

NAPA COUNTY



AGRICULTURAL CROP REPORT

2003



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 20, 2004

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

Brad Wagenknecht - District 1
Diane Dillon – District 3
Chairman, Mark Luce - District 2
Bill Dodd - District 4
Mike Rippey – District 5

In compliance with the provisions of Section 2279 of the California Food and Agricultural Code, I hereunder submit this report of Napa County agricultural production for the calendar year 2003. This report deals with the gross value of production and does not attempt to reflect net farm income or cost of production and marketing.

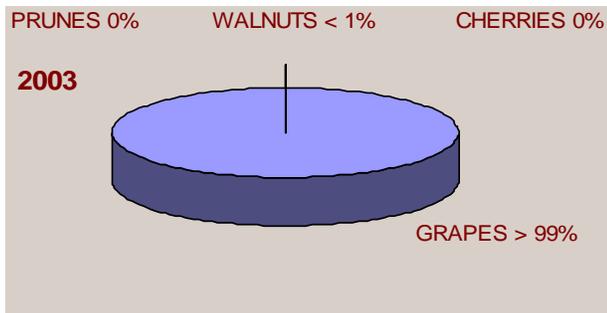
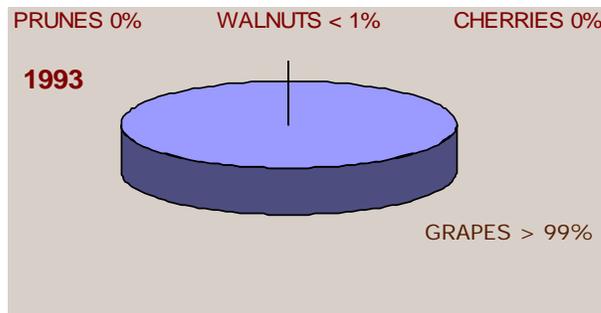
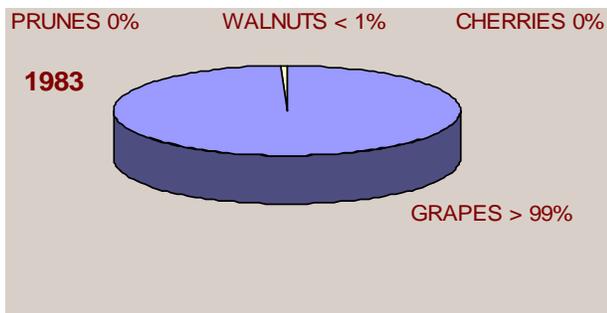
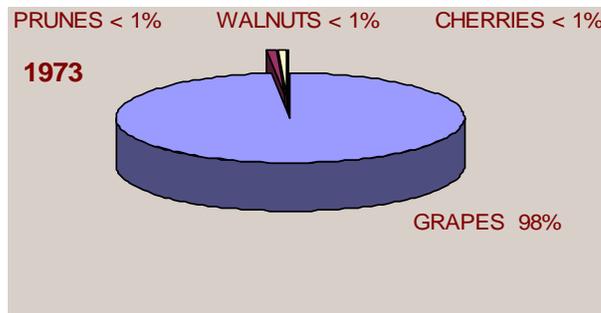
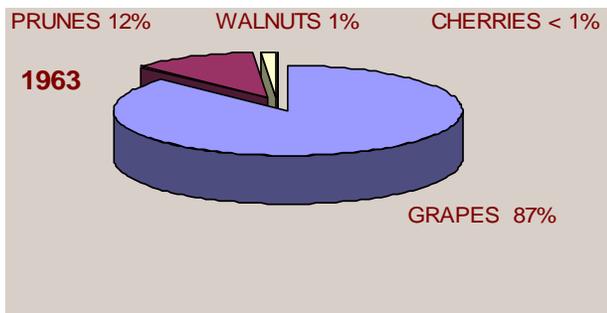
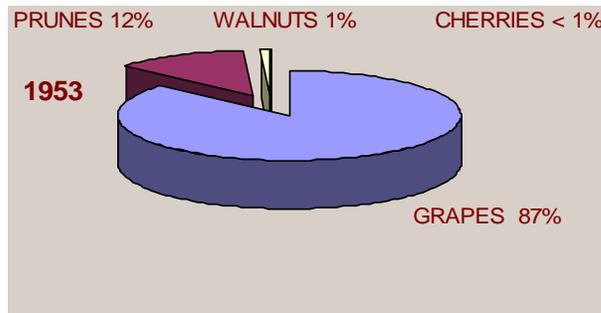
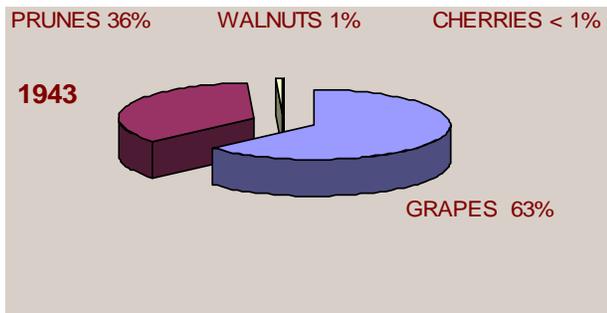
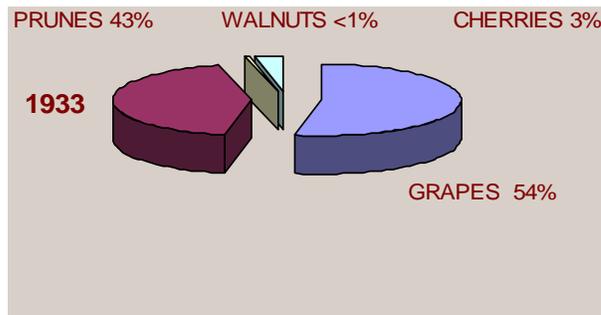
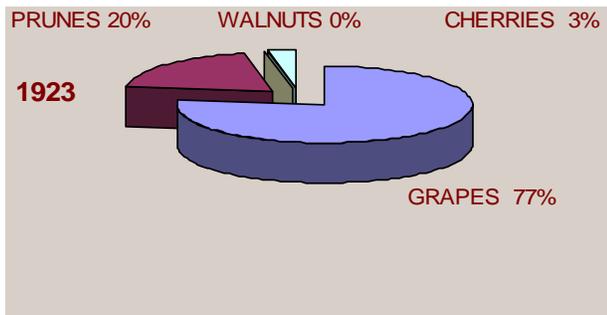
Gross value of all production was \$392,929,000, an increase of \$5,066,000 from 2002. This 1.3% increase in gross value was primarily due to an increase in average prices paid for winegrapes as well as an increase in bearing acres of winegrapes. The total value of the winegrape crop was 1.2% (\$4,670,000) while overall production decreased by 1,284.8 tons or 1.0%. Floral and nursery crops registered a decrease of 2.4% in value, from \$4,655,000 in 2002 to \$4,543,000 in 2003.

