Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical	Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN					
	ALMOND	16.2893	28	1,189.50	A
	CUCUMBER	0.2977	2	27.14	A
	GRAPE, WINE	6.3145	18	491.10	A
	N-OUTDR PLANTS IN CONTAINERS	0.2992	13	36.82	A
	PEAR	2.3621	8	157.50	A
	PRUNE	1.1848	1	80.00	A
	SQUASH	0.0012	1	0.14	A
	STRAWBERRY	0.0692	2	6.00	A
	STRUCTURAL PEST CONTROL	0.0231			
	TOMATO	0.0074	1	2.00	A
	TOMATO, PROCESSING	17.8757	73	3,760.00	A
	WALNUT	18.8210	31	1,236.00	A
	Chemical Total	63.5452	178		
ABAMECTIN, OTHER RELATED					
	STRUCTURAL PEST CONTROL	0.0000			
	Chemical Total				
ACEPHATE					
	LANDSCAPE MAINTENANCE	1.0079			
	N-OUTDR PLANTS IN CONTAINERS	23.2194	11	40.90	A
	PEPPER, FRUITING	23.2725	2	23.33	A
	PEPPER, SPICE	0.0938	1	0.20	A
	STRUCTURAL PEST CONTROL	32.2629			
	Chemical Total	79.8565	14		
ACETAMIPRID					
	GRAPE, WINE	7.4620	4	155.00	A
	PEAR	0.4376	3	3.00	A
	PRUNE	1.8200	1	32.00	A
	PUMPKIN	4.1370	1	43.00	A
	TOMATO, PROCESSING	40.1013	11	614.40	A
	Chemical Total	53.9579	20		
ACID BLUE 9, DIAMMONIUM SALT					
	LANDSCAPE MAINTENANCE	69.7909			
	Chemical Total	69.7909			
ACROLEIN					
	RIGHTS OF WAY	1,977.3066			
	Chemical Total	1,977.3066			
ALCOHOLS, C4-C12, NORMAL					
	LANDSCAPE MAINTENANCE	0.0132			
	Chemical Total	0.0132			
ALPHA-ALKYLARYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
	ALFALFA	3.6624	5	124.60	A
	GRAPE, WINE	65.1254	2	207.66	A
	RESEARCH COMMODITY	0.0594			
	Chemical Total	68.8472	7		
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE					
	STRUCTURAL PEST CONTROL	4.8759			
	Chemical Total	4.8759			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE				
STRUCTURAL PEST CONTROL	0.6435			
Chemical Total	0.6435			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	330.3252	121	6,649.00	A
ALMOND	38.0900	12	906.50	A
APRICOT	0.2856	1	2.00	A
BEAN, DRIED	20.2926	10	479.00	A
CHERRY	0.5637	1	2.00	A
CORN (FORAGE - FODDER)	20.4523	11	519.00	A
PEACH	0.2931	3	2.00	A
PEPPER, FRUITING	4.9604	5	132.00	A
PUMPKIN	0.6390	1	29.20	A
RYEGRASS	1.4881	4	39.50	A
SAFFLOWER	2.0950	1	111.50	A
SORGHUM (FORAGE - FODDER)	5.7120	1	76.00	A
SUNFLOWER	22.6225	8	500.00	A
TOMATO, PROCESSING	181.7730	99	4,189.10	A
UNCULTIVATED AG	115.7168	68	3,240.90	A
UNCULTIVATED NON-AG	0.1353	1	5.00	A
WALNUT	76.6403	68	1,412.25	A
WHEAT	414.3137	76	3,836.20	A
Chemical Total	1,236.3986	491		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	11.0928	2	78.80	A
PEAR	22.5770	7	259.00	A
WHEAT	25.5304	8	241.90	A
Chemical Total	59.2002	17		
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	8.1989	1	28.00	A
BEAN, DRIED	16.8369	2	115.00	A
Chemical Total	25.0358	3		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	1.0188	1	28.00	A
BEAN, DRIED	2.0922	2	115.00	A
Chemical Total	3.1110	3		
ALPHA-PINENE BETA-PINENE COPOLYMER				
APPLE	4.4643	6	29.40	A
BEET	3.1069	3	6.00	A
BROCCOLI	11.1849	5	18.00	A
CHERRY	2.5259	2	11.20	A
GRAPE, WINE	56.0913	25	260.00	A
LANDSCAPE MAINTENANCE	2.4855			
PEAR	62.1321	8	225.70	A
TOMATO	3.1069	1	5.00	A
Chemical Total	145.0978	50		
ALKYL (C8,C10) POLYGLYCOSIDE				
ALFALFA	4.2063	2	78.80	A
ALMOND	3.7793	2	21.20	A
CORN (FORAGE - FODDER)	7.0462	3	132.00	A
GRAPE, WINE	44.4921	17	121.12	A
LANDSCAPE MAINTENANCE	151.4780			
ONION, DRY	1.3612	1	16.60	A
PEAR	10.3541	3	78.00	A
PRUNE	9.6885	4	339.00	A
RIGHTS OF WAY	25.6224			
SAFFLOWER	2.4128	1	45.00	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (C8,C10) POLYGLYCOSIDE				
TOMATO	4.1703	1	10.00	A
TOMATO, PROCESSING	19.8653	7	310.10	A
UNCULTIVATED AG	146.3260	21	1,063.20	A
WALNUT	27.7546	13	231.50	A
WHEAT	6.3629	1	119.00	A
Chemical Total	464.9200	76		
D-TRANS ALLETHRIN				
LANDSCAPE MAINTENANCE	0.0031			
STRUCTURAL PEST CONTROL	0.2753			
Chemical Total	0.2784			
ALLYLOXYPOLYETHYLENE GLYCOL ACETATE				
ALFALFA	64.9473	80	4,592.20	A
ALMOND	0.6299	2	20.00	A
APRICOT	0.2199	1	2.00	A
CABBAGE	1.4844	3	66.00	A
CHERRY	0.1466	2	6.00	A
GRAPE, WINE	37.5523	24	714.06	A
LANDSCAPE MAINTENANCE	9.2525			
N-OUTDR PLANTS IN CONTAINERS	0.2864	2	3.89	A
PEACH	0.0733	1	1.50	A
PEPPER, FRUITING	3.6102	7	229.00	A
PUBLIC HEALTH	0.0550			
SORGHUM (FORAGE - FODDER)	6.7256	2	367.00	A
SUNFLOWER	0.3665	1	20.00	A
TOMATO, PROCESSING	30.8793	28	1,404.00	A
UNCULTIVATED AG	0.5864	1	32.00	A
WALNUT	46.9690	56	1,274.75	A
Chemical Total	203.7846	210		
ALUMINUM PHOSPHIDE				
COMMODITY FUMIGATION	1.2540			
LANDSCAPE MAINTENANCE	44.9734			
WALNUT	1.8810	1	10.00	A
Chemical Total	48.1084	1		
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE				
CUCUMBER	0.7831	7	15.35	A
WALNUT	1.0855	6	60.50	A
Chemical Total	1.8686	13		
AMINOPYRALID, TRIISOPROPANOLAMINE SALT				
LANDSCAPE MAINTENANCE	47.8073			
RANGELAND	52.7133	1	250.00	A
RIGHTS OF WAY	107.8457			
UNCULTIVATED AG	25.3059	1	120.00	A
Chemical Total	233.6722	2		
4-AMINOPYRIDINE				
STRUCTURAL PEST CONTROL	0.1673			
Chemical Total	0.1673			
AMMONIUM NITRATE				
ALFALFA	40.1257	121	6,563.80	A
ALMOND	6.7145	14	927.70	A
APRICOT	0.0369	1	2.00	A
BEAN, DRIED	2.6184	10	479.00	A
CHERRY	0.0727	1	2.00	A
CORN (FORAGE - FODDER)	5.9943	14	651.00	A
GRAPE, WINE	21.1867	17	121.12	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
AMMONIUM NITRATE				
ONION, DRY	0.6482	1	16.60	A
PEACH	0.0378	3	2.00	A
PEAR	4.9305	3	78.00	A
PEPPER, FRUITING	0.6401	5	132.00	A
PRUNE	4.6136	4	339.00	A
RIGHTS OF WAY	12.2011			
RYEGRASS	0.1920	4	39.50	A
SAFFLOWER	1.4193	2	156.50	A
SORGHUM (FORAGE - FODDER)	0.7370	1	76.00	A
SUNFLOWER	2.9190	8	500.00	A
TOMATO	1.9859	1	10.00	A
TOMATO, PROCESSING	32.9143	106	4,499.20	A
UNCULTIVATED AG	81.6522	88	4,256.30	A
UNCULTIVATED NON-AG	0.0175	1	5.00	A
WALNUT	10.6516	69	1,419.75	A
WHEAT	55.0236	72	3,556.20	A
Chemical Total	287.3329	546		
AMMONIUM PROPIONATE				
ALMOND	1.4943	2	58.00	A
WALNUT	43.4626	17	175.50	A
Chemical Total	44.9569	19		
AMMONIUM SULFATE				
ALFALFA	962.5625	125	6,693.80	A
ALMOND	149.8653	18	1,077.88	A
APRICOT	0.9121	1	2.00	A
BEAN, DRIED	64.8054	10	479.00	A
CHERRY	1.8001	1	2.00	A
CORN (FORAGE - FODDER)	72.0261	14	651.00	A
GRAPE, WINE	56.8552	18	171.12	A
ONION, DRY	1.2964	1	16.60	A
PEACH	0.9361	3	2.00	A
PEAR	9.8611	3	78.00	A
PEPPER, FRUITING	15.8413	5	132.00	A
PRUNE	9.2271	4	339.00	A
RIGHTS OF WAY	24.4022			
RYEGRASS	4.7524	4	39.50	A
SAFFLOWER	14.2988	4	231.50	A
SORGHUM (FORAGE - FODDER)	18.2415	1	76.00	A
SUNFLOWER	86.8135	14	798.00	A
TOMATO	3.9717	1	10.00	A
TOMATO, PROCESSING	599.4204	106	4,499.20	A
UNCULTIVATED AG	507.0455	90	4,366.30	A
UNCULTIVATED NON-AG	0.4320	1	5.00	A
WALNUT	283.2142	99	1,779.14	A
WHEAT	1,292.9020	72	3,556.20	A
Chemical Total	4,181.4829	595		
ATRAZINE				
CORN (FORAGE - FODDER)	116.1495	2	142.00	A
SORGHUM (FORAGE - FODDER)	77.5832	3	66.00	A
Chemical Total	193.7327	5		
ATRAZINE, OTHER RELATED				
CORN (FORAGE - FODDER)	2.4539	2	142.00	A
SORGHUM (FORAGE - FODDER)	1.6391	3	66.00	A
Chemical Total	4.0930	5		
AZADIRACHTIN				
CUCUMBER	0.0306	4	0.56	A
LANDSCAPE MAINTENANCE	0.1181			
N-OUTDR PLANTS IN CONTAINERS	0.2768	4	7.33	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
AZADIRACHTIN				
PEPPER, FRUITING	0.0067	2	0.28	A
RESEARCH COMMODITY	0.0011			
SQUASH	0.0056	2	0.28	A
Chemical Total	0.4389	12		
AZINPHOS-METHYL				
PEAR	15.0000	2	10.00	A
Chemical Total	15.0000	2		
AZOXYSTROBIN				
ALMOND	96.6852	6	465.00	A
CORN (FORAGE - FODDER)	2.9317	1	20.00	A
GRAPE	3.8986	2	16.00	A
GRAPE, WINE	8.3628	1	43.83	A
LANDSCAPE MAINTENANCE	7.0216			
N-OUTDR PLANTS IN CONTAINERS	10.6455	28	70.99	A
PEACH	0.9746	3	6.00	A
SQUASH	0.1960	1	1.00	A
TOMATO	2.1442	3	22.00	A
TOMATO, PROCESSING	217.3656	42	2,334.30	A
WHEAT	238.2393	25	1,543.50	A
WHEAT (FORAGE - FODDER)	13.4528	2	83.00	A
Chemical Total	601.9179	114		
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362				
PUBLIC HEALTH	0.8852			
Chemical Total	0.8852			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. AIZAWAI, SEROTYPE H-7				
ALFALFA	11.3300	1	57.00	A
TOMATO, PROCESSING	7.4160	1	72.00	A
Chemical Total	18.7460	2		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENSIS, SEROTYPE H-14				
CUCUMBER	0.0143	2	0.28	A
N-OUTDR PLANTS IN CONTAINERS	0.3576	5	0.91	A
PUBLIC HEALTH	2.8800			
RESEARCH COMMODITY	0.6135	28	2.80	A
SQUASH	0.0143	2	0.28	A
Chemical Total	3.8797	37		
BACILLUS THURINGIENSIS, SUBSP. ISRAELENSIS, STRAIN AM 65-52				
LANDSCAPE MAINTENANCE	0.0560			
Chemical Total	0.0560			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B				
PEACH	0.0320	1	0.50	A
Chemical Total	0.0320	1		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
BEET	1.6200	3	6.00	A
BROCCOLI	4.8600	5	18.00	A
CORN, HUMAN CONSUMPTION	6.4800	4	12.00	A
N-OUTDR PLANTS IN CONTAINERS	0.2700	1	0.53	A
PEACH	0.1739	2	4.00	A
PLUM	0.0435	1	1.00	A
Chemical Total	13.4474	16		

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1				
PEACH	0.0515	1	0.25	A
Chemical Total	0.0515	1		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11				
