b>
<b>GRAND TOTAL</b>	<b>2004</b>	<b>\$ 357,214,600</b>
	<b>2003</b>	<b>392,929,000</b>

**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.**

# ***FRUITS, VEGETABLES, AND NURSERY***

## ***FRUIT AND NUT CROPS***

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL	UNIT	PRICE PER UNIT	TOTAL VALUE
<b>WINE GRAPES</b>							
BLACK	2004	30,526	2.84	86,735.7	TON		\$283,100,000
	2003	29,144	3.20	93,275.7	TON		314,500,000
WHITE	2004	9,913	3.34	33,138.3	TON		66,400,000
	2003	9,962	3.57	35,538.0	TON		70,100,000
TOTAL	2004	40,439	2.96	119,874.0	TON		349,500,000
	2003	39,106	3.29	128,813.7	TON		384,600,000
OLIVES	2004	146	2.65	387.0	TON		225,600
	2003	96*	1.4*	134.4	TON		57,300
<b>*CORRECTED VALUE</b>							
WALNUTS	2004	116	.24	31.0	TON	809.00	25,100
	2003	131	.31	41.0	TON	840.00	34,400
STRAW- BERRIES	2004						215,000
OTHER FRUITS & NUTS*	2004						27,800
	2003						67,000
<b>*NO LONGER INCLUDES OLIVES AND STRAWBERRIES</b>							
TOTALS	2004						\$349,993,500
	2003						384,758,700

## ***VEGETABLE CROPS***

CROP	YEAR	TOTAL VALUE
ALL VEGETABLES	2004	\$136,500
	2003	182,000

## ***FLORAL AND NURSERY CROPS***

CROP	YEAR	TOTAL VALUE
ORNAMENTALS & GRAPEVINE NURSERY STOCK, CHRISTMAS TREES, CUT FLOWERS, ETC.	2004	\$3,965,400
	2003	4,543,000

# **FIELD CROPS AND ANIMAL PRODUCTS**

## **FIELD CROPS**

<b>CROP</b>	<b>YEAR</b>	<b>ACRES</b>	<b>YIELD PER ACRE</b>	<b>TOTAL</b>	<b>UNIT</b>	<b>PRICE PER UNIT</b>	<b>TOTAL VALUE</b>
<b>OAT HAY</b>	<b>2004</b>	<b>193</b>	<b>3.43</b>	<b>660</b>	<b>TON</b>	<b>\$95.00</b>	<b>\$62,700</b>
	<b>2003</b>	<b>520</b>	<b>3.50</b>	<b>1820</b>	<b>TON</b>	<b>85.00</b>	<b>154,700</b>
<b>PASTURE &amp; RANGELAND</b>	<b>2004</b>						<b>343,000</b>
	<b>2003</b>						<b>397,790</b>
<b>TOTALS</b>	<b>2004</b>						<b>\$405,700</b>
	<b>2003</b>						<b>552,490</b>

## **LIVESTOCK**

<b>ITEM</b>	<b>YEAR</b>	<b>PRODUCTION IN CWT</b>	<b>UNIT</b>	<b>PRICE PER UNIT</b>	<b>TOTAL VALUE</b>
<b>CATTLE &amp; CALVES</b>	<b>2004</b>	<b>22,984</b>	<b>CWT</b>	<b>\$88.20</b>	<b>\$2,027,200</b>
	<b>2003</b>	<b>22,056</b>	<b>CWT</b>	<b>96.60</b>	<b>2,130,600</b>
<b>SHEEP &amp; LAMBS</b>	<b>2004</b>	<b>2545</b>	<b>CWT</b>	<b>90.00</b>	<b>229,100</b>
	<b>2003</b>	<b>3300</b>	<b>CWT</b>	<b>89.00</b>	<b>293,500</b>
<b>OTHER LIVESTOCK (INCLUDES HOGS, ALPACA, GOATS, ETC.)</b>	<b>2004</b>				<b>19,300</b>
	<b>2003</b>				<b>15,700</b>
<b>TOTALS</b>	<b>2004</b>				<b>\$2,275,600</b>
	<b>2003</b>				<b>2,439,800</b>

## **POULTRY AND OTHER ANIMAL PRODUCTS**

	<b>YEAR</b>	<b>TOTAL VALUE</b>
<b>TOTALS</b>	<b>2004</b>	<b>\$437,900</b>
	<b>2003</b>	<b>453,000</b>

# *Napa County Youth In Agriculture*

School-aged people in Napa County are fortunate to have agricultural educational programs available to them. These programs are all not-for-profit groups that work with and encourage young people to live and learn about agriculture. Below is a short synopsis of the programs currently active in Napa County.



## 4-H Head-Heart-Hands-Health

There are 17 active 4-H clubs serving 535 members within Napa County. The 4-H Youth Development Program's mission and goals are to help youth develop to their full potential! 4-H Youth Development is an informal educational youth program, conducted by the University of California Cooperative Extension. Other program settings and activities include school enrichment programs, special interest projects and programs, school-aged child care, camp experiences, independent study, and distance learning. The purpose of 4-H Youth Development is to help diverse young people discover and develop their potential and grow into competent, contributing, and caring citizens. The learn-by-doing activities, youth-adult partnerships, and research-based educational programs help young people enhance their leadership abilities and develop a wide range of other life skills.