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

NAPA COUNTY CROP CHANGES THROUGH THE DECADES (BY TONS PRODUCED)



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

FRUIT AND NUT CROPS	2003	\$384,758,700
	2002	380,109,000
VEGETABLE CROPS	2003	182,000
	2002	172,000
FLORAL AND NURSERY CROPS	2003	4,543,000
	2002	4,655,000
FIELD CROPS	2003	552,500
	2002	583,000
LIVESTOCK	2003	2,439,800
	2002	1,911,000
LIVESTOCK AND POULTRY PRODUCTS	2003	453,000
	2002	433,000
GRAND TOTAL	2003	\$ 392,929,000
	2002	387,863,000

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.

BLACK VARIETIES 2003

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	PRICE PER TON**
BARBERA	22	0	22	87.1	\$1,971.61
CABERNET FRANC	927	97	1,024	2,970.3	3,861.34
CABERNET SAUVIGNON	14,573	2,885	17,458	49,623.7	4,010.85
CARIGNANE	10	0	10	40.2	1,632.83
CHARBONO	40	5	45	116.8	1,689.90
DOLCETTO	9	0	9	46.5	943.74
GAMAY/VALDIGUIE	111	2	113	167.1	931.18
GRENACHE	16	3	19	28.4	2,846.26
MALBEC	147	40	187	336.4	3,915.36
MERLOT	7,045	400	7,445	21,184.0	2,714.95
MEUNIER/PINOT MEUNIER	76	2	78	171.5	1,440.96
PETIT VERDOT	271	75	346	902.5	5,034.84
PETITE SIRAH	395	69	464	1,133.4	3,241.42
PINOT NOIR	2,510	292	2,802	8,018.1	2,141.30
PRIMITIVO	27	3	30	51.4	1,546.47
SANGIOVESE	480	0	480	1,268.0	2,224.30
SYRAH/SHIRAZ	746	183	929	2,407.8	2,860.85
TEMPRANILLO	14	1	15	84.7	2,662.75
ZINFANDEL	1,648	75	1,723	4,463.8	1,950.34
OTHER BLACKS	77	116	193	174.0	647.48
TOTAL BLACKS*	29,144	4,248	33,392	93,275.7	\$3,380.67