SORGHUM (FORAGE - FODDER)	147.9000	2	116.00	A
Chemical Total	147.9000	2		
BENEFIN				
LANDSCAPE MAINTENANCE	86.5575			
RESEARCH COMMODITY	4.3800			
Chemical Total	90.9375			
BENZOIC ACID				
ALFALFA	30.1715	72	4,075.50	A
CORN (FORAGE - FODDER)	8.0679	26	906.00	A
FORAGE HAY/SILAGE	0.4375	1	54.00	A
OAT	0.0486	2	6.00	A
OAT (FORAGE - FODDER)	1.6780	5	207.00	A
RANGELAND	0.5914	1	250.00	A
RIGHTS OF WAY	0.0892			
RYEGRASS	4.4283	12	417.00	A
SAFFLOWER	2.4103	1	111.50	A
UNCULTIVATED AG	13.4303	18	1,215.50	A
WHEAT	14.1501	35	1,753.80	A
Chemical Total	75.5031	173		
BIFENAZATE				
GRAPE, WINE	230.7129	27	704.01	A
LANDSCAPE MAINTENANCE	0.1590			
N-OUTDR PLANTS IN CONTAINERS	3.2913	13	31.79	A
RESEARCH COMMODITY	0.0134			
Chemical Total	234.1766	40		
BIFENTHRIN				
BEAN, SUCCULENT	21.2481	1	25.00	A
CORN (FORAGE - FODDER)	13.2199	3	132.00	A
CUCUMBER	22.9479	1	27.00	A
LANDSCAPE MAINTENANCE	5.5552			
N-OUTDR PLANTS IN CONTAINERS	16.0569	11	24.78	A
PEPPER, FRUITING	378.0455	9	451.00	A
SQUASH	0.2483	2	3.50	A
STRUCTURAL PEST CONTROL	287.0538			
TOMATO, PROCESSING	3,072.7085	93	4,667.60	A
UNCULTIVATED AG	3.9924	1	43.00	A
WALNUT	29.2400	5	318.00	A
WATERMELON	7.6493	1	9.00	A
Chemical Total	3,857.9658	127		
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS				
CHERRY	1.1675	6	18.29	A
NECTARINE	0.0356	1	1.00	A
RIGHTS OF WAY	3.2647			
Chemical Total	4.4678	7		
BORAX				
ONION, DRY	0.2021	1	12.30	A
STRUCTURAL PEST CONTROL	10.2174			
Chemical Total	10.4195	1		

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BORIC ACID				
LANDSCAPE MAINTENANCE	0.0034			
STRUCTURAL PEST CONTROL	534.2681			
Chemical Total	534.2715			
BOSCALID				
ALMOND	248.6294	32	1,307.50	A
APRICOT	1.1012	2	4.50	A
CHERRY	3.7918	6	22.00	A
GRAPE, WINE	286.2306	47	1,626.33	A
ONION, DRY	3.5839	1	12.30	A
PEACH	5.9063	1	30.00	A
Chemical Total	549.2432	89		
BRODIFACOUM				
STRUCTURAL PEST CONTROL	0.0198			
Chemical Total	0.0198			
BROMACIL				
LANDSCAPE MAINTENANCE	68.3825			
RIGHTS OF WAY	1,080.0000			
Chemical Total	1,148.3825			
BROMADIOLONE				
LANDSCAPE MAINTENANCE	0.0005			
STRUCTURAL PEST CONTROL	0.2238			
Chemical Total	0.2243			
BROMETHALIN				
LANDSCAPE MAINTENANCE	0.0006			
STRUCTURAL PEST CONTROL	0.0006			
Chemical Total	0.0012			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN				
LANDSCAPE MAINTENANCE	30.0000			
Chemical Total	30.0000			
BROMOXYNIL HEPTANOATE				
ALFALFA	90.7022	5	354.70	A
FORAGE HAY/SILAGE	2.1254	1	20.00	A
RESEARCH COMMODITY	13.4609			
RYE	35.7832	3	101.00	A
RYEGRASS	41.7176	1	157.00	A
SORGHUM (FORAGE - FODDER)	66.9501	7	252.00	A
SORGHUM/MILO	17.9696	4	101.40	A
UNCULTIVATED AG	4.9593	1	14.00	A
WHEAT	385.7241	14	1,654.60	A
Chemical Total	659.3924	36		
BROMOXYNIL OCTANOATE				
ALFALFA	94.0616	5	354.70	A
FORAGE HAY/SILAGE	2.2041	1	20.00	A
RESEARCH COMMODITY	13.9594			
RYE	37.1085	3	101.00	A
RYEGRASS	43.2627	1	157.00	A
SORGHUM (FORAGE - FODDER)	69.4297	7	252.00	A
SORGHUM/MILO	18.6351	4	101.40	A
UNCULTIVATED AG	5.1430	1	14.00	A
WHEAT	536.4544	19	2,154.30	A
Chemical Total	820.2585	41		

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BUPROFEZIN					
GRAPE, WINE		96.5930	7	184.00	A
N-OUTDR PLANTS IN CONTAINERS		8.6118	9	9.18	A
RESEARCH COMMODITY		0.0053			
Chemical Total		105.2101	16		
BUTYL ALCOHOL					
ALFALFA		49.3697	48	2,420.30	A
ALMOND		7.9720	8	105.80	A
APRICOT		0.2817	2	4.00	A
BEAN, DRIED		2.2612	3	96.00	A
CARROT		0.5560	1	12.00	A
CHERRY		0.2817	2	3.00	A
CORN (FORAGE - FODDER)		9.7750	19	626.60	A
DITCH BANK		3.7069	1	100.00	A
FORAGE HAY/SILAGE		1.0008	1	54.00	A
GRAPE, WINE		46.0085	28	678.89	A
LANDSCAPE MAINTENANCE		17.1442			
OAT		0.1112	2	6.00	A
OAT (FORAGE - FODDER)		4.5780	6	247.00	A
PASTURELAND		0.0041	1	6.00	A
PEACH		0.2521	3	2.00	A
PEPPER, FRUITING		2.8988	6	144.00	A
PRUNE		9.2894	3	186.00	A
RANGELAND		1.3206	2	75.00	A
RIGHTS OF WAY		19.4610			
RYE		6.0653	9	423.00	A
RYEGRASS		2.3798	7	174.50	A
SORGHUM (FORAGE - FODDER)		5.7271	6	309.00	A
SUNFLOWER		4.7744	5	137.67	A
TOMATO, PROCESSING		30.3183	41	1,177.10	A
TURF/SOD		2.6759	9	231.00	A
UNCULTIVATED AG		80.1458	87	4,266.20	A
UNCULTIVATED NON-AG		0.1635	3	13.00	A
WALNUT		55.5941	124	1,609.45	A
WHEAT		48.1288	54	3,181.30	A
Chemical Total		412.2459	481		
CALCIUM CHLORIDE					
ALFALFA		40.0299	60	3,806.30	A
ALMOND		2.3930	2	152.00	A
CORN (FORAGE - FODDER)		1.5198	5	144.80	A
EGGPLANT		0.0000	5	0.50	A
GRAPE, WINE		1.0496	1	10.00	A
LANDSCAPE MAINTENANCE		0.0525			
PEPPER, FRUITING		0.0001	6	0.60	A
PEPPER, SPICE		0.0000	3	0.30	A
PUMPKIN		0.3359	1	43.00	A
STONE FRUIT		0.0003	11	22.00	A
SUNFLOWER		3.3896	6	431.00	A
TOMATO		0.0003	9	17.50	A
TOMATO, PROCESSING		63.2971	104	6,102.60	A
UNCULTIVATED AG		0.4030	1	43.00	A
WALNUT		10.6427	8	571.00	A
Chemical Total		123.1138	222		
CALCIUM HYPOCHLORITE					
BEAN, UNSPECIFIED		1,116.5600	3	3.00	U
		20.8000		2.00	A
TOTAL POUNDS ON THIS COMMODITY	1,137.3600				
LANDSCAPE MAINTENANCE		20.8000			
RADISH		51.6800	3	3.00	U
Chemical Total		1,209.8400	6		

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical	Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CAPTAN					
	PRUNE	88.0200	1	30.00	A
	Chemical Total	88.0200	1		
CAPTAN, OTHER RELATED					
	PRUNE	1.9800	1	30.00	A
	Chemical Total	1.9800	1		
CARBARYL					
	APPLE	343.8982	8	135.40	A
	LANDSCAPE MAINTENANCE	10.1839			
	PEAR	4.9709	1	5.00	A
	PEPPER, FRUITING	132.7150	14	445.00	A
	STRUCTURAL PEST CONTROL	0.4309			
	TOMATO, PROCESSING	273.3750	24	1,013.00	A
	Chemical Total	765.5739	47		
CARBON					
	LANDSCAPE MAINTENANCE	0.3480			
	Chemical Total	0.3480			
CARFENTRAZONE-ETHYL					
	ALMOND	0.5809	2	30.00	A
	APRICOT	0.0915	2	4.00	A
	CHERRY	0.0439	1	2.00	A
	CORN (FORAGE - FODDER)	1.7475	5	159.70	A
	GRAPE, WINE	1.2161	1	103.83	A
	LANDSCAPE MAINTENANCE	8.0830			
	OAT	0.0615	2	6.00	A
	OAT (FORAGE - FODDER)	3.6042	8	254.00	A
	PEACH	0.0476	2	1.25	A
	RIGHTS OF WAY	0.0864			
	RYE	0.9558	4	132.50	A
	RYEGRASS	3.6309	14	333.50	A
	SORGHUM (FORAGE - FODDER)	83.5245	51	2,706.30	A
	STRUCTURAL PEST CONTROL	0.0248			
	TOMATO, PROCESSING	6.7728	15	715.30	A
	UNCULTIVATED AG	9.3132	34	856.85	A
	UNCULTIVATED NON-AG	0.0293	1	5.00	A
	WALNUT	9.8261	73	807.50	A
	WHEAT	24.6806	60	2,761.30	A
	Chemical Total	154.3206	275		
CHLORANTRANILIPROLE					
	PEPPER, FRUITING	24.0911	14	459.00	A
	TOMATO, PROCESSING	2.9392	1	56.00	A
	UNCULTIVATED AG	0.2352	2	50.00	A
	Chemical Total	27.2655	17		
CHLORFENAPYR					
	LANDSCAPE MAINTENANCE	2.1938			
	PEPPER, SPICE	0.0122	2	0.20	A
	RESEARCH COMMODITY	0.0186			
	STRUCTURAL PEST CONTROL	94.5988			
	TOMATO	0.0061	1	0.10	A
	Chemical Total	96.8295	3		
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE					
	LANDSCAPE MAINTENANCE	6.5215			
	Chemical Total	6.5215			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CHLOROPHACINONE				
LANDSCAPE MAINTENANCE	0.0076			
STRUCTURAL PEST CONTROL	0.0014			
WALNUT	0.0049	15	456.75	A
Chemical Total	0.0139	15		
CHLOROPICRIN				
ALMOND	657.8550	1	3.30	A
PEACH	657.8550	1	2.00	A
SOIL FUMIGATION/PREPLANT	349.5622	1	3.75	A
STRAWBERRY	613.8000	2	3.30	A
Chemical Total	2,279.0722	5		
CHLOROTHALONIL				
ALMOND	23.9700	1	8.00	A
APRICOT	2.9962	1	1.75	A
LANDSCAPE MAINTENANCE	772.0801			
N-OUTDR PLANTS IN CONTAINERS	300.8872	60	228.75	A
ONION, DRY	27.6404	2	24.60	A
PRUNE	158.9776	2	80.00	A
TOMATO, PROCESSING	3,318.9234	32	1,712.30	A
TURF/SOD	44.9438	1	10.00	A
Chemical Total	4,650.4187	99		
CHLORPYRIFOS				
ALFALFA	2,186.5486	69	3,985.20	A
ALMOND	2,843.6745	51	1,610.00	A
APPLE	24.8094	3	26.70	A
GRAPE, WINE	706.9247	11	359.00	A
LANDSCAPE MAINTENANCE	0.0157			
N-OUTDR PLANTS IN CONTAINERS	43.2950	25	55.07	A
PRUNE	618.0899	5	305.50	A
PUBLIC HEALTH	10.4452			
SORGHUM (FORAGE - FODDER)	36.0178	1	36.00	A
SUNFLOWER	224.2905	6	274.00	A
WALNUT	6,634.1251	128	3,837.75	A
Chemical Total	13,328.2364	299		
CHLORSULFURON				
LANDSCAPE MAINTENANCE	1.9923			
RIGHTS OF WAY	36.4237			
STRUCTURAL PEST CONTROL	0.0110			
UNCULTIVATED NON-AG	0.9610		10.50	A
Chemical Total	39.3880			
CHOLECALCIFEROL				
OLIVE	0.0810	2	23.00	A
STRUCTURAL PEST CONTROL	0.0036			
Chemical Total	0.0846	2		
CITRIC ACID				
ALFALFA	211.7209	116	6,067.00	A
ALMOND	31.1644	6	302.18	A
BEAN, DRIED	3.9851	2	115.00	A
CORN (FORAGE - FODDER)	12.5522	8	276.80	A
CORN, HUMAN CONSUMPTION	7.0052	6	148.00	A
EGGPLANT	0.0001	5	0.50	A
GRAPE, WINE	2.9155	1	10.00	A
LANDSCAPE MAINTENANCE	0.1458			
MELON	3.9381	2	126.00	A
PEPPER, FRUITING	0.0002	6	0.60	A
PEPPER, SPICE	0.0001	3	0.30	A
PUMPKIN	0.9330	1	43.00	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CITRIC ACID				
SAFFLOWER	2.2647	2	75.00	A
SORGHUM (FORAGE - FODDER)	35.1902	16	706.40	A
SORGHUM/MILO	2.4739	1	79.00	A
STONE FRUIT	0.0008	11	22.00	A
SUNFLOWER	23.8128	15	944.00	A
TOMATO	0.0007	9	17.50	A
TOMATO, PROCESSING	209.9804	120	6,888.60	A