Children benefit through leadership/citizenship development, life skills education, strengthening youth-families-communities, and advancing the field of youth development by using experiential education ("learn-by-doing"), bridging research and practice, building partnerships for programming and funding, cross-age learning and teaching, and youth-adult partnerships. For more information about these programs you can contact Mr. Jim O'Neill, 4H Youth Program Representative at (707) 253-4221.



## Napa County Farm Bureau 'Ag in the Classroom'

The national Ag in the Classroom (AITC) program was reintroduced to Napa County in 2001. AITC was originally developed on a national level to impart students with adequate knowledge to function effectively as agriculturally literate citizens supportive of wise agricultural policies and programs. AITC works with K-12 teachers, students, and community leaders, to enhance education using agricultural examples. The program offers school children the knowledge to make informed choices. Some students will choose agriculture as their life's work. All students, as future voters, will make decisions about agriculture. For more information, please call Mrs. Cheryl Lauritsen, program coordinator at (707) 224-5403 ext 18.

# Napa County Youth In Agriculture



## Future Farmers of America

Napa is home to the Napa and St Helena Chapters of Future Farmers of America (FFA). The National FFA Organization is dedicated to making a positive difference in the lives of young people by developing their potential for *premier leadership, personal growth and career success* through agricultural education.

The FFA motto gives members twelve short words to live by as they experience the opportunities in the organization. Learning to Do, Doing to Learn, Earning to Live, Living to Serve.

## Vintage High School Farm

Regional Occupational Program and

Future Farmers of America Supervised Agricultural Experience



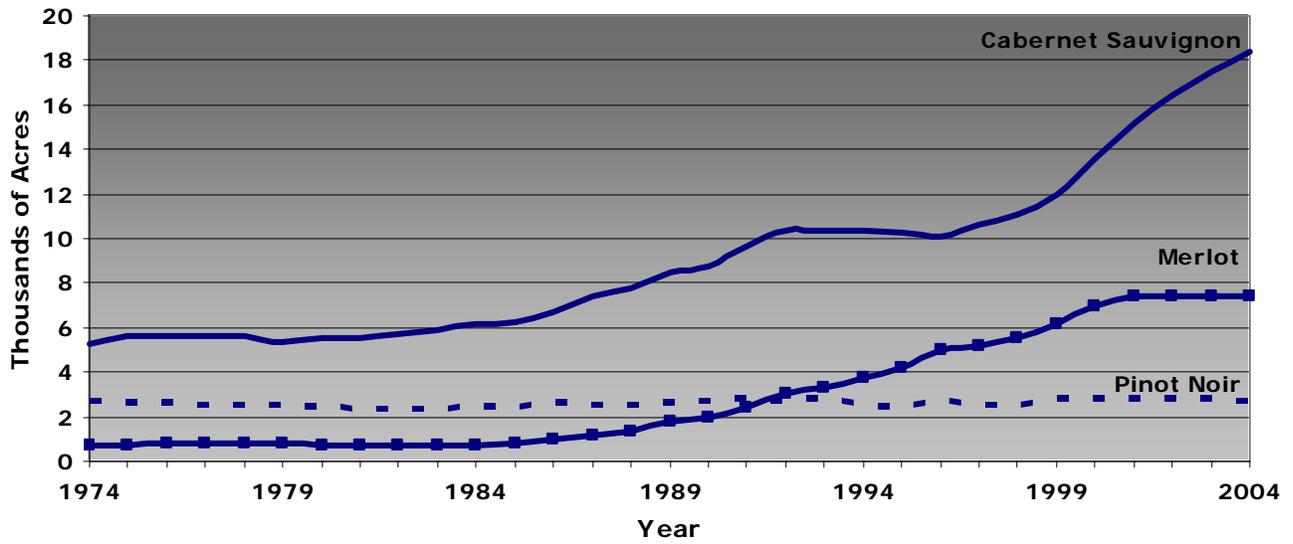
Vintage High School's 10 acre working farm and instructors offer a Supervised Agricultural Experience (SAE) Program which is operated in conjunction with Future Farmers of America and a Regional Occupational Program (ROP). Their curriculum includes Animal Science, Plant Science and Agricultural Mechanics. With supervised agricultural experience programs, a student designs a program to gain hands-on experience and develop skills in agricultural career areas that interest them. A SAE program is the actual, hands-on application of concepts and principles learned in the agricultural education classroom. Students are supervised by agricultural education teachers in cooperation with parents, employers and other adults who assist them in the development and achievement of their educational and career goals. For more information, you can contact Mrs. Heidi Vietor or Mr. Wayne Weathers at (707) 253-6896 or (707) 253-6897.