*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER BLACKS: AGLIANICO, ALICANTE BOUCHET, ALVARELHAO, BARBERA, BLAUFRAENKISCH, CARMENIERE, COUNOISE, EARLY BURGUNDY, GAMAY BEAUJOLAIS, GRACIANO, GRAND NOIR, GRIGNOLINO, MATARO/MOURVEDRE, MUSCAT HAMBURG, NEBBIOLO, NEGRETTE, PELOURSAN, PINOTAGE, PORT, REFOSCO/MONDEUSE, RUBIRED, RUBY CABERNET, ST. MACAIRE, TANNAT, TEROLDEGO ROTALIANO, TINTA CAO, TINTA MADEIRA, TOURIGA, AND VERDELHO.

** PRICE PER TON OBTAINED FROM "FINAL GRAPE CRUSH REPORT 2003 CROP"

WHITE VARIETIES 2003

VARIETY	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	PRICE PER TON**
CHARDONNAY	7,255	375	7,630	22,553.2	\$2,156.49
CHENIN BLANC	132	0	132	255.2	827.87
FRENCH COLOMBARD	7	0	7	16.3	404.00
GEWURZTRAMINER	18	10	28	25.3	904.37
MARSANNE	4	0	4	19.2	1,685.00
MUSCAT BLANC	53	0	53	193.1	1,384.68
PINOT BLANC	31	12	43	125.8	1,195.04
PINOT GRIS/ PINOT GRIGIO	155	37	192	562.4	1,923.31
ROUSSANNE	11	0	11	36.2	3,000.00
SAUVIGNON BLANC	1,770	223	1,993	9,924.3	1,598.51
SAUVIGNON MUSQUE	80	7	87	280.4	1,864.45
SEMILLON	168	16	184	720.6	2,238.32
VIOGNIER	109	10	119	391.8	2,056.14
WHITE RIESLING	128	4	132	371.0	1,816.79
OTHER WHITES	41	26	67	63.2	1,314.87
TOTAL WHITES*	9,962	720	10,682	35,538.0	\$1,944.53

*THE FOLLOWING VARIETIES ARE INCLUDED IN OTHER WHITES: ALICANTE BOUCHET, ALBERINO, BURGER, CATARRATTO, FRENCH COLOMBARD, GREY RIESLING, GRENACHE BLANC, HUNGARIAN MILLENIUM, MALVASIA BIANCA, MARSANNE, ORANGE MUSCAT, PALOMINO, PRIMITIVO DIEGO, SAUVIGNON VERT, SCHEUREBE, SYLVANER, AND TOCAI FRIULANO.

TOTAL ALL WINE GRAPES 2003

WINE GRAPES	BEARING ACRES	NON-BEARING ACRES	TOTAL ACRES	TONS	AVERAGE PRICE PER TON
BLACK VARIETIES	29,144	4,248	33,392	93,275.7	\$3,380.67
WHITE VARIETIES	9,962	720	10,682	35,538.0	\$1,944.53
TOTALS	39,106	4,968	44,074	128,813.7	\$3,032.51

FRUIT AND NUT CROPS

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL	UNIT	PRICE PER UNIT	TOTAL VALUE
WINE GRAPES							
BLACK	2003	29,144	3.20	93,275.7	TON		\$314,500,000
	2002	26,853	3.40	91,278.5	TON		**
WHITE	2003	9,962	3.57	35,538.0	TON		70,100,000
	2002	10,219	3.80	38,820.0	TON		**
TOTAL	2003	39,106	3.29	128,813.7	TON		384,600,000
	2002	37,072	3.51	130,098.5	TON		379,930,000
OLIVES*	2003	112	1.2	134.4	TON		57,300
WALNUTS	2003	131	.15	41.0	TON	840.00	34,400
	2002	111	.31	33.9	TON	920.00	31,000
OTHER FRUITS* & NUTS	2003						67,000
	2002						148,000
TOTALS	2003						\$384,758,700
	2002						380,109,000