UNCULTIVATED AG	3.8566	4	223.00	A
WALNUT	106.5207	43	1,094.39	A
WHEAT	7.2450	4	231.00	A
Chemical Total	665.7064	381		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
CUCUMBER	0.4180	2	0.28	A
LANDSCAPE MAINTENANCE	0.4476			
Chemical Total	0.8656	2		
CLETHODIM				
ALFALFA	675.2767	65	3,171.30	A
BEAN, DRIED	4.0258	1	26.00	A
GRAPE, WINE	1.9969	1	50.00	A
LANDSCAPE MAINTENANCE	0.0496			
PEPPER, FRUITING	1.5975	1	12.00	A
SUNFLOWER	11.0551	2	69.67	A
UNCULTIVATED AG	11.1070	3	70.00	A
UNCULTIVATED NON-AG	2.0023	1	15.00	A
WALNUT	2.4283	2	18.15	A
Chemical Total	709.5392	76		
CLOFENTEZINE				
PEACH	11.4319	2	6.00	A
PRUNE	11.0421	1	0.50	A
Chemical Total	22.4740	3		
CLOPYRALID, MONOETHANOLAMINE SALT				
LANDSCAPE MAINTENANCE	30.9494			
RIGHTS OF WAY	15.9011			
UNCULTIVATED NON-AG	3.3226	1	27.00	A
Chemical Total	50.1731	1		
CLOPYRALID,TRIETHYLAMINE SALT				
LANDSCAPE MAINTENANCE	50.3423			
Chemical Total	50.3423			
COCONUT DIETHANOLAMIDE				
GRAPE, WINE	1.5293	12	186.50	A
LANDSCAPE MAINTENANCE	0.7245			
STRUCTURAL PEST CONTROL	3.5956			
Chemical Total	5.8494	12		
COPPER AMMONIUM COMPLEX				
LANDSCAPE MAINTENANCE	0.0480			
Chemical Total	0.0480			
COPPER CARBONATE, BASIC				
RIGHTS OF WAY	3,001.4649			
Chemical Total	3,001.4649			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COPPER CITRATE CHELATE					
RIGHTS OF WAY		0.1280			
Chemical Total		0.1280			
COPPER ETHANOLAMINE COMPLEXES, MIXED					
LANDSCAPE MAINTENANCE		104.2817			
RIGHTS OF WAY		231.6504			
WATER AREA		3.8229	1	5.25	A
Chemical Total		339.7550	1		
COPPER GLUCONATE CHELATE					
RIGHTS OF WAY		0.1280			
Chemical Total		0.1280			
COPPER HYDROXIDE					
ALMOND		664.2905	8	303.25	A
		6.4540	1	2.00	U
TOTAL POUNDS ON THIS COMMODITY	670.7445				
APRICOT		33.2479	4	10.30	A
		1.6135	1	0.50	U
TOTAL POUNDS ON THIS COMMODITY	34.8614				
CHERRY		109.4888	9	34.20	A
GRAPE, WINE		1,104.5144	48	1,287.62	A
LANDSCAPE MAINTENANCE		2.7541			
N-OUTDR PLANTS IN CONTAINERS		306.6299	100	716.75	A
NECTARINE		4.8405	2	1.50	A
ONION, DRY		10.3759	2	24.60	A
PEACH		84.6508	13	24.60	A
PEAR		79.3274	11	128.90	A
PEPPER, FRUITING		289.5672	8	423.00	A
PLUM		3.2280	1	1.00	A
RESEARCH COMMODITY		17.2160			
SQUASH		0.5985	1	1.00	A
TOMATO, PROCESSING		16.1350	1	20.00	A
WALNUT		6,025.2395	95	2,705.25	A
Chemical Total		8,760.1719	305		
COPPER NAPHTHENATE					
RIGHTS OF WAY		4.7308			
Chemical Total		4.7308			
COPPER OXIDE (OUS)					
WALNUT		637.6400	2	152.00	A
Chemical Total		637.6400	2		
COPPER OXYCHLORIDE					
WALNUT		12.7160	3	2.50	A
Chemical Total		12.7160	3		
COPPER SALTS OF FATTY AND ROSIN ACIDS					
N-OUTDR PLANTS IN CONTAINERS		31.5485	20	26.82	A
Chemical Total		31.5485	20		
COPPER SULFATE (BASIC)					
WALNUT		2.4140	3	2.50	A
Chemical Total		2.4140	3		
COPPER SULFATE (PENTAHYDRATE)					
LANDSCAPE MAINTENANCE		29.3962			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COPPER SULFATE (PENTAHYDRATE)				
RIGHTS OF WAY	43,551.5737			
Chemical Total	43,580.9699			
CORN PRODUCT, HYDROLYZED				
MELON	39.7894	2	126.00	A
TOMATO, PROCESSING	1,300.4898	68	4,129.00	A
WALNUT	2,451.6331	99	2,001.82	A
Chemical Total	3,791.9123	169		
CORN STEEP LIQUOR				
WALNUT	966.8695	6	400.00	A
Chemical Total	966.8695	6		
COTTONSEED OIL				
LANDSCAPE MAINTENANCE	1.1668			
Chemical Total	1.1668			
CYFLUTHRIN				
LANDSCAPE MAINTENANCE	720.2938			
N-OUTDR PLANTS IN CONTAINERS	1.2338	9	38.71	A
SORGHUM (FORAGE - FODDER)	174.0526	62	3,324.10	A
STRUCTURAL PEST CONTROL	125.7047			
Chemical Total	1,021.2849	71		
BETA-CYFLUTHRIN				
BEAN, DRIED	6.7322	3	250.00	A
GRAPE, WINE	0.0632	1	2.50	A
LANDSCAPE MAINTENANCE	0.1125			
SORGHUM (FORAGE - FODDER)	24.2984	20	1,033.10	A
STRUCTURAL PEST CONTROL	130.0118			
TOMATO, PROCESSING	18.0183	17	788.80	A
UNCULTIVATED AG	0.5606	1	24.00	A
WHEAT	0.4636	1	20.00	A
Chemical Total	180.2606	43		
CYPERMETHRIN				
STRUCTURAL PEST CONTROL	910.3435			
Chemical Total	910.3435			
(S)-CYPERMETHRIN				
ALFALFA	207.8143	100	4,670.97	A
ONION, DRY	1.2235	2	24.60	A
RYEGRASS	1.8482	1	40.00	A
SUNFLOWER	3.8262	6	201.00	A
TOMATO, PROCESSING	3.6408	1	73.20	A
Chemical Total	218.3530	110		
CYPRODINIL				
ALMOND	56.7038	6	242.00	A
GRAPE, WINE	334.2188	18	745.00	A
PEACH	7.0313	1	30.00	A
Chemical Total	397.9539	25		
CYROMAZINE				
ANIMAL PREMISE	3.2812		6.00	A
LANDSCAPE MAINTENANCE	2.4399			
Chemical Total	5.7211			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2,4-D, BUTOXYETHANOL ESTER					
TURF/SOD		43.4126	3	60.00	A
Chemical Total		43.4126	3		
2,4-D, DIETHANOLAMINE SALT					
WALNUT		1.2117	1	5.50	A
Chemical Total		1.2117	1		
2,4-D, DIMETHYLAMINE SALT					
ALMOND		132.0195	1	77.00	A
CORN (FORAGE - FODDER)		768.5173	23	1,395.40	A
DITCH BANK		112.5285	1	100.00	A
FORAGE HAY/SILAGE		486.1229	5	566.00	A
LANDSCAPE MAINTENANCE		99.1283			
N-OUTDR TRANSPLANTS		4.3605	1	25.00	A
OAT		16.8793	1	15.00	A
OAT (FORAGE - FODDER)		1,201.3144	32	1,569.00	A
PASTURELAND		229.5581	2	177.00	A
PEACH		2.8799	1	0.75	A
RANGELAND		245.4565	2	220.00	A
REGULATORY PEST CONTROL		2.2506			
RIGHTS OF WAY		5,841.1686			
RYE		506.9633	14	585.50	A
RYEGRASS		9,947.5459	139	7,227.40	A
SORGHUM (FORAGE - FODDER)		2,823.4280	98	4,924.90	A
SORGHUM/MILO		57.0744	4	101.40	A
TURF/SOD		336.9202	9	231.00	A
UNCULTIVATED AG		3,140.6873	54	4,211.00	A
UNCULTIVATED NON-AG		47.2620	2	42.00	A
WALNUT		608.8442	30	632.50	A
WHEAT		6,479.6714	167	7,841.52	A
		72.5583	3	83.20	U
TOTAL POUNDS ON THIS COMMODITY	6,552.2297				
WHEAT (FORAGE - FODDER)		144.7791	4	183.20	A
Chemical Total		33,307.9185	593		
2,4-D, 2-ETHYLHEXYL ESTER					
LANDSCAPE MAINTENANCE		127.0348			
STRUCTURAL PEST CONTROL		0.4824			
Chemical Total		127.5172			
4-(2,4-DB), DIMETHYLAMINE SALT					
ALFALFA		2,101.0464	50	2,488.50	A
Chemical Total		2,101.0464	50		
(E)-5-DECENOL					
RESEARCH COMMODITY		0.0090			
Chemical Total		0.0090			
(E)-5-DECENYL ACETATE					
RESEARCH COMMODITY		0.0362			
Chemical Total		0.0362			
DELTAMETHRIN					
LANDSCAPE MAINTENANCE		0.6040			
STRUCTURAL PEST CONTROL		55.2139			
Chemical Total		55.8179			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIATOMACEOUS EARTH				
LANDSCAPE MAINTENANCE	1.5840			
Chemical Total	1.5840			
DIAZINON				
CABBAGE	17.8596	1	36.00	A
CHERRY	16.8000	2	11.20	A
N-OUTDR PLANTS IN CONTAINERS	25.8364	2	46.82	A
PEAR	176.6137	6	206.70	A
PRUNE	194.4718	8	109.00	A
STRUCTURAL PEST CONTROL	0.0031			
TOMATO, PROCESSING	2,706.3328	37	1,761.90	A
WALNUT	267.0000	7	114.00	A
Chemical Total	3,404.9174	63		
2,2-DIBROMO-3-NITRILOPROPIONAMIDE				
LANDSCAPE MAINTENANCE	84.2193			
WATER (INDUSTRLIAL)	10.7973		1.00	A
Chemical Total	95.0166			
DICAMBA				
LANDSCAPE MAINTENANCE	15.7945			
STRUCTURAL PEST CONTROL	0.0308			
Chemical Total	15.8253			
DICAMBA, DIMETHYLAMINE SALT				
LANDSCAPE MAINTENANCE	6.0117			
TURF/SOD	30.5389	9	231.00	A
WHEAT	48.0928	2	160.00	A
Chemical Total	84.6434	11		
DICHLOBENIL				
LANDSCAPE MAINTENANCE	0.3750			
Chemical Total	0.3750			
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN				
LANDSCAPE MAINTENANCE	13.7000			
Chemical Total	13.7000			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN				
LANDSCAPE MAINTENANCE	5.3000			
Chemical Total	5.3000			
1,3-DICHLOROPROPENE				
GRAPE, WINE	5,198.1595	1	15.00	A
SOIL FUMIGATION/PREPLANT	3,977.0373	2	22.58	A
UNCULTIVATED AG	2,325.8266	1	7.01	A
Chemical Total	11,501.0234	4		
DICOFOL				
BEAN, DRIED	852.2890	9	589.00	A
BEAN, SUCCULENT	1,065.1732	16	710.00	A
RESEARCH COMMODITY	25.3244			
WALNUT	507.4527	9	257.00	A
Chemical Total	2,450.2393	34		
DIETHYLENE GLYCOL				
CORN (FORAGE - FODDER)	3.9751	24	688.90	A
GRAPE, WINE	0.0178	1	50.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIETHYLENE GLYCOL				
LANDSCAPE MAINTENANCE	0.0879			
PRUNE	0.0879	1	6.00	A
RIGHTS OF WAY	225.2121			
SAFFLOWER	1.4997	2	75.00	A
UNCULTIVATED AG	0.7290	9	128.30	A
WALNUT	14.0628	1	30.00	A
Chemical Total	245.6723	38		
DIFETHIALONE				
STRUCTURAL PEST CONTROL	0.0051			
Chemical Total	0.0051			
DIFLUBENZURON				
STRUCTURAL PEST CONTROL	18.1041			
Chemical Total	18.1041			
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID				
CORN (FORAGE - FODDER)	148.5968	8	402.00	A
FORAGE HAY/SILAGE	52.4894	1	284.00	A
LANDSCAPE MAINTENANCE	84.2788			
N-OUTDR TRANSPLANTS	8.8715	1	25.00	A
RIGHTS OF WAY	22.1786			
SORGHUM (FORAGE - FODDER)	78.0872	10	422.50	A
UNCULTIVATED AG	16.5970	2	61.00	A
WHEAT	230.7113	28	1,278.30	A
WHEAT (FORAGE - FODDER)	12.9375	1	70.00	A
Chemical Total	654.7481	51		
N,N-DI (HYDROXY ETHYL) ALKYL AMINE, ALKYL DERIVED FROM SOYBEAN FATTY ACIDS				
UNCULTIVATED AG	0.5654	1	55.00	A
Chemical Total	0.5654	1		
DIKEGULAC SODIUM				
LANDSCAPE MAINTENANCE	16.5022			
Chemical Total	16.5022			
DIMETHOATE				
ALFALFA	67.3219	4	193.60	A
BEAN, DRIED	16.1828	1	65.00	A
BEAN, SUCCULENT	458.3792	14	920.00	A
CABBAGE	17.6639	1	36.00	A