## St Helena High School

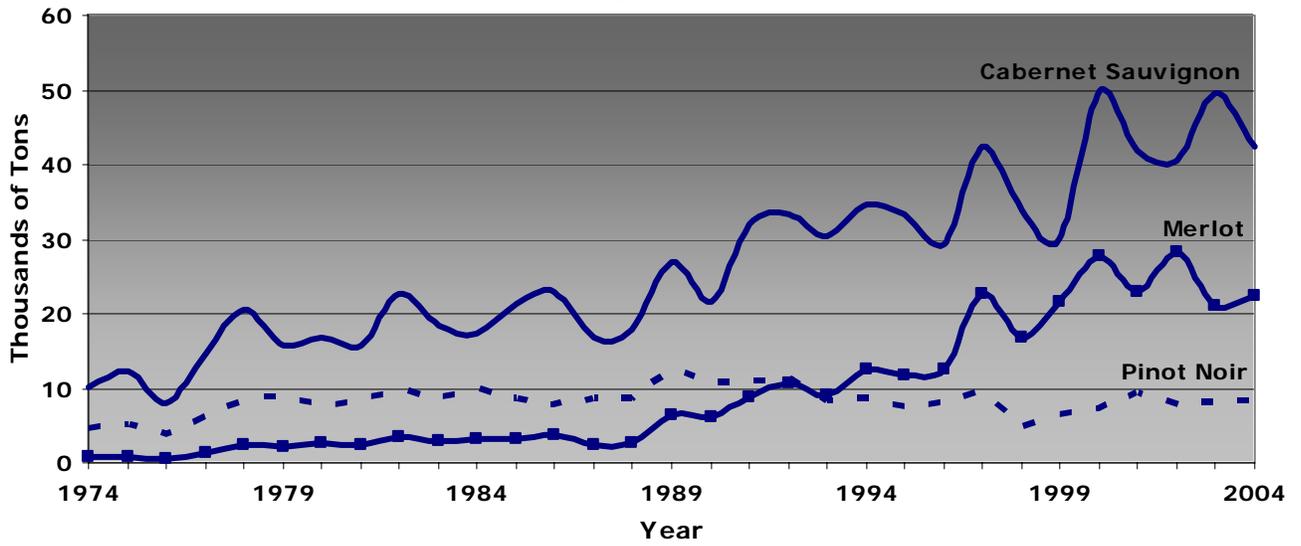
Future Farmers of America Supervised Occupational Experience

St. Helena High School offers courses in Agriculture Mechanics, Agriculture Biology, Agriculture Physical Science and Advanced Agriculture Mechanics. Students enrolled in all of the available courses have the opportunity to take part in FFA activities, develop and maintain a Supervised Occupational Experience (SOE) project and maintain a California Vocational Agriculture Record Book. FFA emphasizes leadership, personal growth, and career success through activities such as leadership conferences and career development events. SOE programs are student designed activities that allow them to expand their knowledge of agriculture beyond the classroom. Examples of projects include, but are not limited to work experience, raising animals to sell at the county fair, or starting a home garden. For more information, you can contact Mr. Randy Mendes at (707) 967-2740 ext 254.