* 2002 OLIVES INCLUDED IN MISCELLANEOUS FRUITS & NUTS

** INFORMATION NOT AVAILABLE IN 2002

VEGETABLE CROPS

CROP	YEAR	TOTAL VALUE
ALL VEGETABLES	2003	\$182,000
	2002	172,000

FLORAL AND NURSERY CROPS

CROP	YEAR	TOTAL VALUE
ORNAMENTALS & GRAPEVINE NURSERY STOCK, CHRISTMAS TREES, CUT FLOWERS, ETC.	2003	\$4,543,000
	2002	4,655,000

FIELD CROPS, LIVESTOCK, AND POULTRY

CROP	YEAR	ACRES	YIELD PER ACRE	TOTAL	UNIT	PRICE PER UNIT	TOTAL VALUE
OAT HAY	2003	520	3.50	1820	TON	\$85.00	\$ 154,700
	2002	540	3.00	1620	TON	77.50	126,000
IRRIGATED PASTURE	2003	280			ACRE	128.00	35,840
	2002	350			ACRE	120.00	42,000
RANGELAND	2003	95,000			ACRE	3.81	361,950
	2002	95,000			ACRE	4.15	394,000
MISCELLANEOUS FIELD CROPS	2002						21,000
TOTALS	2003						\$ 552,490
	2002						583,000

LIVESTOCK

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
FEEDER CALVES	2003	3200	CWT	\$96.60	\$ 1,545,600
	2002				1,779,000
COWS	2003	700	HEAD	850.00	585,000
SHEEP	2003	800	CWT	36.00	57,600
	2002	2,800	CWT	74.50	104,000
LAMBS	2003	2,650	CWT	89.00	235,900
OTHER LIVESTOCK (INCLUDES HOGS, ALPACA, GOATS, ETC.)	2003				15,700
	2002				28,000
TOTALS	2003				\$ 2,439,800
	2002				1,911,000

POULTRY AND LIVESTOCK PRODUCTS

	YEAR	TOTAL VALUE
TOTALS	2003	\$ 453,000
	2002	433,000

2003 SUSTAINABLE AGRICULTURE REPORT

THE FOLLOWING INFORMATION PERTAINING TO COUNTY PEST EXCLUSION ACTIVITIES, BIOLOGICAL CONTROL PROGRAMS, AND ORGANIC FARMING ACTIVITIES IN NAPA COUNTY IS PROVIDED IN COMPLIANCE WITH CALIFORNIA FOOD AND AGRICULTURAL CODE SECTION 2272.

PEST EXCLUSION

THERE ARE MANY WAYS FOR PESTS TO ENTER NAPA COUNTY. WE REGULARLY CHECK THE UNITED PARCEL SERVICE FOR INCOMING PESTS AS WELL AS ALL NURSERY SHIPMENTS AND TRUCK SHIPMENTS TAGGED AT CALIFORNIA'S BORDER STATIONS. THE TABLE BELOW IDENTIFIES THE NOTICES OF REJECTION THAT WE ISSUED IN 2003.

REJECTED COMMODITY	INSPECTION TYPE	REASON FOR REJECTION	# OF REJECTIONS	PEST INTERCEPTIONS	FINAL DISPOSITION
YA PEARS	TRUCK	POSSIBLE CONTAMINATION WITH A FUNGUS (<i>ALTERNARIA SP.</i>)	1	NO	DESTROYED
PINE CONES FROM INDIA	TRUCK	POSSIBLE CONTAMINATION WITH A PINE CONE BEETLE (<i>CHLOROPHORUS STROBILICOLA</i>)	4	NO	DESTROYED
WREATHS	UPS	INCORRECT MARKINGS	4	NO	INSPECTED & RELEASED
PLUM TREE	UPS	INCORRECT MARKINGS	1	NO	INSPECTED & RELEASED
ONION	UPS	INCORRECT MARKINGS	1	NO	INSPECTED & RELEASED
NURSERY STOCK	TRUCK	GLASSY-WINGED SHARPSHOOTER (GWSS) EGG MASSES	3	YES	RETURN TO SHIPPER
NURSERY STOCK	TRUCK	LACK OF CERTIFICATION FOR GWSS	2	NO	INSPECTED & RELEASED/ DESTROYED
NURSERY STOCK	TRUCK	LACK OF TREATMENT FOR GWSS	1	NO	TREATED AT DESTINATION

PEST ERADICATION

THE NAPA COUNTY AGRICULTURAL COMMISSIONER'S OFFICE HAS CONTINUED TO WORK ON THE ERADICATION OF 4 RATED NOXIOUS WEEDS. THESE INCLUDE THE A-RATED SKELETON WEED AND IBERIAN STAR THISTLE, AND THE B-RATED WEEDS WHITE HORSE NETTLE AND ARTICHOKE THISTLE. EACH OF THESE WEEDS MAY HAVE AN IMPACT ON BOTH NAPA COUNTY AGRICULTURE AND NAPA COUNTY WILD LAND REGIONS. RESOURCES FOR THE MANAGEMENT OF THESE AND OTHER NOXIOUS WEEDS CAN BE FOUND IN THE ENCYCLOWEEDIA AT CDFA'S WEBSITE AT WWW.CDFA.CA.GOV.