CORN (FORAGE - FODDER)	21.6153	3	132.00	A
SORGHUM/MILO	39.3409	1	79.00	A
TOMATO, PROCESSING	2,060.1754	65	2,935.00	A
WHEAT	309.4058	17	828.00	A
WHEAT (FORAGE - FODDER)	26.1575	1	70.00	A
Chemical Total	3,016.2427	107		
DIMETHOMORPH				
ONION, DRY	0.2908	1	12.30	A
STRUCTURAL PEST CONTROL	0.0990			
Chemical Total	0.3898	1		
DIMETHYL ALKYL TERTIARY AMINES				
ALFALFA	32.8562	72	4,075.50	A
CORN (FORAGE - FODDER)	8.7858	26	906.00	A
FORAGE HAY/SILAGE	0.4765	1	54.00	A
OAT	0.0530	2	6.00	A
OAT (FORAGE - FODDER)	1.8274	5	207.00	A
RANGELAND	0.6441	1	250.00	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIMETHYL ALKYL TERTIARY AMINES				
RIGHTS OF WAY	0.0971			
RYEGRASS	4.8224	12	417.00	A
SAFFLOWER	2.6248	1	111.50	A
UNCULTIVATED AG	14.3176	17	1,160.50	A
WHEAT	15.4093	35	1,753.80	A
Chemical Total	81.9142	172		
DIMETHYLPOLYSILOXANE				
ALFALFA	6.4594	186	9,385.80	A
ALMOND	1.7262	53	1,611.36	A
APRICOT	0.0032	2	4.00	A
BEAN, DRIED	0.1020	5	247.00	A
CARROT	0.0062	1	12.00	A
CHERRY	0.9497	3	9.50	A
CORN (FORAGE - FODDER)	0.4249	52	1,793.90	A
CORN, HUMAN CONSUMPTION	0.1505	55	1,277.00	A
DITCH BANK	0.0417	1	100.00	A
FORAGE HAY/SILAGE	0.0112	1	54.00	A
GRAPE, WINE	34.2384	88	1,513.57	A
LANDSCAPE MAINTENANCE	0.1946			
N-OUTDR PLANTS IN CONTAINERS	1.5574	132	752.78	A
OAT	0.0012	2	6.00	A
OAT (FORAGE - FODDER)	0.0514	6	247.00	A
ONION, DRY	0.0535	3	41.20	A
PASTURELAND	0.0000	1	6.00	A
PEACH	0.0028	3	2.00	A
PEAR	18.3137	4	115.00	A
PEPPER, FRUITING	0.0350	7	195.00	A
PRUNE	0.3191	11	679.00	A
RANGELAND	0.0148	2	75.00	A
RIGHTS OF WAY	10.0226			
RYE	0.0681	9	423.00	A
RYEGRASS	0.0267	7	174.50	A
SAFFLOWER	0.1152	4	165.00	A
SORGHUM (FORAGE - FODDER)	0.1839	17	717.00	A
SUNFLOWER	0.5360	46	2,045.67	A
TOMATO	0.0298	1	10.00	A
TOMATO, PROCESSING	1.0802	77	3,094.20	A
TURF/SOD	0.0301	9	231.00	A
UNCULTIVATED AG	3.7017	153	7,483.30	A
UNCULTIVATED NON-AG	0.0157	4	40.00	A
WALNUT	1.5185	137	1,805.25	A
WHEAT	1.5960	108	5,997.97	A
WHEAT (FORAGE - FODDER)	0.0022	1	70.00	A
Chemical Total	83.5836	1,191		
DIMETHYL SILICONE FLUID EMULSION				
RIGHTS OF WAY	0.7118			
Chemical Total	0.7118			
DINOTEFURAN				
GRAPE, WINE	7.4813	2	57.00	A
LANDSCAPE MAINTENANCE	0.3000			
RESEARCH COMMODITY	0.1344			
Chemical Total	7.9157	2		
DIPHACINONE				
LANDSCAPE MAINTENANCE	0.0038			
N-OUTDR PLANTS IN CONTAINERS	0.1855	21	139.31	A
RIGHTS OF WAY	0.0609			
STRUCTURAL PEST CONTROL	0.0171			
VERTEBRATE CONTROL	0.0017			

Chemical / Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIPHACINONE				
WALNUT	3.7763	13	306.75	A
Chemical Total	4.0453	34		
DIPHACINONE, SODIUM SALT				
STRUCTURAL PEST CONTROL	0.0003			
Chemical Total	0.0003			
DIQUAT DIBROMIDE				
LANDSCAPE MAINTENANCE	216.4073			
RIGHTS OF WAY	223.4619			
Chemical Total	439.8692			
DISODIUM OCTABORATE TETRAHYDRATE				
LANDSCAPE MAINTENANCE	0.1990			
STRUCTURAL PEST CONTROL	335.0338			
Chemical Total	335.2328			
DISULFOTON				
LANDSCAPE MAINTENANCE	0.1000			
Chemical Total	0.1000			
DITHIOPYR				
LANDSCAPE MAINTENANCE	125.0434			
RIGHTS OF WAY	145.0064			
Chemical Total	270.0498			
DIURON				
ALFALFA	13,058.1416	85	4,572.10	A
APPLE	26.1600	3	26.70	A
GRAPE, WINE	97.0566	5	215.00	A
LANDSCAPE MAINTENANCE	321.9820			
PEAR	51.2422	3	52.30	A
RIGHTS OF WAY	3,373.1634			
STRUCTURAL PEST CONTROL	0.0750			
UNCULTIVATED NON-AG	113.2407	2	29.75	A
WALNUT	89.3422	10	102.00	A
Chemical Total	17,130.4037	108		
E,E-8,10-DODECADIEN-1-OL				
APPLE	5.3426	2	46.30	A
PEAR	29.5700	6	174.40	A
WALNUT	22.2595	20	619.00	A
Chemical Total	57.1721	28		
Z-8-DODECENOL				
APRICOT	0.0026	2	7.00	A
PEACH	0.0014	2	3.00	A
PEAR	0.0127	1	37.00	A
WALNUT	0.0009	1	2.50	A
Chemical Total	0.0176	6		
E-8-DODECENYL ACETATE				
APRICOT	0.0141	2	7.00	A
PEACH	0.0078	2	3.00	A
PEAR	0.0694	1	37.00	A
WALNUT	0.0047	1	2.50	A
Chemical Total	0.0960	6		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Z-8-DODECENYL ACETATE				
APRICOT	0.2091	2	7.00	A
PEACH	0.1164	2	3.00	A
PEAR	1.0317	1	37.00	A
WALNUT	0.0697	1	2.50	A
Chemical Total	1.4269	6		
DODECYLBENZENE SULFONIC ACID				
GRAPE, WINE	6.6268	12	186.50	A
LANDSCAPE MAINTENANCE	3.1397			
STRUCTURAL PEST CONTROL	15.5811			
Chemical Total	25.3476	12		
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
APPLE	0.2432	6	29.40	A
BEET	0.1912	3	6.00	A
BROCCOLI	0.6883	5	18.00	A
CHERRY	0.1347	2	11.20	A
GRAPE, WINE	3.0578	25	260.00	A
LANDSCAPE MAINTENANCE	0.1530			
PEAR	3.3290	8	225.70	A
TOMATO	0.1912	1	5.00	A
Chemical Total	7.9884	50		
EDTA, TETRASODIUM SALT				
GRAPE, WINE	0.4078	12	186.50	A
LANDSCAPE MAINTENANCE	0.1932			
STRUCTURAL PEST CONTROL	0.9588			
Chemical Total	1.5598	12		
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE				
REGULATORY PEST CONTROL	8.2413			
Chemical Total	8.2413			
EMAMECTIN BENZOATE				
TOMATO, PROCESSING	0.4511	2	54.00	A
Chemical Total	0.4511	2		
ENDOSULFAN				
TOMATO, PROCESSING	126.1869	2	127.00	A
Chemical Total	126.1869	2		
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT				
LANDSCAPE MAINTENANCE	6.7879			
Chemical Total	6.7879			
EPTC				
ALFALFA	1,548.3145	13	579.00	A
TOMATO, PROCESSING	482.0447	5	158.10	A
Chemical Total	2,030.3592	18		
ESFENVALERATE				
ALMOND	6.6294	2	106.00	A
APPLE	4.2806	4	84.20	A
CHERRY	0.6833	2	11.20	A
CUCUMBER	0.2440	2	6.00	A
MELON	0.1830	2	7.00	A
PEAR	15.1267	8	253.00	A
PEPPER, FRUITING	10.3370	1	25.00	A
PEPPER, SPICE	0.0091	2	0.22	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ESFENVALERATE				
PRUNE	9.9082	5	311.00	A
RESEARCH COMMODITY	0.0081	2	0.20	A
RYEGRASS	27.3626	1	66.00	A
SQUASH	0.5836	10	21.00	A
STRUCTURAL PEST CONTROL	0.5450			
SUNFLOWER	851.1098	120	6,114.00	A
TOMATO, PROCESSING	70.3396	17	650.90	A
UNCULTIVATED AG	27.3241	9	458.00	A
WALNUT	9.9492	6	161.00	A
Chemical Total	1,034.6233	193		
ETHALFLURALIN				
BEAN, DRIED	891.2348	11	612.00	A
BEAN, SUCCULENT	42.3893	1	25.00	A
CUCUMBER	20.6410	1	37.00	A
RESEARCH COMMODITY	14.8362			
RYE	81.3875	2	48.00	A
SAFFLOWER	207.6227	7	244.90	A
SQUASH	4.6517	3	12.20	A
SUNFLOWER	4,001.0742	50	2,524.20	A
Chemical Total	5,263.8374	75		
ETHEPHON				
CUCUMBER	2.4530	4	63.60	A
LANDSCAPE MAINTENANCE	203.8880			
TOMATO, PROCESSING	123.9183	7	324.00	A
WALNUT	2,007.8708	44	2,053.00	A
Chemical Total	2,338.1301	55		
ETHOFUMESATE				
LANDSCAPE MAINTENANCE	0.1576			
Chemical Total	0.1576			
ETHYLENE GLYCOL				
ALFALFA	210.3878	17	1,282.00	A
LANDSCAPE MAINTENANCE	4.8381			
RIGHTS OF WAY	79.3443			
TOMATO, PROCESSING	48.6650	15	829.00	A
UNCULTIVATED NON-AG	19.3522		14.75	A
WHEAT	57.7545	13	483.00	A
WHEAT (FORAGE - FODDER)	4.8381	1	35.00	A
Chemical Total	425.1800	46		
ETOXAZOLE				
GRAPE, WINE	4.7250	1	42.00	A
N-OUTDR PLANTS IN CONTAINERS	0.1313	1	2.22	A
RESEARCH COMMODITY	0.0022			
RIGHTS OF WAY	0.0009			
Chemical Total	4.8594	2		
FARNESOL				
N-OUTDR PLANTS IN CONTAINERS	0.1596	18	48.07	A
Chemical Total	0.1596	18		
FATTY ACID AND PHOSPHATIC				
UNCULTIVATED AG	1.2250	1	55.00	A
Chemical Total	1.2250	1		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FATTY ACIDS, METHYL ESTERS				
CHERRY	4.3585	6	18.29	A
NECTARINE	0.1329	1	1.00	A
Chemical Total	4.4914	7		
FATTY ACIDS, MIXED				
ALMOND	1.3346	4	206.00	A
CORN (FORAGE - FODDER)	7.0794	24	688.90	A
LANDSCAPE MAINTENANCE	1.6149			
PRUNE	0.1565	1	6.00	A
RIGHTS OF WAY	371.6522			
UNCULTIVATED AG	1.2983	9	128.30	A
WALNUT	25.0450	1	30.00	A
Chemical Total	408.1809	39		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
LANDSCAPE MAINTENANCE	4.3188			
Chemical Total	4.3188			
FENARIMOL				
GRAPE	0.4988	2	16.00	A
GRAPE, WINE	7.6165	18	364.00	A
Chemical Total	8.1153	20		
FENBUCONAZOLE				
ALMOND	35.7188	5	381.00	A
Chemical Total	35.7188	5		
FENHEXAMID				
GRAPE, WINE	13.2650	1	26.53	A
Chemical Total	13.2650	1		
FENOXAPROP-P-ETHYL				
BARLEY	19.0562	2	229.00	A
WHEAT	31.2714	6	379.00	A
Chemical Total	50.3276	8		
FENPROPATHRIN				
CUCUMBER	0.6647	2	3.14	A
GRAPE, WINE	43.0157	6	221.50	A
SQUASH	0.7898	6	12.64	A
TOMATO, PROCESSING	14.2638	2	76.00	A
Chemical Total	58.7340	16		
FENPYROXIMATE				
GRAPE, WINE	4.6382	1	38.50	A
Chemical Total	4.6382	1		
FIPRONIL				
LANDSCAPE MAINTENANCE	0.1451			
RIGHTS OF WAY	2.8035			
STRUCTURAL PEST CONTROL	326.6050			
Chemical Total	329.5536			
FLONICAMID				
RESEARCH COMMODITY	0.0096			
Chemical Total	0.0096			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FLUAZIFOP-BUTYL				
LANDSCAPE MAINTENANCE	0.0466			
Chemical Total	0.0466			
FLUAZIFOP-P-BUTYL				
GRAPE, WINE	2.8246	1	15.00	A
LANDSCAPE MAINTENANCE	9.4004			
Chemical Total	12.2250	1		
FLUDIOXONIL				
LANDSCAPE MAINTENANCE	8.2813			
N-OUTDR PLANTS IN CONTAINERS	3.7500	8	12.18	A
Chemical Total	12.0313	8		
FLUMIOXAZIN				
ALFALFA	122.9100	16	962.60	A
ALMOND	130.4325	8	341.00	A
GRAPE, WINE	61.9497	16	213.10	A
LANDSCAPE MAINTENANCE	61.8758			
RIGHTS OF WAY	148.9054			
UNCULTIVATED NON-AG	0.0956		0.25	A
WALNUT	17.1360	5	44.80	A
