

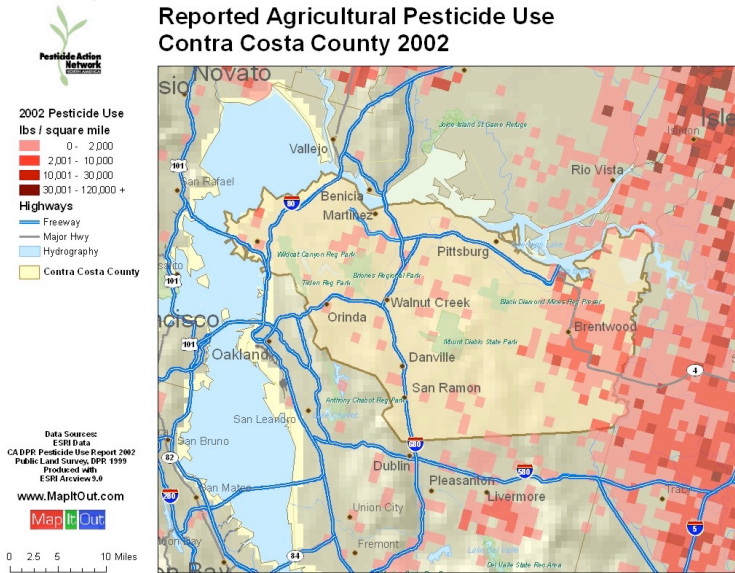
County View

Contra Costa County

2005 Population 1,009,540

Resident Endangered Species

Reported Agricultural Pesticide Use Contra Costa County 2002



Species	Resident in county*
Delta Smelt	Yes-CH
Alameda Whipsnake	Yes-CH
Clapper Rail	Yes
Harvest Mouse	Yes
California Tiger Salamander	Yes
San Joaquin Kit Fox	Yes
Tidewater Goby	No
San Francisco Garter Snake	No
California Freshwater Shrimp	No
Valley Elderberry Longhorn Beetle	No
Bay Area Checkerspot Butterfly	No

*CH = Critical Habitat

Top Crops for All Pesticide Use

Crop Name	Total Pounds of all chemicals 2005 in this county
STRUCTURAL PEST CONTROL	201,414
PUBLIC HEALTH PEST CONTROL	154,796
RIGHTS OF WAY	153,745
GRAPES, WINE	141,976
LANDSCAPE MAINTENANCE	78,969
CORN, HUMAN CONSUMPTION	22,241
TOMATOES, FOR	18,903
AQUATIC SITE - INDUSTRIAL USE	11,640
UNCULTIVATED AGRICULTURAL	6,331
APPLE	6,181
ALFALFA (FORAGE - FODDER)	6,097
CORN (FORAGE - FODDER)	4,734
PEACH	4,484
ASPARAGUS (SPEARS, FERNS,	4,456
WALNUT (ENGLISH WALNUT,	3,846
COMMODITY FUMIGATION	3,660
CHERRY	3,590
REGULATORY PEST CONTROL	3,331
APRICOT	3,088
SOIL APPLICATION, PREPLANT-	2,530
POTATO (WHITE, IRISH, RED,	1,470
AQUATIC AREAS, WATER AREAS	1,359
N-OUTDR CONTAINER/FLD GRWN	1,283
WHEAT, GENERAL	1,210
N-GRNHS GRWN PLANTS IN	743

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Pesticides of Potential Concern