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

2003 SUSTAINABLE AGRICULTURE REPORT

2003 SUSTAINABLE AGRICULTURE REPORT

BIOLOGICAL CONTROL PROGRAMS

BIOLOGICAL PEST CONTROL IS THE DELIBERATE USE OF NATURAL ENEMIES TO SUPPRESS OR MANAGE PEST POPULATIONS AT ACCEPTABLE LEVELS. A NUMBER OF BIOLOGICAL CONTROL AGENTS HAVE BEEN IDENTIFIED FOR USE ON WEEDS AND INSECT PESTS IN NAPA COUNTY. BIOLOGICAL PEST CONTROL CAN BE ECONOMICAL ONCE THE AGENT BECOMES ESTABLISHED AND IN BALANCE WITH THE PEST POPULATION. BIOCONTROL IS SELF PERPETUATING, REDUCING THE NEED TO USE PESTICIDES OR OTHER CONTROL OPTIONS.

PEST	AGENT/MECHANISM COMMON NAME	AGENT/MECHANISM SCIENTIFIC NAME	SCOPE OF PROGRAM
YELLOW STAR THISTLE	*RUST FUNGUS	<i>PUCCHINI JACEAE</i>	1 SITE
YELLOW STAR THISTLE	SEED HEAD WEEVIL	<i>BANGASTERNUS ORIENTALIS</i>	ESTABLISHED
YELLOW STAR THISTLE	PEACOCK FLY	<i>CHAETORELLIA AUSTRALIS</i>	ESTABLISHED
YELLOW STAR THISTLE	GALL FLY	<i>UROPHORA SIRUNASEVA</i>	ESTABLISHED
YELLOW STAR THISTLE	HAIRY WEEVIL	<i>EUSTENOPUS VILLOSIS</i>	ESTABLISHED
YELLOW STAR THISTLE	FLOWER WEEVIL	<i>LARINUS CURTUS</i>	5 SITES
PUNCTURE VINE	STEM WEEVIL	<i>MICROLARINUS LYPRIIFORMIS</i>	ESTABLISHED
PUNCTURE VINE	SEED WEEVIL	<i>MICROLARINUS LAREYNI</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>	1 SITE
POISON HEMLOCK	HEMLOCK MOTH	<i>AGONOPTERIX ALSTROEMERIANA</i>	ESTABLISHED
PURPLE STAR THISTLE	SEED WEEVIL	<i>BANGASTERNUS FAUSTI</i>	4 SITES

*NEW IN 2003!

ORGANIC FARMING STATISTICS

THE ORGANIC FOODS PRODUCTION ACT (OFPA), ENACTED UNDER TITLE 21 OF THE 1990 FARM BILL, SERVED TO ESTABLISH UNIFORM NATIONAL STANDARDS FOR THE PRODUCTION AND HANDLING OF FOODS LABELED AS "ORGANIC." THE ACT AUTHORIZED A NEW USDA NATIONAL ORGANIC PROGRAM (NOP) TO SET NATIONAL STANDARDS FOR THE PRODUCTION, HANDLING, AND PROCESSING OF ORGANICALLY GROWN AGRICULTURAL PRODUCTS. IN ADDITION, THE PROGRAM OVERSEES MANDATORY CERTIFICATION OF ORGANIC PRODUCTION. WE HAVE SEEN A GRADUAL INCREASE IN THE NUMBER OF FARMS AND ACRES DEDICATED TO ORGANIC FARMING PRACTICES.

CROP	NUMBER OF FARMS	ACRES
WINEGRAPES	19	1314.5
FRUITS AND VEGETABLES	5	9.5
LAVENDER	2	1.5



NAPA COUNTY

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

FORWARDING SERVICE REQUESTED

*DEPARTMENT OF AGRICULTURE
AND WEIGHTS AND MEASURES*

PRESORTED
STANDARD
US POSTAGE
PAID
NAPA CA
PERMIT NO 3