Chemical Total	543.3050	45		
FLURIDONE				
LANDSCAPE MAINTENANCE	4.0000			
RIGHTS OF WAY	13.7816			
WATER AREA	0.4993	2	0.50	A
Chemical Total	18.2809	2		
FLURPRIMIDOL				
LANDSCAPE MAINTENANCE	0.0204			
Chemical Total	0.0204			
FLUTOLANIL				
LANDSCAPE MAINTENANCE	401.8000			
Chemical Total	401.8000			
TAU-FLUVALINATE				
LANDSCAPE MAINTENANCE	0.3683			
N-OUTDR PLANTS IN CONTAINERS	1.0971	1	3.66	A
Chemical Total	1.4654	1		
FORMETANATE HYDROCHLORIDE				
PEACH	0.3450	1	0.25	A
Chemical Total	0.3450	1		
FOSETYL-AL				
CITRUS	1.0000	1	0.50	A
LANDSCAPE MAINTENANCE	52.8000			
N-OUTDR PLANTS IN CONTAINERS	696.4300	45	229.66	A
Chemical Total	750.2300	46		
FREE FATTY ACIDS AND/OR AMINE SALTS				
RESEARCH COMMODITY	0.0025			
Chemical Total	0.0025			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GIBBERELLINS				
CHERRY	2.3424	7	26.70	A
Chemical Total	2.3424	7		
GLUFOSINATE-AMMONIUM				
ALMOND	523.4596	17	576.20	A
GRAPE, WINE	155.5557	15	240.25	A
N-OUTDR PLANTS IN CONTAINERS	1.0004	1	4.00	A
WALNUT	235.7216	20	245.12	A
Chemical Total	915.7373	53		
GLUTARALDEHYDE				
LANDSCAPE MAINTENANCE	63.5033			
WATER (INDUSTRLIAL)	127.0067		1.00	A
Chemical Total	190.5100			
GLYCEROL				
UNCULTIVATED AG	2.9611	2	110.00	A
WALNUT	19.0302	13	183.89	A
Chemical Total	21.9913	15		
GLYCERYL STEARATE				
UNCULTIVATED AG	0.1885	1	55.00	A
Chemical Total	0.1885	1		
GLYPHOSATE				
ALFALFA	300.8679	6	273.60	A
TOMATO, PROCESSING	93.0075	1	125.00	A
UNCULTIVATED AG	1,434.6865	38	1,743.60	A
UNCULTIVATED NON-AG	20.7997	1	20.00	A
WALNUT	82.5819	7	55.50	A
Chemical Total	1,931.9435	53		
GLYPHOSATE, DIAMMONIUM SALT				
RIGHTS OF WAY	8.9972			
UNCULTIVATED AG	628.8679	12	671.00	A
Chemical Total	637.8651	12		
GLYPHOSATE, ISOPROPYLAMINE SALT				
ALFALFA	402.2545	6	299.20	A
ALMOND	802.2554	32	809.81	A
APPLE	21.6975	3	26.70	A
APRICOT	15.6801	6	11.40	A
CHERRY	8.3401	5	7.59	A
CORN (FORAGE - FODDER)	1,206.2393	40	1,301.60	A
DITCH BANK	48.8040	1	44.00	A
GRAPE, WINE	814.8022	52	1,022.37	A
LANDSCAPE MAINTENANCE	19,926.2883			
ONION, DRY	25.5043	1	16.60	A
PASTURELAND	0.6564	1	6.00	A
PEACH	10.7027	6	5.85	A
PEAR	170.6324	10	204.72	A
PEPPER, FRUITING	183.8406	7	176.00	A
PERSIMMON	9.3998	2	2.00	A
PISTACHIO	1.6987	1	1.70	A
PLUM	0.7994	1	0.80	A
PRUNE	296.8251	11	526.00	A
RANGELAND	7.6263	2	15.50	A
RESEARCH COMMODITY	92.4317			
RIGHTS OF WAY	22,925.5420			
SAFFLOWER	27.9798	3	29.00	A
STONE FRUIT	4.0007	1	2.00	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GLYPHOSATE, ISOPROPYLAMINE SALT				
STRAWBERRY	9.6050	2	5.50	A
STRUCTURAL PEST CONTROL	21.0547			
SUNFLOWER	14.0328	1	7.00	A
TOMATO	4.8241	1	10.00	A
	0.1875	1	4,000.00	U
TOTAL POUNDS ON THIS COMMODITY 5.0116				
TOMATO, PROCESSING	597.6675	11	570.10	A
UNCULTIVATED AG	4,531.6796	165	5,602.79	A
UNCULTIVATED NON-AG	2,116.9900	45	569.00	A
WALNUT	3,249.3496	219	4,629.71	A
WATER AREA	0.2109		0.25	A
WHEAT	37.5064	1	50.00	A
Chemical Total	57,587.1094	637		
GLYPHOSATE, MONOAMMONIUM SALT				
LANDSCAPE MAINTENANCE	479.4239			
Chemical Total	479.4239			
GLYPHOSATE, POTASSIUM SALT				
ALFALFA	2,595.4917	23	1,512.65	A
ALMOND	2,137.0028	37	1,636.30	A
APRICOT	6.3718	2	3.00	A
BEAN, DRIED	170.7857	4	178.00	A
BLACKBERRY	0.7241	1	0.25	A
CHERRY	7.7786	3	4.40	A
CHRISTMAS TREE	7.5424	4	15.75	A
CORN (FORAGE - FODDER)	1,211.0326	25	1,129.90	A
CUCUMBER	37.5137	1	36.00	A
GRAPE	16.5549	3	19.00	A
GRAPE, WINE	671.2158	43	547.70	A
LANDSCAPE MAINTENANCE	148.2729			
N-OUTDR PLANTS IN CONTAINERS	2.7592	1	1.00	A
PEACH	6.5381	3	3.25	A
PRUNE	0.5241	1	0.25	A
RESEARCH COMMODITY	214.2855			
RIGHTS OF WAY	312.6242			
SAFFLOWER	298.2085	7	267.50	A
SORGHUM (FORAGE - FODDER)	88.6647	1	76.00	A
STRAWBERRY	13.7573	2	4.75	A
SUNFLOWER	430.9937	8	500.00	A
TOMATO, PROCESSING	2,144.0913	47	2,009.30	A
UNCULTIVATED AG	5,205.2146	105	5,259.92	A
UNCULTIVATED NON-AG	11.7506	1	7.50	A
WALNUT	1,468.6219	83	1,124.05	A
WHEAT	108.8864	2	140.00	A
Chemical Total	17,317.2071	407		
HALOSULFURON-METHYL				
LANDSCAPE MAINTENANCE	0.3320			
PUMPKIN	1.0266	1	29.20	A
RIGHTS OF WAY	0.0300			
TOMATO, PROCESSING	1.9425	6	60.90	A
TURF/SOD	2.9298	6	47.00	A
Chemical Total	6.2609	13		
HARPIN PROTEIN				
N-OUTDR PLANTS IN CONTAINERS	0.3867	19	29.87	A
Chemical Total	0.3867	19		
HEPTAMETHYLTRISILOXANE ETHOXYLATED				
PEAR	37.6283	7	259.00	A
Chemical Total	37.6283	7		

Chemical / Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
RIGHTS OF WAY	0.4555			
WALNUT	1.5745	4	210.00	A
Chemical Total	2.0300	4		
HEXAFLUMURON				
STRUCTURAL PEST CONTROL	0.0015			
Chemical Total	0.0015			
HEXAZINONE				
ALFALFA	6,514.8239	213	11,264.47	A
Chemical Total	6,514.8239	213		
HEXYTHIAZOX				
N-OUTDR PLANTS IN CONTAINERS	0.7032	4	6.31	A
PRUNE	10.4462	3	99.00	A
WALNUT	42.6486	4	285.00	A
Chemical Total	53.7980	11		
HYDRAMETHYLNON				
STRUCTURAL PEST CONTROL	3.3481			
Chemical Total	3.3481			
HYDROGEN PEROXIDE				
GRAPE, WINE	24.7401		205.40	A
Chemical Total	24.7401			
HYDROPRENE				
LANDSCAPE MAINTENANCE	0.0105			
STRUCTURAL PEST CONTROL	2.3006			
Chemical Total	2.3111			
HYDROTREATED PARAFFINIC SOLVENT				
DITCH BANK	9.1263	1	44.00	A
GRAPE, WINE	19.7415	1	103.83	A
LANDSCAPE MAINTENANCE	3.0897			
SAFFLOWER	594.7234	6	177.50	A
UNCULTIVATED AG	187.3702	1	121.80	A
WHEAT	392.8928	9	580.50	A
Chemical Total	1,206.9439	18		
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
ALFALFA	371.1345	156	8,964.60	A
ALMOND	179.1785	21	1,273.00	A
APRICOT	0.7597	1	2.00	A
BEAN, DRIED	9.3651	2	193.00	A
CABBAGE	5.1279	3	66.00	A
CHERRY	0.5065	2	6.00	A
CORN (FORAGE - FODDER)	26.8325	19	530.40	A
GRAPE, WINE	145.5126	26	832.06	A
LANDSCAPE MAINTENANCE	39.5528			
N-OUTDR PLANTS IN CONTAINERS	0.9892	2	3.89	A
PEACH	0.2532	1	1.50	A
PEPPER, FRUITING	39.8677	27	765.00	A
PRUNE	87.9195	5	127.00	A
PUBLIC HEALTH	0.1899			
PUMPKIN	2.0790	1	43.00	A
RANGELAND	6.0815	1	250.00	A
RIGHTS OF WAY	0.9157			
RYEGRASS	4.0025	1	66.00	A
SAFFLOWER	18.7886	6	177.50	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
SORGHUM (FORAGE - FODDER)	98.8400	25	1,676.10	A
SUNFLOWER	135.6517	51	2,492.00	A
TOMATO, PROCESSING	457.1296	164	8,645.70	A
UNCULTIVATED AG	16.3358	9	399.00	A
WALNUT	351.2434	85	2,579.75	A
WHEAT	0.9715	1	20.00	A
Chemical Total	1,999.2289	609		
IMAZAMOX, AMMONIUM SALT				
ALFALFA	130.7789	61	2,718.90	A
RESEARCH COMMODITY	0.0378			
SUNFLOWER	1.7995	1	72.00	A
Chemical Total	132.6162	62		
IMAZAPYR, ISOPROPYLAMINE SALT				
LANDSCAPE MAINTENANCE	4.8741			
RIGHTS OF WAY	0.6385			
Chemical Total	5.5126			
IMAZETHAPYR, AMMONIUM SALT				
ALFALFA	41.8040	7	430.30	A
RESEARCH COMMODITY	0.0198			
Chemical Total	41.8238	7		
IMIDACLOPRID				
CABBAGE	11.0979	2	44.00	A
CITRUS	14.1252	5	12.50	A
GRAPE, WINE	13.0841	7	185.63	A
LANDSCAPE MAINTENANCE	49.4670			
N-OUTDR PLANTS IN CONTAINERS	3.0319	11	21.53	A
PEPPER, FRUITING	146.6307	14	607.50	A
PEPPER, SPICE	0.1048	3	1.10	A
PRUNE	0.6252	1	10.00	A
STRUCTURAL PEST CONTROL	49.6206			
WATERMELON	0.0250	1	0.50	A
Chemical Total	287.8124	44		
INDOXACARB				
ALFALFA	310.3368	77	3,893.00	A
CABBAGE	7.6110	4	116.00	A
LANDSCAPE MAINTENANCE	0.0000			
PEPPER, FRUITING	27.2970	11	416.00	A
STRUCTURAL PEST CONTROL	0.0752			
TOMATO, PROCESSING	111.3264	34	1,696.80	A
Chemical Total	456.6464	126		
IPRODIONE				
ALMOND	368.4780	14	695.50	A
APRICOT	7.8911	5	14.80	A
CHERRY	22.3746	4	22.40	A
GRAPE, WINE	36.9581		790.00	A
LANDSCAPE MAINTENANCE	26.2213			
N-OUTDR PLANTS IN CONTAINERS	49.0353	21	69.44	A
PLUM	0.4994	1	1.00	A
PRUNE	3.4960	1	13.00	A
STRAWBERRY	3.9955	1	5.00	A
Chemical Total	518.9493	47		
IRON PHOSPHATE				
LANDSCAPE MAINTENANCE	5.3476			
STRUCTURAL PEST CONTROL	0.2924			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
IRON PHOSPHATE				
TOMATO	0.0300	3	3,000.00	U
Chemical Total	5.6700	3		
ALPHA-ISOOCTADECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
PUBLIC HEALTH	0.1108			
Chemical Total	0.1108			
ISOPARAFFINIC HYDROCARBONS				
RIGHTS OF WAY	129.9826			
Chemical Total	129.9826			
ISOPROPYL ALCOHOL				
ALFALFA	172.8882	161	8,471.50	A
ALMOND	33.2417	43	1,484.36	A
BEAN, DRIED	1.5827	2	151.00	A
CORN (FORAGE - FODDER)	3.6398	6	346.40	A
GRAPE, WINE	112.7891	72	1,537.22	A
LANDSCAPE MAINTENANCE	14.5712			
ONION, DRY	0.9036	2	24.60	A
PEPPER, FRUITING	0.0502	1	51.00	A
PRUNE	2.9649	3	148.00	A
RESEARCH COMMODITY	0.0177			
RIGHTS OF WAY	119.6145			
SAFFLOWER	0.4744	1	45.00	A
SORGHUM (FORAGE - FODDER)	2.4685	11	408.00	A
STRUCTURAL PEST CONTROL	4.7462			
SUNFLOWER	9.9611	41	1,908.00	A
TOMATO, PROCESSING	21.1908	44	2,436.00	A
UNCULTIVATED AG	41.1011	42	2,278.30	A
UNCULTIVATED NON-AG	3.8041	1	41.75	A
WALNUT	2.8253	8	103.30	A
WHEAT	80.4612	78	3,864.97	A
WHEAT (FORAGE - FODDER)	0.9256	2	105.00	A
Chemical Total	630.2219	518		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE				
ALFALFA	0.0990	2	53.00	A
PEAR	0.0299	1	4.00	A
REGULATORY PEST CONTROL	0.0093			