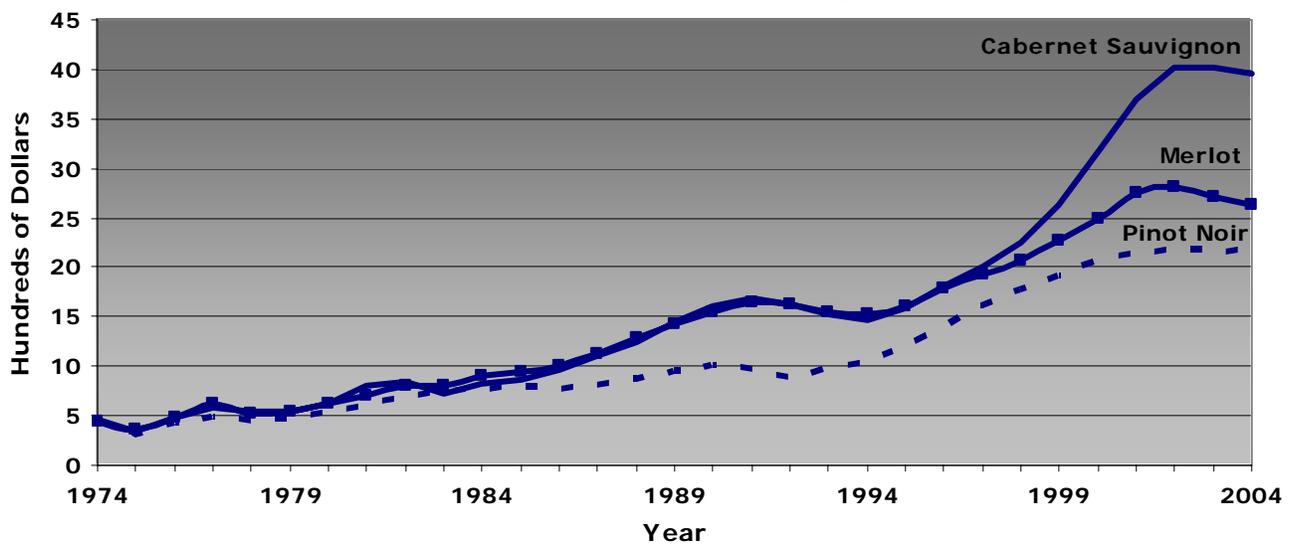
Total Black Winegrape Acreage by Year



Tons of Black Winegrapes Crushed by Year



Price Per Ton of Black Winegrapes by Year

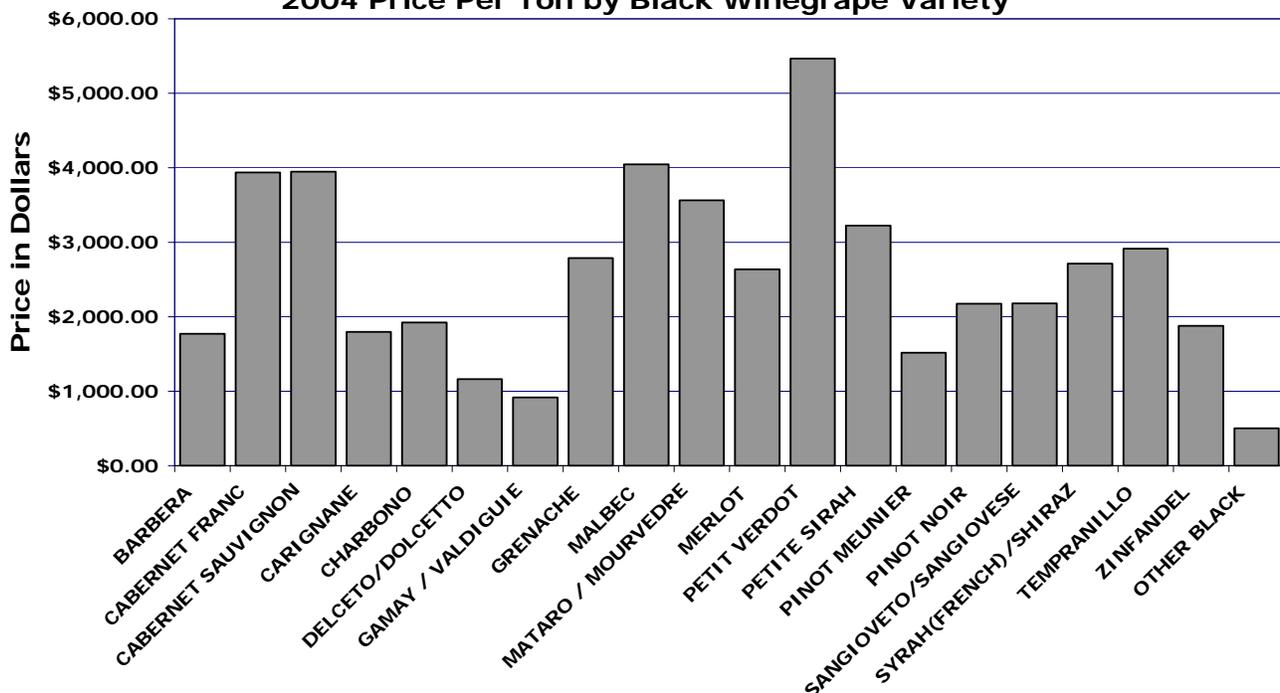


# BLACK VARIETIES 2004

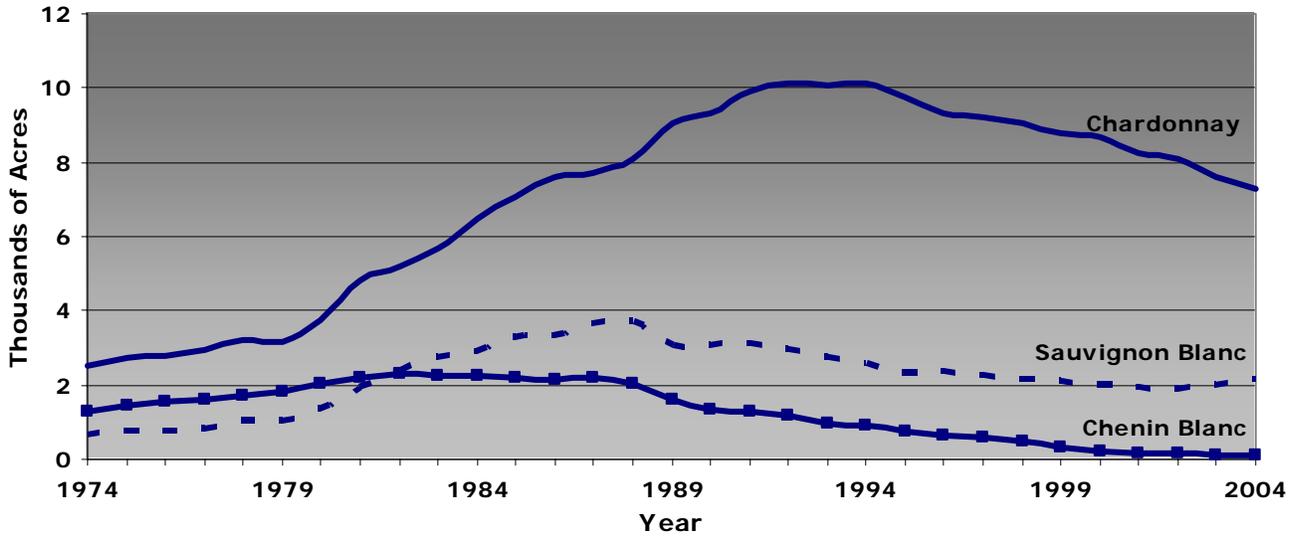
VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	PRICE PER TON**
BARBERA	8	2	10	43.3	\$1,769.20
CABERNET FRANC	937	103	1,040	2,583.5	3,935.18
CABERNET SAUVIGNON	15,917	2,466	18,383	42,385.0	3,948.16
CARIGNANE	10	1	11	23.1	1,796.08
CHARBONO	36	7	43	98.6	1,921.85
DOLCETTO	9	0	9	46.7	1,161.24
GAMAY/VALDIGUIE	57	2	59	99.0	917.32
GRENACHE	16	2	18	46.8	2,785.54
MALBEC	168	67	235	344.1	4,046.56
MATARO/MOURVEDRE	10	0	10	16.0	3563.39
MERLOT	6,971	408	7,379	22,270.3	2,635.68
MEUNIER/PINOT MEUNIER	36	2	38	117.7	1,514.95
PETIT VERDOT	340	64	404	893.4	5,465.58
PETITE SIRAH	459	92	551	1,124.2	3,221.50
PINOT NOIR	2,562	158	2,720	8,275.4	2,175.24
SANGIOVESE	392	3	395	1,116.5	2,177.88
SYRAH/SHIRAZ	846	180	1,026	2,789.7	2,710.93
TEMPRANILLO	15	2	17	58.0	2,912.29
ZINFANDEL	1,606	68	1,674	4,222.0	1,877.50
OTHER BLACKS	131	68	199	182.4	500.68
<b>TOTAL BLACKS*</b>	<b>30,526</b>	<b>3,695</b>	<b>34,221</b>	<b>86,735.7</b>	<b>\$3,263.99</b>