Chem Name	UseType*	PUR Pounds in 2005**	Estimated Unreported Use in This County***	CA Reg
Sodium Bromide	M	150,160.24		Yes
Sulfur	F	137,996.09		Yes
Petroleum Distillates	I	134,620.91		Yes
Glyphosate, Isopropylamine Salt	H	54,982.96		Yes
Metam-Sodium	F	29,850.27		Yes
Borax	I	27,512.52		Yes
Diuron	H	22,189.33	34,289	Yes
Copper Naphthenate	WP	16,367.11		Yes
Sodium Hypochlorite	M	14,478.80		Yes
Sulfuryl Fluoride	F	14,073.94	1,982	Yes
Chlorothalonil	F	11,599.41	9,923	Yes
Methomyl	I	9,277.88		Yes
Cypermethrin	I	9,199.61	-3,229	Yes
Sodium Fluoride	WP	8,648.34		Yes
Copper Ethylenediamine Complex	H	8,276.42		Yes
Acrolein	A	8,188.73		Yes
Propargite	I	7,429.46	7,856	Yes
Bacillus Sphaericus, Serotype H-5a5b,	I	6,837.80		Yes
Petroleum Distillates, Refined	I	6,464.45		Yes
Triclopyr, Butoxyethyl Ester	H	5,995.93		Yes
Pendimethalin	H	5,293.93	12,026	Yes
2,4-D, Dimethylamine Salt	H	5,088.79		Yes
Glutaraldehyde	M	5,055.30		Yes
Copper Hydroxide	F	4,941.17		Yes
Methyl Bromide	F	4,896.76		Yes
Mancozeb	F	4,688.79		Yes
Mineral Oil	I	4,624.49		Yes
Disodium Octaborate Tetrahydrate	I	4,106.52		Yes
Oryzalin	H	3,456.40	7,023	Yes
Copper Ethanolamine Complexes,	A	3,391.39		Yes
Carbaryl	I	3,055.18	6,252	Yes
Diglycolamine Salt Of 3,6-Dichloro-O-	H	2,836.74		Yes
Bifenthrin	I	2,791.89	-503	Yes
Permethrin	I	2,656.09	-1,929	Yes
Petroleum Oil, Unclassified	I	2,598.71		Yes
Copper Salts Of Fatty And Rosin Acids	F	2,491.94		Yes
Methoprene	I	2,392.45	529	Yes
Simazine	H	2,207.07	20,797	Yes
Chlorpyrifos	I	2,058.43	10,008	Yes
Paraquat Dichloride	H	2,053.69		Yes
MCPA, Dimethylamine Salt	H	2,023.97		Yes
Piperonyl Butoxide	S	1,974.04		Yes
Boric Acid	I	1,904.61		Yes
Prodamine	H	1,876.70		Yes
1-Bromo-3-Chloro-5,5-Dimethyl	M	1,847.61		Yes
Glyphosate, Monoammonium Salt	H	1,839.70		Yes
Potassium Bicarbonate	F	1,824.65		Yes
Oxydemeton-Methyl	I	1,807.20		Yes
Copper Sulfate (Basic)	F	1,801.38		Yes
Bromacil	H	1,786.86		Yes
1,3-Dichloropropene	F	1,760.36	-145,142	Yes
Diazinon	I	1,759.67	3,075	Yes
Phosmet	I	1,532.24	3,079	Yes
Poly (Oxy-1,2-Ethanediy), Alpha-	I	1,512.31		Yes
Oxadiazon	H	1,414.00		Yes
Ziram	F	1,299.52		Yes
Lime-Sulfur	I	1,266.91		Yes
Triclopyr, Triethylamine Salt	H	1,225.60		Yes
Imidacloprid	I	1,205.20	164	Yes
Azinphos Methyl	I	1,165.00	433	Yes
Diquat Dibromide	H	1,146.36	3,197	Yes
PCNB	F	1,144.78		Yes
Chlorfenapyr	I	1,139.84		Yes
Linuron	H	1,118.90		Yes
Copper Sulfate (Pentahydrate)	A	1,085.84		Yes
Cyfluthrin	I	1,071.36	-358	Yes
Fluridone	H	1,057.15		Yes
(S)-Metolachlor	H	1,008.23	77	Yes
Propiconazole	F	1,001.33		Yes
Thiophanate-Methyl	F	954.46		Yes

*Use types: H=Herbicide, I=Insecticide, F=Fungicide, R=Rodenticide, M=Microbiocide, Mo=Molluscicide, PGR=Plant Growth Regulator, WP=Wood Preservative

**For all rodenticides and other pesticides with reported use >750 pounds

***Calculated as follows using statewide sales and use (PUR) data:
 $(\text{Reported Sales} - \text{Reported Use}) \times (\text{County population} / \text{CA population})$
 Negative numbers suggest that sales data are incorrect. ALL of these numbers should be taken with a grain of salt because of transition in the sales reporting system.

County View

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Isoxaben	H	953.97		Yes
Methyl Parathion	I	944.37		Yes
Fipronil	I	929.12	-1,264	Yes
Oxyfluorfen	H	908.25	126,958	Yes
Iprodione	F	860.32		Yes
1,3-Dichloro-5,5-Dimethylhydantoin	M	843.65		Yes
Fosetyl-Al	F	810.50		Yes
Silica Aerogel	I	808.59		Yes
Chloropicrin	F	799.19		Yes
Polybutenes	R	595.59		Yes
Zinc Phosphide	R	50.61		Yes
Strychnine	R	25.52		Yes
Sodium Nitrate	R	20.95		Yes
Castor Oil	R	4.41		Yes
Diphacinone	R	1.54		Yes
Bromadiolone	R	0.42		Yes
Chlorophacinone	R	0.23		Yes
Difethialone	R	0.19		Yes
Warfarin	R	0.09		Yes
Brodifacoum	R	0.07		Yes
Bromethalin	R	0.03		Yes
Cholecalciferol	R	0.01		Yes
Benzyldiethyl [(2,6-Xylylcarbamoyl)	R	0.00		Yes
Diphacinone, Sodium Salt	R	0.00		Yes
2-Isovaleryl 1-1,3-Indandione, Calcium	R	0.00		No
1080	R	0.00		No