Chemical Total	0.1382	3		
ISOXABEN				
LANDSCAPE MAINTENANCE	210.1284			
N-OUTDR PLANTS IN CONTAINERS	157.3775	110	203.15	A
RIGHTS OF WAY	56.2005			
STRUCTURAL PEST CONTROL	0.0750			
Chemical Total	423.7814	110		
KAOLIN				
SQUASH, SUMMER	0.9500	1	0.10	A
WALNUT	31,502.0000	17	642.20	A
Chemical Total	31,502.9500	18		
KEROSENE				
ALFALFA	58.4253	72	4,075.50	A
APPLE	740.8119	3	26.70	A
CORN (FORAGE - FODDER)	15.6230	26	906.00	A
FORAGE HAY/SILAGE	0.8473	1	54.00	A
OAT	0.0942	2	6.00	A
OAT (FORAGE - FODDER)	3.2494	5	207.00	A
PEAR	13,933.9226	8	167.40	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
KEROSENE				
RANGELAND	1.1453	1	250.00	A
RIGHTS OF WAY	0.1727			
RYEGRASS	8.5752	12	417.00	A
SAFFLOWER	4.6675	1	111.50	A
UNCULTIVATED AG	25.4596	17	1,160.50	A
WHEAT	27.4009	35	1,753.80	A
Chemical Total	14,820.3949	183		
KINOPRENE				
RESEARCH COMMODITY	0.0033			
Chemical Total	0.0033			
(S)-KINOPRENE				
RESEARCH COMMODITY	0.0089			
Chemical Total	0.0089			
KRESOXIM-METHYL				
GRAPE, WINE	5.0210	3	37.00	A
Chemical Total	5.0210	3		
LAMBDA-CYHALOTHRIN				
ALFALFA	448.7256	281	14,958.80	A
ALMOND	8.4812	3	179.00	A
APPLE	0.7091	5	18.10	A
BEAN, DRIED	20.7529	14	712.00	A
BEAN, SUCCULENT	50.4080	31	1,676.00	A
CABBAGE	1.9724	3	66.00	A
CORN (FORAGE - FODDER)	13.4339	9	485.00	A
CORN, HUMAN CONSUMPTION	38.3688	55	1,277.00	A
LANDSCAPE MAINTENANCE	0.4572			
N-OUTDR PLANTS IN CONTAINERS	0.0424	2	1.22	A
PEAR	2.7073	3	69.10	A
PEPPER, FRUITING	0.3192	1	10.50	A
PRUNE	1.0155	1	108.00	A
PUBLIC HEALTH	0.4213			
RESEARCH COMMODITY	0.5140			
RYE	1.4365	2	48.00	A
SORGHUM (FORAGE - FODDER)	45.6465	30	1,522.50	A
STRUCTURAL PEST CONTROL	192.9421			
SUNFLOWER	45.9091	36	1,648.00	A
TOMATO	0.9150	4	32.00	A
TOMATO, PROCESSING	143.4363	103	5,180.10	A
UNCULTIVATED AG	0.6385	1	32.00	A
WALNUT	22.1689	7	724.00	A
WHEAT	1.1672	1	39.00	A
Chemical Total	1,042.5889	592		
LAURYL ALCOHOL				
APPLE	3.0004	2	46.30	A
PEAR	16.5996	6	174.40	A
Chemical Total	19.6000	8		
LECITHIN				
ALFALFA	11.0928	2	78.80	A
ALMOND	31.1408	4	206.00	A
GRAPE, WINE	9.9839	4	60.92	A
LANDSCAPE MAINTENANCE	9.7800			
RIGHTS OF WAY	223.1019			
WHEAT	25.5304	8	241.90	A
Chemical Total	310.6298	18		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
LIME-SULFUR				
GRAPE, WINE	4,903.1405	19	438.35	A
PEACH	0.9451	1	5.00	U
Chemical Total	4,904.0856	20		
LIMONENE				
LANDSCAPE MAINTENANCE	21.5939			
STRUCTURAL PEST CONTROL	47.6955			
Chemical Total	69.2894			
LINURON				
CARROT	12.0000	1	12.00	A
Chemical Total	12.0000	1		
MAGNESIUM PHOSPHIDE				
STRUCTURAL PEST CONTROL	0.3667			
Chemical Total	0.3667			
MALATHION				
ALFALFA	195.0996	10	390.00	A
CITRUS	37.6506	6	18.50	A
LANDSCAPE MAINTENANCE	0.0256			
MELON	10.4474	2	126.00	A
N-OUTDR PLANTS IN CONTAINERS	149.1328	24	118.65	A
PEPPER, FRUITING	12.0338	3	142.00	A
STRUCTURAL PEST CONTROL	241.7372			
TOMATO, PROCESSING	986.4275	70	4,254.00	A
UNCULTIVATED AG	23.9676	1	70.00	A
WALNUT	1,153.7179	50	572.82	A
Chemical Total	2,810.2400	166		
MANCOZEB				
APPLE	127.8000	4	28.40	A
GRAPE, WINE	46.8750	1	25.00	A
LANDSCAPE MAINTENANCE	268.8000			
N-OUTDR PLANTS IN CONTAINERS	1,232.2269	201	1,304.39	A
ONION, DRY	75.0300	3	36.90	A
PEAR	227.9372	3	84.50	A
TOMATO, PROCESSING	991.9050	16	598.90	A
TURF/SOD	1,777.5000	12	126.00	A
Chemical Total	4,748.0741	240		
MANEB				
WALNUT	1,715.8108	24	975.00	A
Chemical Total	1,715.8108	24		
MCPA, DIMETHYLAMINE SALT				
ALFALFA	0.4430	1	25.00	A
LANDSCAPE MAINTENANCE	56.6532			
OAT	4.1527	2	6.00	A
OAT (FORAGE - FODDER)	184.7946	6	257.00	A
PASTURELAND	22.6616	1	21.50	A
RESEARCH COMMODITY	21.9262			
RYEGRASS	20.7634	1	30.00	A
UNCULTIVATED AG	19.4900	1	44.00	A
WHEAT	5,892.2891	246	11,462.30	A
WHEAT (FORAGE - FODDER)	23.9195	1	35.00	A
Chemical Total	6,247.0933	259		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MCPA, ISOOCTYL ESTER				
LANDSCAPE MAINTENANCE	114.2049			
Chemical Total	114.2049			
MCPP, DIMETHYLAMINE SALT				
LANDSCAPE MAINTENANCE	2.2287			
TURF/SOD	180.1465	9	231.00	A
Chemical Total	182.3752	9		
MCPP, POTASSIUM SALT				
LANDSCAPE MAINTENANCE	26.6268			
Chemical Total	26.6268			
MCPP-P, DIMETHYLAMINE SALT				
LANDSCAPE MAINTENANCE	11.2619			
Chemical Total	11.2619			
MECOPROP-P				
LANDSCAPE MAINTENANCE	32.0354			
STRUCTURAL PEST CONTROL	0.1223			
Chemical Total	32.1577			
MEFENOXAM				
LANDSCAPE MAINTENANCE	9.3832			
N-OUTDR PLANTS IN CONTAINERS	11.4698	34	21.42	A
ONION, DRY	1.2300	1	12.30	A
Chemical Total	22.0830	35		
MEFENOXAM, OTHER RELATED				
LANDSCAPE MAINTENANCE	0.0424			
N-OUTDR PLANTS IN CONTAINERS	0.3769	34	21.42	A
Chemical Total	0.4193	34		
MEFLUIDIDE, DIETHANOLAMINE SALT				
LANDSCAPE MAINTENANCE	2.2249			
Chemical Total	2.2249			
MESOSULFURON-METHYL				
WHEAT	131.1589	195	10,412.40	A
WHEAT (FORAGE - FODDER)	0.3150	1	35.00	A
Chemical Total	131.4739	196		
METALDEHYDE				
LANDSCAPE MAINTENANCE	4.0700			
N-OUTDR PLANTS IN CONTAINERS	398.6600	25	1,025.83	A
Chemical Total	402.7300	25		
METAM-SODIUM				
PEPPER, FRUITING	30,817.6210	11	121.33	A
RIGHTS OF WAY	23.1095			
TOMATO, PROCESSING	2,030.1029	3	58.00	A
Chemical Total	32,870.8334	14		
METHAMIDOPHOS				
TOMATO, PROCESSING	137.0848	3	139.00	A
Chemical Total	137.0848	3		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
METHIOCARB				
LANDSCAPE MAINTENANCE	0.6000			
N-OUTDR PLANTS IN CONTAINERS	113.9700	13	56.50	A
Chemical Total	114.5700	13		
METHOMYL				
BEAN, SUCCULENT	8.4420	1	12.50	A
CABBAGE	29.6640	2	58.00	A
CORN, HUMAN CONSUMPTION	558.0000	52	1,240.00	A
NECTARINE	8.1000	5	10.00	A
SORGHUM (FORAGE - FODDER)	1,268.7750	58	2,819.50	A
SORGHUM/MILO	35.5500	1	79.00	A
STRAWBERRY	3.6000	1	5.00	A
STRUCTURAL PEST CONTROL	0.0604			
TOMATO, PROCESSING	16.2000	1	36.00	A
WHEAT	137.2500	6	305.00	A
Chemical Total	2,065.6414	127		
METHOPRENE				
LANDSCAPE MAINTENANCE	33.1713			
PUBLIC HEALTH	255.6812			
STRUCTURAL PEST CONTROL	0.0137			
Chemical Total	288.8662			
S-METHOPRENE				
PUBLIC HEALTH	10.8712			
STRUCTURAL PEST CONTROL	0.0577			
Chemical Total	10.9289			
METHOXYFENOZIDE				
ALFALFA	29.6072	4	219.00	A
GRAPE, WINE	41.2991	7	222.40	A
PEAR	49.3471	8	184.00	A
Chemical Total	120.2534	19		
METHYLATED FATTY ACIDS FROM CANOLA OIL				
LANDSCAPE MAINTENANCE	6.4598			
Chemical Total	6.4598			
METHYLATED SOYBEAN OIL				
ALFALFA	1,244.3293	85	4,661.50	A
CORN (FORAGE - FODDER)	298.4432	26	906.00	A
FORAGE HAY/SILAGE	16.1851	1	54.00	A
GRAPE, WINE	7.8114	5	110.92	A
LANDSCAPE MAINTENANCE	0.1266			
OAT	1.7993	2	6.00	A
OAT (FORAGE - FODDER)	62.0734	5	207.00	A
RANGELAND	21.8786	1	250.00	A
RIGHTS OF WAY	3,443.8798			
RYEGRASS	163.8100	12	417.00	A
SAFFLOWER	89.1618	1	111.50	A
UNCULTIVATED AG	486.3517	17	1,160.50	A
WALNUT	267.6727	4	210.00	A
WHEAT	523.4354	35	1,753.80	A
Chemical Total	6,626.9583	194		
METHYL BROMIDE				
ALMOND	958.1080	3	283.30	A
PEACH	2,237.4000	2	5.00	A
STRAWBERRY	620.0000	2	3.30	A
Chemical Total	3,815.5080	7		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
LANDSCAPE MAINTENANCE	2.2913			
Chemical Total	2.2913			
METHYL SILICONE RESINS				
ALFALFA	27.9134	5	265.00	A
ALMOND	308.7343	46	1,355.00	A
BEAN, DRIED	3.3732	1	65.00	A
BEAN, SUCCULENT	1.2649	1	25.00	A
CUCUMBER	2.7829	1	27.00	A
MELON	6.5778	1	63.00	A
ONION, DRY	2.6287	1	12.30	A
SORGHUM (FORAGE - FODDER)	31.1181	7	296.40	A
SORGHUM/MILO	8.2644	1	79.00	A
SUNFLOWER	17.7939	7	371.00	A
TOMATO, PROCESSING	181.1845	34	1,773.80	A
UNCULTIVATED AG	9.2764	2	170.00	A
WALNUT	26.5642	3	101.00	A
WATERMELON	0.9276	1	9.00	A
WHEAT	26.3112	3	170.60	A
Chemical Total	654.7155	114		
METOLACHLOR				
LANDSCAPE MAINTENANCE	1.3483			
Chemical Total	1.3483			
S-METOLACHLOR				
BEAN, DRIED	604.6320	7	423.00	A
CORN (FORAGE - FODDER)	356.0516	4	220.00	A
LANDSCAPE MAINTENANCE	0.7144			
PEPPER, FRUITING	357.0807	9	229.10	A
RESEARCH COMMODITY	22.1341			
SAFFLOWER	443.8257	5	310.50	A
SUNFLOWER	1,506.0327	20	907.00	A
TOMATO, PROCESSING	10,142.8627	146	6,634.10	A
Chemical Total	13,433.3339	191		
METRIBUZIN				
ALFALFA	440.2500	20	1,154.00	A
TOMATO, PROCESSING	1,040.7525	75	3,198.00	A
Chemical Total	1,481.0025	95		
MINERAL OIL				
ALFALFA	227.9756	5	239.00	A
ALMOND	11,484.5079	7	303.00	A
APPLE	1.2194	6	29.40	A
BEET	0.7170	3	6.00	A
BROCCOLI	2.5811	5	18.00	A
CHERRY	851.2431	10	44.40	A
GRAPE, WINE	15.3079	25	260.00	A
LANDSCAPE MAINTENANCE	5.2021			
N-OUTDR PLANTS IN CONTAINERS	749.4867	7	51.95	A
NECTARINE	3.0322	1	1.00	A
PEAR	5,886.9522	21	450.40	A
PRUNE	2,928.8284	3	306.00	A
PUBLIC HEALTH	3,358.4388			
SUNFLOWER	6.1522	1	72.00	A
TOMATO	0.7170	1	5.00	A
UNCULTIVATED AG	4.6142	1	36.00	A
Chemical Total	25,526.9758	96		

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN					
GRAPE, WINE		10.8421	5	74.00	A
Chemical Total		10.8421	5		
MOLASSES					
WALNUT		10.5267	5	44.75	A
Chemical Total		10.5267	5		
MSMA					
LANDSCAPE MAINTENANCE		15.0661			