\*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER BLACKS: AGLIANICO, ALICANTE BOUCHET, ALVARELHAO, BLAUFRAENKISCH, CARMENERE, COUNOISE, EARLY BURGUNDY, GAMAY BOUJOLAIS, GRIGNOLINO, MONTEPULCIANO, MUSCAT HAMBURG, NEBBIOLO, NEGRETTE, PETITE BOUSCHET PFEFFER CABERNET, PINOTAGE, PORT, PRIMITIVO, REFOSCO/MONDEUSE, RUBIRED, RUBY CABERNET, SAGRANTINO, ST. MACAIRE, SOUZA, TANNAT, TINTA CAO, TINTA MADIERA, TOURIGA. \*\*PRICE PER TON OBTAINED FROM "FINAL GRAPE CRUSH REPORT 2004 CROP"

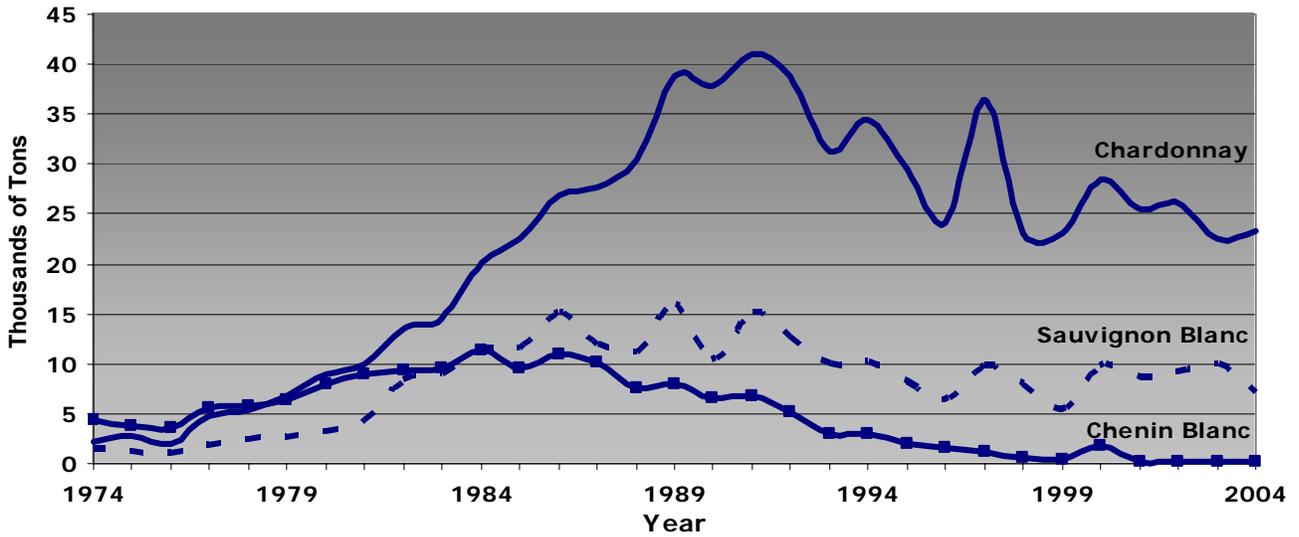
2004 Price Per Ton by Black Winegrape Variety