Chemical Total		15.0661			
MUSCALURE					
STRUCTURAL PEST CONTROL		0.0502			
Chemical Total		0.0502			
MYCLOBUTANIL					
ALMOND		4.4776	18	55.70	A
APPLE		14.4100	11	121.90	A
APRICOT		2.0813	12	28.55	A
CHERRY		1.6800	2	11.20	A
GRAPE		1.6000	2	16.00	A
GRAPE, WINE		124.3790	59	1,254.53	A
LANDSCAPE MAINTENANCE		6.2636			
N-OUTDR PLANTS IN CONTAINERS		9.6787	21	65.37	A
PEACH		2.8250	13	35.00	A
PEPPER, FRUITING		39.9880	17	480.00	A
PLUM		0.1500	2	2.50	A
PRUNE		0.1126	3	1.50	A
RESEARCH COMMODITY		0.8000			
		0.0125	1	0.10	A
TOTAL POUNDS ON THIS COMMODITY	0.8125				
SQUASH		0.6100	8	6.56	A
TOMATO, PROCESSING		96.8600	22	1,044.00	A
Chemical Total		305.9283	191		
MYRISTYL ALCOHOL					
APPLE		0.6149	2	46.30	A
PEAR		3.3724	6	174.40	A
Chemical Total		3.9873	8		
NAA, AMMONIUM SALT					
APPLE		0.5511	3	36.90	A
LANDSCAPE MAINTENANCE		1.1234			
PEAR		21.7930	10	244.90	A
Chemical Total		23.4675	13		
NAA, ETHYL ESTER					
LANDSCAPE MAINTENANCE		0.2664			
Chemical Total		0.2664			
1-NAPHTHALENEACETAMIDE					
APPLE		3.0996	3	36.90	A
Chemical Total		3.0996	3		
NAPROPAMIDE					
N-OUTDR PLANTS IN CONTAINERS		348.4350	36	99.05	A
PEPPER, SPICE		0.5992	1	1.00	A
TOMATO		21.3982	2	12.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
NAPROPAMIDE				
TOMATO, PROCESSING	520.4000	11	638.00	A
Chemical Total	890.8324	50		
NEROLIDOL				
N-OUTDR PLANTS IN CONTAINERS	0.1294	18	48.07	A
Chemical Total	0.1294	18		
NICOSULFURON				
CORN (FORAGE - FODDER)	0.9750	1	35.00	A
Chemical Total	0.9750	1		
NICOTINE				
RESEARCH COMMODITY	0.0010			
Chemical Total	0.0010			
NONANOIC ACID				
LANDSCAPE MAINTENANCE	400.9656			
RESEARCH COMMODITY	0.4006			
RIGHTS OF WAY	17.4757			
UNCULTIVATED AG	14.1947	11	25.00	A
Chemical Total	433.0366	11		
NONANOIC ACID, OTHER RELATED				
LANDSCAPE MAINTENANCE	21.1035			
RESEARCH COMMODITY	0.0211			
RIGHTS OF WAY	0.9198			
UNCULTIVATED AG	0.7471	11	25.00	A
Chemical Total	22.7915	11		
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED				
ALFALFA	155.9889	60	3,064.50	A
ALMOND	103.5142	11	656.50	A
APRICOT	1.8777	3	14.00	A
BEAN, DRIED	10.8422	1	85.00	A
CHERRY	1.4788	6	18.29	A
GRAPE, WINE	234.2116	82	1,633.50	A
NECTARINE	0.0451	1	1.00	A
PEACH	0.6803	3	4.50	A
PEAR	0.1702	1	1.00	A
PRUNE	20.4312	2	160.00	A
SORGHUM (FORAGE - FODDER)	14.8467	5	191.00	A
SUNFLOWER	17.0247	5	302.00	A
TOMATO, PROCESSING	20.6832	14	675.90	A
WALNUT	197.1810	66	1,497.25	A
WHEAT	8.4177	7	250.00	A
Chemical Total	787.3935	267		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	2,262.3712	301	15,313.10	A
ALMOND	605.8629	72	2,806.66	A
APRICOT	4.8084	5	18.00	A
BEAN, DRIED	63.7483	8	447.00	A
CARROT	4.9980	1	12.00	A
CHERRY	2.5323	2	3.00	A
CORN (FORAGE - FODDER)	143.2753	51	1,739.30	A
DITCH BANK	33.3200	1	100.00	A
FORAGE HAY/SILAGE	8.9964	1	54.00	A
GRAPE, WINE	1,179.2131	183	3,618.53	A
LANDSCAPE MAINTENANCE	235.3978			
OAT	0.9997	2	6.00	A
OAT (FORAGE - FODDER)	41.1503	6	247.00	A

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ONION, DRY	10.4632	2	24.60	A
PASTURELAND	0.0365	1	6.00	A
PEACH	3.0904	6	6.50	A
PEAR	1.1117	2	38.00	A
PEPPER, FRUITING	26.6373	7	195.00	A
PRUNE	150.3324	10	520.00	A
RANGELAND	11.8703	2	75.00	A
RIGHTS OF WAY	1,575.5267			
RYE	54.5199	9	423.00	A
RYEGRASS	21.3914	7	174.50	A
SAFFLOWER	71.0743	10	352.50	A
SORGHUM (FORAGE - FODDER)	98.0580	22	908.00	A
STRUCTURAL PEST CONTROL	0.5623			
SUNFLOWER	179.2600	52	2,419.67	A
TOMATO, PROCESSING	471.1434	101	4,339.20	A
TURF/SOD	24.0528	9	231.00	A
UNCULTIVATED AG	1,193.1355	153	7,258.50	A
UNCULTIVATED NON-AG	13.5712	4	54.75	A
WALNUT	852.6912	205	3,468.15	A
WHEAT	909.0611	148	7,876.77	A
WHEAT (FORAGE - FODDER)	2.7308	2	105.00	A
Chemical Total	10,256.9941	1,385		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), BRANCHED				
DITCH BANK	0.9533	1	44.00	A
GRAPE, WINE	2.0622	1	103.83	A
LANDSCAPE MAINTENANCE	0.3227			
Chemical Total	3.3382	2		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER				
ALFALFA	69.1906	12	522.50	A
ALMOND	60.2068	4	206.00	A
GRAPE, WINE	4.9920	4	60.92	A
RIGHTS OF WAY	3.2647			
WALNUT	50.7527	18	185.50	A
Chemical Total	188.4068	38		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT				
ALFALFA	3.0408	12	366.20	A
Chemical Total	3.0408	12		
NORFLURAZON				
ALMOND	116.7210	2	121.00	A
GRAPE, WINE	101.6534	3	97.00	A
PEAR	14.5410	1	37.00	A
Chemical Total	232.9154	6		
NOVALURON				
RESEARCH COMMODITY	0.0013			
Chemical Total	0.0013			
NOVIFLUMURON				
STRUCTURAL PEST CONTROL	0.0168			
Chemical Total	0.0168			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
LANDSCAPE MAINTENANCE	0.0255			
STRUCTURAL PEST CONTROL	13.4607			
Chemical Total	13.4862			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
OIL OF JOJOBA				
N-OUTDR PLANTS IN CONTAINERS	10.5262	2	2.50	A
Chemical Total	10.5262	2		
OLEIC ACID				
LANDSCAPE MAINTENANCE	0.0053			
PUMPKIN	0.9585	1	29.20	A
Chemical Total	0.9638	1		
OLEIC ACID, ETHYL ESTER				
LANDSCAPE MAINTENANCE	2.7450			
Chemical Total	2.7450			
OLEIC ACID, METHYL ESTER				
ALFALFA	8,345.3943	228	12,465.20	A
ALMOND	1,080.1997	34	2,383.50	A
APRICOT	15.2364	3	11.50	A
BEAN, DRIED	342.8674	9	576.00	A
CHERRY	14.3268	3	8.00	A
CORN (FORAGE - FODDER)	197.6131	24	804.40	A
GRAPE, WINE	47.3600	2	118.00	A
LANDSCAPE MAINTENANCE	22.7693			
PEACH	2.3499	1	1.25	A
PEPPER, FRUITING	82.1880	20	536.00	A
PRUNE	263.7586	5	127.00	A
PUMPKIN	6.2369	1	43.00	A
RANGELAND	18.2445	1	250.00	A
RIGHTS OF WAY	2.7470			
RYEGRASS	12.0076	1	66.00	A
SAFFLOWER	56.3657	6	177.50	A
SORGHUM (FORAGE - FODDER)	284.4282	24	1,385.10	A
SUNFLOWER	631.3238	58	2,972.00	A
TOMATO, PROCESSING	3,322.4253	214	10,998.28	A
UNCULTIVATED AG	403.2217	15	836.50	A
UNCULTIVATED NON-AG	0.9854	1	1.50	A
WALNUT	2,209.7538	124	2,918.80	A
WHEAT	254.7113	11	401.90	A
Chemical Total	17,616.5147	785		
ORCHEX 796 OIL				
PUMPKIN	6.6029	1	29.20	A
RIGHTS OF WAY	88.5419			
Chemical Total	95.1448	1		
ORGANOSILICONE, POLY OXYALKYLENE ETHER COPOLYMER				
GRAPE, WINE	0.4283	1	50.00	A
RIGHTS OF WAY	510.8578			
Chemical Total	511.2861	1		
ORYZALIN				
ALMOND	523.5315	8	189.00	A
CHERRY	8.6948	1	2.79	A
GRAPE, WINE	1,435.7842	40	417.16	A
LANDSCAPE MAINTENANCE	10,563.1896			
N-OUTDR PLANTS IN CONTAINERS	898.8094	104	351.68	A
PEAR	12.4806	1	4.00	A
PRUNE	164.3514	1	108.00	A
RESEARCH COMMODITY	140.4542			
RIGHTS OF WAY	3,193.5111			
STRUCTURAL PEST CONTROL	3.0188			
UNCULTIVATED NON-AG	7.6595		2.50	A

Chemical	Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ORYZALIN					
	WALNUT	696.9041	7	165.80	A
	Chemical Total	17,648.3892	162		
OXADIAZON					
	LANDSCAPE MAINTENANCE	19.7288			
	N-OUTDR PLANTS IN CONTAINERS	47.4200	9	10.71	A
	Chemical Total	67.1488	9		
OXYFLUORFEN					
	ALMOND	977.2061	54	2,320.17	A
	APRICOT	3.5883	2	4.50	A
	BEAN, DRIED	3.3322	1	35.00	A
	CHERRY	6.3621	2	4.79	A
	CHRISTMAS TREE	1.6839	3	2.75	A
	CORN (FORAGE - FODDER)	4.4430	1	35.00	A
	GRAPE	5.0777	2	8.00	A
	GRAPE, WINE	609.6217	61	1,035.24	A
	LANDSCAPE MAINTENANCE	183.7730			
	N-OUTDR PLANTS IN CONTAINERS	517.6043	43	310.27	A
	ONION, DRY	6.4940	2	22.60	A
	PEACH	1.2386	1	1.25	A
	PEAR	5.7882	2	8.00	A
	PERSIMMON	3.8083	1	1.00	A
	PRUNE	88.7305	8	252.20	A
	RESEARCH COMMODITY	33.3244			
	RIGHTS OF WAY	361.3599			
	STONE FRUIT	3.7152	1	2.00	A
	TOMATO, PROCESSING	87.5141	16	778.00	A
	UNCULTIVATED AG	514.8011	124	5,136.64	A
	UNCULTIVATED NON-AG	16.9068	6	61.25	A
	WALNUT	547.5024	171	2,611.79	A
	Chemical Total	3,983.8758	501		
OXYTETRACYCLINE, CALCIUM COMPLEX					
	PEAR	181.0305	34	855.40	A
	Chemical Total	181.0305	34		
PARAQUAT DICHLORIDE					
	ALFALFA	8,845.2143	261	13,568.37	A
	ALMOND	488.2366	17	675.60	A
	APRICOT	9.5239	2	9.00	A
	CHERRY	13.0464	3	7.00	A
	GRAPE, WINE	100.8976	8	102.90	A
	PEACH	0.4430	1	0.50	A
	PRUNE	236.0299	7	213.10	A
	RESEARCH COMMODITY	24.8553			
	SUNFLOWER	196.3799	5	292.00	A
	TOMATO, PROCESSING	25.6095	1	37.00	A
	UNCULTIVATED AG	146.9032	8	209.30	A
	WALNUT	1,230.1163	65	1,454.68	A
	Chemical Total	11,317.2559	378		
PCNB					
	LANDSCAPE MAINTENANCE	686.2310			
	N-OUTDR PLANTS IN CONTAINERS	76.4532	18	6.26	A
	Chemical Total	762.6842	18		
PENDIMETHALIN					
	ALFALFA	7,875.0734	84	4,160.90	A
	ALMOND	2,773.3759	34	1,224.99	A
	APRICOT	8.3338	1	2.00	A
	CHERRY	8.3338	1	2.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PENDIMETHALIN				
CORN (FORAGE - FODDER)	203.0292	3	214.40	A
GRAPE, WINE	85.2268	1	50.00	A
LANDSCAPE MAINTENANCE	1,767.7183			
N-OUTDR PLANTS IN CONTAINERS	168.7756	21	142.01	A
ONION, DRY	17.7556	2	18.30	A
PEACH	4.1669	1	0.50	A
PEAR	36.7896	1	37.00	A
PRUNE	193.3065	3	46.90	A
RIGHTS OF WAY	309.8302			
STRUCTURAL PEST CONTROL	3.7763			
SUNFLOWER	230.8321	2	195.00	A
TURF/SOD	178.9764	7	252.00	A
WALNUT	1,165.5565	40	434.01	A
Chemical Total	15,030.8569	201		
PENOXSULAM				
LANDSCAPE MAINTENANCE	0.4105			
Chemical Total	0.4105			
PERMETHRIN				
ALFALFA	12.1615	2	122.00	A