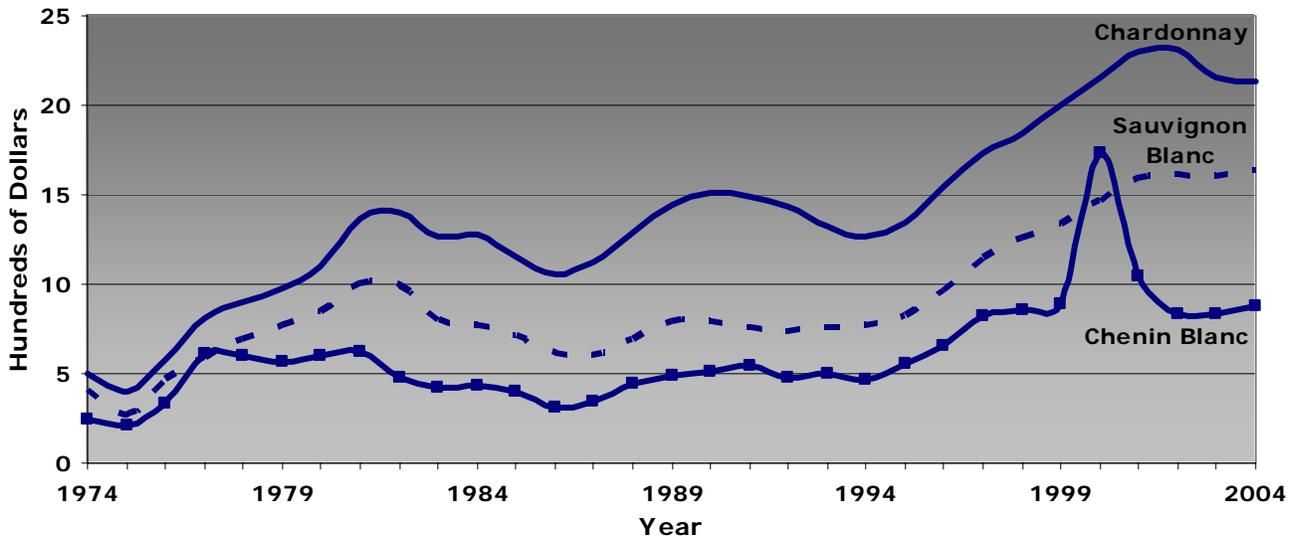
**Total White Winegrape Acreage by Year**



**Tons of White Winegrapes Crushed by Year**



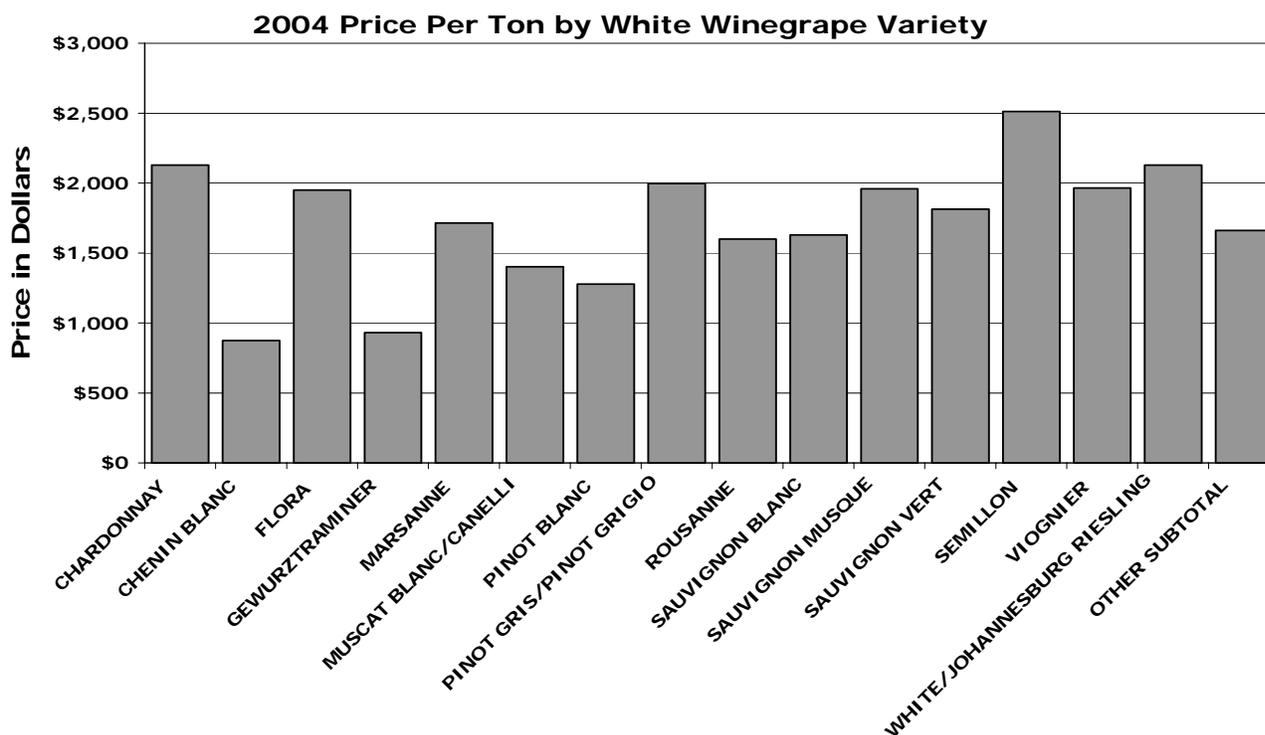
**Price Per Ton of White Winegrapes by Year**



# WHITE VARIETIES 2004

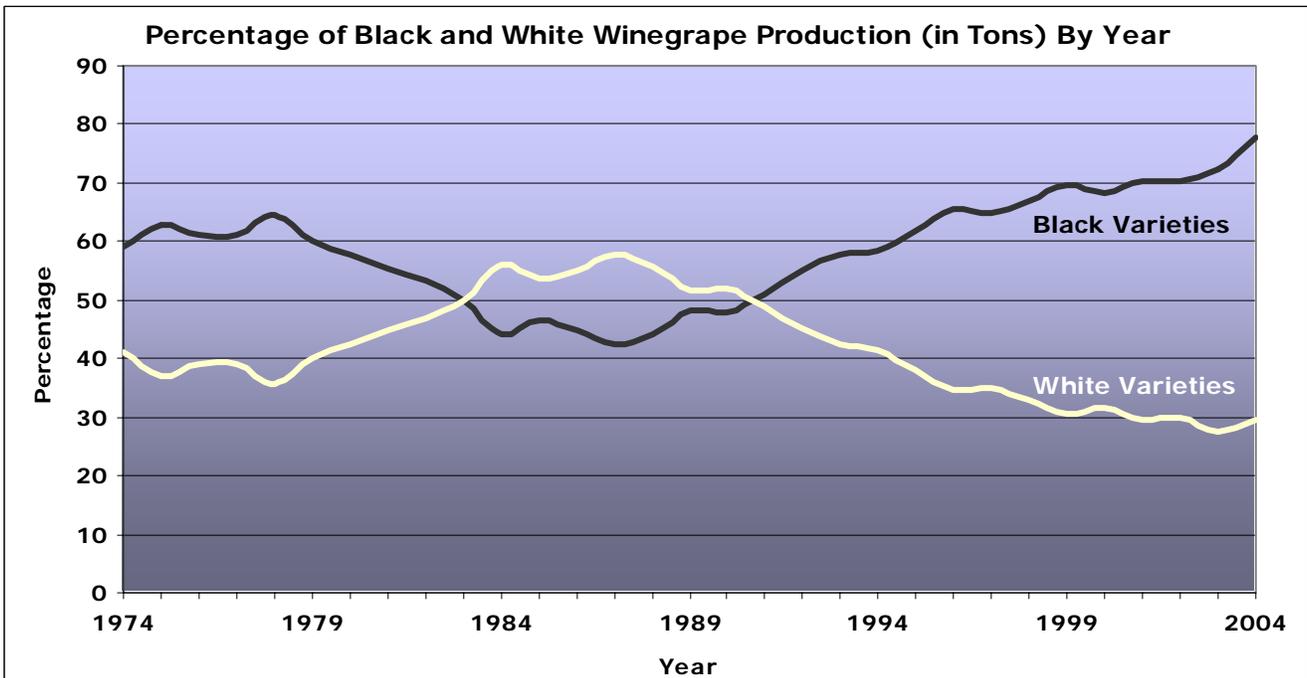
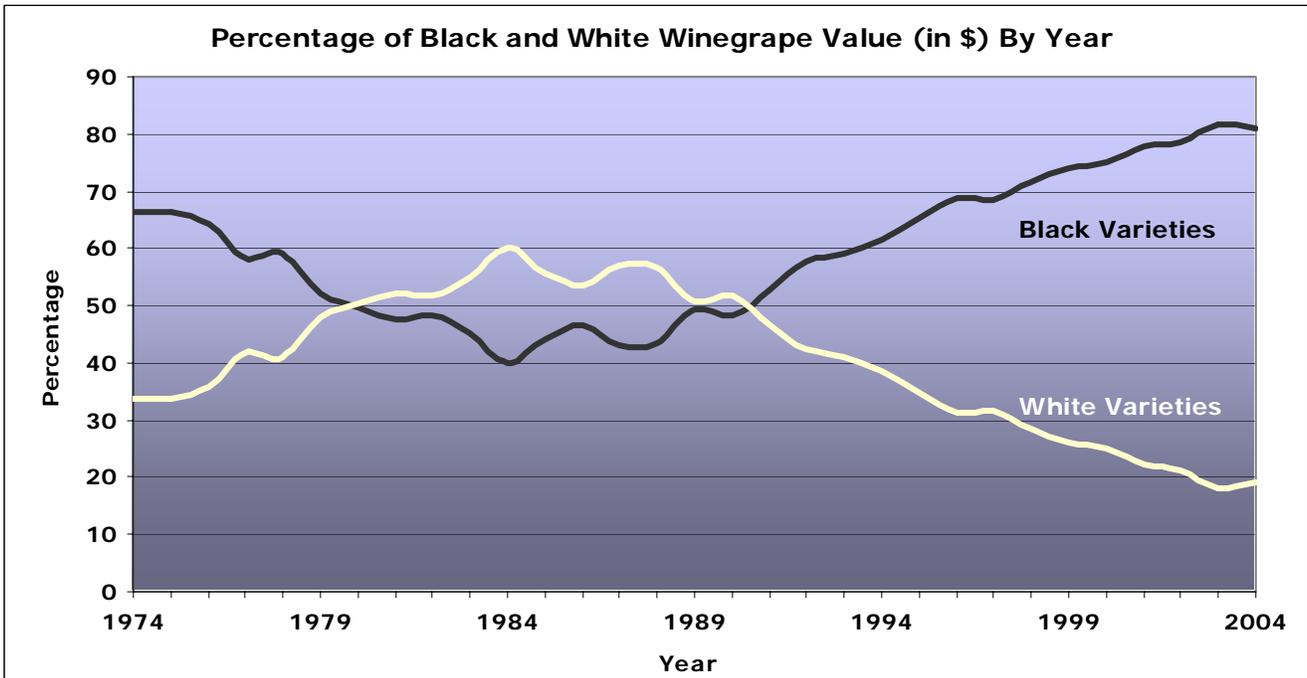
VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	PRICE PER TON**
CHARDONNAY	7,079	223	7,302	23,220.6	\$2,128.66
CHENIN BLANC	96	0	96	198.8	874.55
FLORA	5	6	11	35.4	1950.00
GEWURZTRAMINER	17	3	20	21.1	931.27
MARSANNE	5	3	8	21.0	1,714.75
MUSCAT BLANC	45	3	48	220.8	1,402.26
PINOT BLANC	30	0	30	120.3	1,277.55
PINOT GRIS/GRIGIO	159	50	209	622.9	1,997.08
ROUSSANNE	11	0	11	41.2	1,600.00
SAUVIGNON BLANC	1,944	216	2,160	7,152.9	1,629.37
SAUVIGNON MUSQUE	81	2	83	169.6	1,958.88
SAUVIGNON VERT	8	0	8	8.3	1814.46
SEMILLON	159	3	162	629.6	2,512.07
VIIGNIER	103	12	115	250.7	1,964.99
WHITE RIESLING	136	0	136	319.4	2,127.60
OTHER WHITES	35	16	51	105.7	1,661.75
<b>TOTAL WHITES*</b>	<b>9,913</b>	<b>537</b>	<b>10,450</b>	<b>33,138.3</b>	<b>\$2,004.69</b>

\*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER WHITES: ALBERINO, CATARRATTO, FRENCH COLOMBARD, GREEN HUNGARIAN, GRENACHE BLANC, GRUNER VELTLINER, MALVASIA BIANCA, MARSANNE, MONTONICO, MUSCAT OF ALEXANDRIA, ORANGE MUSCAT, PALOMINO, RIBBOLA, ST. EMILION, SCHEUREBE, TOCAI FRIULANO, VERDELHO.



# TOTAL ALL WINE GRAPES 2004

WINE GRAPES	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	AVERAGE PRICE PER TON
<b>BLACK VARIETIES</b>	<b>30,526</b>	<b>3,695</b>	<b>34,221</b>	<b>86,736</b>	<b>\$3,263.99</b>
<b>WHITE VARIETIES</b>	<b>9,913</b>	<b>537</b>	<b>10,450</b>	<b>33,138</b>	<b>\$2,004.69</b>
<b>TOTALS</b>	<b>40,439</b>	<b>4,232</b>	<b>44,671</b>	<b>119,874</b>	<b>\$2,915.86</b>



# 2004 SUSTAINABLE AGRICULTURE REPORT

## PEST EXCLUSION

REJECTED COMMODITY	INSPECTION TYPE	REASON FOR REJECTION	# OF REJECTIONS	PEST INTERCEPTIONS	FINAL DISPOSITION
MANZANO PEPPERS	UPS	INCORRECT MARKINGS	1	NO	INSPECTED & RELEASED
BAY LAUREL	UPS	INCORRECT MARKINGS	1	NO	INSPECTED & RELEASED
ROSE PLANTS	UPS	ILLEGIBLE MARKINGS	1	NO	INSPECTED & RELEASED
CITRUS FRUIT	PO BULK MAIL	CARIBBEAN FRUIT FLY & CITRUS PESTS	1	NO	TREATMENT PROVEN INSPECTED & RELEASED

## PEST ERADICATION

PEST	AGENT/MECHANISM	SCOPE
SKELETON WEED <i>CHONDRILLA JUNCEAE</i>	MECHANICAL & HERBICIDE	2 LOCATIONS 3 ACRES
IBERIAN STAR THISTLE <i>CENTAUREA IBERICA</i>	HERBICIDE	80 ACRES

## BIOLOGICAL CONTROL PROGRAMS

PEST	AGENT/MECHANISM COMMON NAME	AGENT/MECHANISM SCIENTIFIC NAME	SCOPE OF PROGRAM
YELLOW STAR THISTLE	RUST FUNGUS	<i>Puccinia jaceae</i>	2 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
PUNCTURE VINE	FLOWER WEEVIL	<i>Larinus curtus</i>	5 SITES
	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

WE HAVE SEEN A GRADUAL INCREASE IN THE NUMBER OF FARMS DEDICATED TO ORGANIC FARMING PRACTICES. THE NUMBER OF FARMS REPRESENTED BELOW ARE SOMETIMES DUPLICATIVE SINCE AN ORGANIC PRODUCER MAY PRODUCE MORE THAN ONE TYPE OF AGRICULTURAL PRODUCT. THERE ARE 46 TOTAL ORGANIC FARMS IN NAPA COUNTY.

CROP	NUMBER OF FARMS	ACRES
WINEGRAPES	34	1,166
OLIVES	4	18
OTHER FRUITS AND VEGETABLES	12	41
EGGS AND HONEY	4	N/A
CUT FLOWERS/NURSERY STOCK	5	3



***NAPA COUNTY***

***1710 SOSCOL AVENUE, SUITE #3  
NAPA, CA 94559-1315***

***DEPARTMENT OF AGRICULTURE  
AND WEIGHTS AND MEASURES***

***FORWARDING SERVICE REQUESTED***