LANDSCAPE MAINTENANCE	5.1691			
PUBLIC HEALTH	0.0132			
RESEARCH COMMODITY	0.0080			
STRUCTURAL PEST CONTROL	395.2754			
TOMATO, PROCESSING	4.7500	2	23.75	A
WALNUT	29.4072	5	157.00	A
Chemical Total	446.7844	9		
PERMETHRIN, OTHER RELATED				
LANDSCAPE MAINTENANCE	0.0013			
STRUCTURAL PEST CONTROL	0.0178			
Chemical Total	0.0191			
PETROLEUM DISTILLATES				
ALFALFA	165.3364	3	145.30	A
CORN (FORAGE - FODDER)	11.6354	2	77.40	A
GRAPE, WINE	8.5166	14	113.08	A
LANDSCAPE MAINTENANCE	117.3587			
PRUNE	30.0313	1	20.00	A
RIGHTS OF WAY	1.0377			
SAFFLOWER	66.0689	1	55.00	A
STRUCTURAL PEST CONTROL	87.8807			
TOMATO, PROCESSING	34.0555	2	50.20	A
UNCULTIVATED AG	71.4560	14	482.90	A
WALNUT	27.2684	2	18.15	A
Chemical Total	620.6456	39		
PETROLEUM DISTILLATES, REFINED				
GRAPE, WINE	1,884.4208	15	338.25	A
LANDSCAPE MAINTENANCE	1.3824			
N-OUTDR PLANTS IN CONTAINERS	2,083.0781	30	162.15	A
Chemical Total	3,968.8813	45		
PETROLEUM OIL, PARAFFIN BASED				
ALFALFA	3,084.7528	60	2,576.90	A
ALMOND	60.5581	4	206.00	A
PEAR	4.8657	1	4.00	A
REGULATORY PEST CONTROL	1.5206			
UNCULTIVATED NON-AG	0.4647		1.50	A
Chemical Total	3,152.1619	65		

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PETROLEUM OIL, UNCLASSIFIED				
ALMOND	4,692.0699	6	413.00	A
APPLE	7.0587	1	0.50	A
CITRUS	38.2723	4	9.50	A
GRAPE, WINE	240.0930	12	24.00	A
LANDSCAPE MAINTENANCE	18.3677			
PEACH	7.0587	1	0.50	A
PEAR	35.3784	2	10.00	A
PRUNE	6,145.0018	11	297.00	A
STRUCTURAL PEST CONTROL	0.0469			
Chemical Total	11,183.3474	37		
PHENOTHRIN				
LANDSCAPE MAINTENANCE	0.0029			
STRUCTURAL PEST CONTROL	0.1541			
Chemical Total	0.1570			
PHENYLETHYL PROPIONATE				
STRUCTURAL PEST CONTROL	4.7487			
Chemical Total	4.7487			
PHOSMET				
APPLE	63.3500	5	18.10	A
GRAPE, WINE	14.0000	1	10.00	A
PEAR	457.2400	5	103.00	A
WALNUT	35.0000	1	12.50	A
Chemical Total	569.5900	12		
PHOSPHORIC ACID				
ALFALFA	9.1900	9	254.60	A
APPLE	1.7403	5	18.10	A
CORN, HUMAN CONSUMPTION	15.2958	49	1,129.00	A
GRAPE, WINE	29.8697	24	292.82	A
LANDSCAPE MAINTENANCE	0.6183			
N-OUTDR PLANTS IN CONTAINERS	3.0950	24	68.28	A
PEAR	9.9034	5	103.00	A
SAFFLOWER	3.3141	3	130.00	A
SORGHUM (FORAGE - FODDER)	2.2653	1	70.00	A
STRUCTURAL PEST CONTROL	3.0683			
SUNFLOWER	4.5077	6	298.00	A
TOMATO, PROCESSING	9.0614	5	186.00	A
UNCULTIVATED AG	0.9194	2	110.00	A
WALNUT	8.5157	15	206.39	A
WHEAT	1.2092	1	36.00	A
Chemical Total	102.5736	149		
BETA-PINENE POLYMER				
PEAR	9.9774	2	47.50	A
Chemical Total	9.9774	2		
PIPERALIN				
PEPPER, SPICE	0.0046	1	0.10	A
Chemical Total	0.0046	1		
PIPERONYL BUTOXIDE				
CUCUMBER	0.5869	11	1.54	A
LANDSCAPE MAINTENANCE	0.2915			
N-OUTDR PLANTS IN CONTAINERS	0.7332	1	0.80	A
PEPPER, FRUITING	0.3331	6	0.84	A
PUBLIC HEALTH	259.0781			
RESEARCH COMMODITY	0.2158	7	0.70	A
SQUASH	0.5551	7	1.84	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PIPERONYL BUTOXIDE				
STRUCTURAL PEST CONTROL	76.6167			
Chemical Total	338.4104	32		
PIPERONYL BUTOXIDE, OTHER RELATED				
CUCUMBER	0.1467	11	1.54	A
LANDSCAPE MAINTENANCE	0.0713			
N-OUTDR PLANTS IN CONTAINERS	0.1833	1	0.80	A
PEPPER, FRUITING	0.0833	6	0.84	A
PUBLIC HEALTH	64.7596			
RESEARCH COMMODITY	0.0539	7	0.70	A
SQUASH	0.1388	7	1.84	A
STRUCTURAL PEST CONTROL	18.5584			
Chemical Total	83.9953	32		
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE				
ALFALFA	0.1167	1	25.00	A
RIGHTS OF WAY	41.9271			
WHEAT	1.6925	13	373.00	A
Chemical Total	43.7363	14		
POLYACRYLAMIDE POLYMER				
CORN (FORAGE - FODDER)	0.1296	2	77.40	A
PASTURELAND	0.0545	1	21.50	A
RIGHTS OF WAY	3.7707			
RYEGRASS	0.2376	2	70.00	A
UNCULTIVATED AG	0.9617	14	503.90	A
WALNUT	1.9117	13	183.89	A
WHEAT	1.0098	3	240.00	A
Chemical Total	8.0756	35		
POLYACRYLIC POLYMER				
ALFALFA	0.4206	4	130.00	A
RIGHTS OF WAY	1.9284			
SUNFLOWER	0.4079	6	298.00	A
Chemical Total	2.7569	10		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
ALFALFA	7.1929	25	1,057.70	A
GRAPE, WINE	53.4625	19	594.22	A
LANDSCAPE MAINTENANCE	0.9690			
N-OUTDR PLANTS IN CONTAINERS	63.4040	188	931.75	A
Chemical Total	125.0284	232		
POLYBUTENES				
CHERRY	0.7783	6	18.29	A
NECTARINE	0.0237	1	1.00	A
STRUCTURAL PEST CONTROL	0.2247			
VERTEBRATE CONTROL	66.7655			
Chemical Total	67.7922	7		
POLYETHER MODIFIED POLYSILOXANE				
GRAPE, WINE	90.5888	13	447.96	A
WALNUT	303.0297	28	1,804.00	A
Chemical Total	393.6185	41		
POLYETHYLENE GLYCOL				
ALFALFA	756.6345	131	6,762.10	A
ALMOND	209.9477	43	1,484.36	A
BEAN, DRIED	9.9959	2	151.00	A
CORN (FORAGE - FODDER)	22.9880	6	346.40	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYETHYLENE GLYCOL				
GRAPE, WINE	74.1818	33	488.24	A
ONION, DRY	5.7072	2	24.60	A
PEPPER, FRUITING	0.3169	1	51.00	A
PRUNE	18.7258	3	148.00	A
SAFFLOWER	2.9961	1	45.00	A
SORGHUM (FORAGE - FODDER)	15.5905	11	408.00	A
SUNFLOWER	62.9120	41	1,908.00	A
TOMATO, PROCESSING	77.9532	29	1,607.00	A
UNCULTIVATED AG	232.7168	37	2,073.40	A
UNCULTIVATED NON-AG	1.8030	1	27.00	A
WALNUT	17.8442	8	103.30	A
WHEAT	131.7144	53	2,697.67	A
WHEAT (FORAGE - FODDER)	0.2900	1	70.00	A
Chemical Total	1,642.3180	403		
POLYETHYLENE GLYCOL DIACETATE				
ALFALFA	5.9043	80	4,592.20	A
ALMOND	0.0573	2	20.00	A
APRICOT	0.0200	1	2.00	A
CABBAGE	0.1349	3	66.00	A
CHERRY	0.0133	2	6.00	A
GRAPE, WINE	3.4138	24	714.06	A
LANDSCAPE MAINTENANCE	0.8411			
N-OUTDR PLANTS IN CONTAINERS	0.0260	2	3.89	A
PEACH	0.0067	1	1.50	A
PEPPER, FRUITING	0.3282	7	229.00	A
PUBLIC HEALTH	0.0050			
SORGHUM (FORAGE - FODDER)	0.6114	2	367.00	A
SUNFLOWER	0.0333	1	20.00	A
TOMATO, PROCESSING	2.8072	28	1,404.00	A
UNCULTIVATED AG	0.0533	1	32.00	A
WALNUT	4.2699	56	1,274.75	A
Chemical Total	18.5257	210		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER				
ALFALFA	3.8242	1	98.00	A
CORN, HUMAN CONSUMPTION	8.8790	55	1,277.00	A
GRAPE, WINE	98.6007	16	389.63	A
N-OUTDR PLANTS IN CONTAINERS	220.3029	234	1,117.89	A
PEAR	5.4114	2	20.50	A
WALNUT	5.2447	2	45.00	A
Chemical Total	342.2629	310		
POLY-I-PARA-MENTHENE				
ALFALFA	14.0078	2	59.00	A
GRAPE, WINE	217.6134	27	630.89	A
PEAR	4.9189	1	10.50	A
STRAWBERRY	2.9738	1	5.00	A
TOMATO, PROCESSING	55.3128	5	186.00	A
Chemical Total	294.8267	36		
POLYMERIZED PINENE				
RIGHTS OF WAY	17.3649			
Chemical Total	17.3649			
POLYOXIN D				
LANDSCAPE MAINTENANCE	1.6844			
Chemical Total	1.6844			
POLYOXYETHYLENE DIOLEATE				
GRAPE, WINE	0.0089	1	50.00	A
LANDSCAPE MAINTENANCE	0.4804			

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYOXYETHYLENE DIOLEATE				
RIGHTS OF WAY	10.6429			
Chemical Total	11.1322	1		
POLYOXYETHYLENE POLYOXYPROPYLENE				
CHERRY	0.3155	1	6.50	A
GRAPE, WINE	10.8091	6	164.40	A
PEAR	21.1312	8	296.00	A
Chemical Total	32.2558	15		
POLYOXYETHYLENE SORBITOL, MIXED ETHER ESTER				
ALFALFA	551.4452	46	2,157.70	A
UNCULTIVATED NON-AG	2.2686		1.50	A
Chemical Total	553.7138	46		
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS				
ALFALFA	97.3051	12	366.20	A
Chemical Total	97.3051	12		
POLYOXYETHYLENE SORBITAN MONOOLEATE				
ALFALFA	0.3961	2	53.00	A
LANDSCAPE MAINTENANCE	0.1373			
PEAR	0.1196	1	4.00	A
REGULATORY PEST CONTROL	0.0374			
Chemical Total	0.6904	3		
POLYOXYETHYLENE SORBITAN TRIOLEATE				
ALFALFA	2.6080	2	53.00	A
PEAR	0.7873	1	4.00	A
REGULATORY PEST CONTROL	0.2460			
Chemical Total	3.6413	3		
POLYSACCHARIDE POLYMER				
CORN (FORAGE - FODDER)	0.0144	2	77.40	A
PASTURELAND	0.0061	1	21.50	A
RYEGRASS	0.0264	2	70.00	A
UNCULTIVATED AG	0.0738	12	393.90	A
WHEAT	0.1122	3	240.00	A
Chemical Total	0.2329	20		
POTASH SOAP				
LANDSCAPE MAINTENANCE	1.0527			
RESEARCH COMMODITY	22.7685			
Chemical Total	23.8212			
POTASSIUM BICARBONATE				
GRAPE, WINE	237.8984	8	73.53	A
Chemical Total	237.8984	8		
POTASSIUM HYDROXIDE				
ALFALFA	3.9098	51	2,102.70	A
CORN (FORAGE - FODDER)	0.3332	3	132.00	A
CORN, HUMAN CONSUMPTION	0.2802	6	148.00	A
MELON	0.1575	2	126.00	A
SORGHUM (FORAGE - FODDER)	1.4076	16	706.40	A
SORGHUM/MILO	0.0990	1	79.00	A
SUNFLOWER	0.5433	3	215.00	A
TOMATO, PROCESSING	1.3662	16	786.00	A
UNCULTIVATED AG	0.0878	1	70.00	A
WALNUT	2.0700	5	164.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POTASSIUM HYDROXIDE				
WHEAT	0.2898	4	231.00	A
Chemical Total	10.5444	108		
POTASSIUM N-METHYLDITHIOCARBAMATE				
TOMATO, PROCESSING	3,244.7199	1	9.45	A
Chemical Total	3,244.7199	1		
POTASSIUM NITRATE				
ALFALFA	37.1431	51	2,102.70	A
CORN (FORAGE - FODDER)	3.1656	3	132.00	A
CORN, HUMAN CONSUMPTION	2.6620	6	148.00	A
MELON	1.4965	2	126.00	A
SORGHUM (FORAGE - FODDER)	13.3723	16	706.40	A
SORGHUM/MILO	0.9401	1	79.00	A
SUNFLOWER	5.1609	3	215.00	A
TOMATO, PROCESSING	12.9790	16	786.00	A
UNCULTIVATED AG	0.8346	1	70.00	A
WALNUT	19.6651	5	164.00	A
WHEAT	2.7531	4	231.00	A
Chemical Total	100.1723	108		
POTASSIUM PHOSPHITE				
LANDSCAPE MAINTENANCE	1.7929			
Chemical Total	1.7929			
PRODIAMINE				
LANDSCAPE MAINTENANCE	35.8384			
N-OUTDR PLANTS IN CONTAINERS	97.0225	37	158.63	A
RIGHTS OF WAY	22.5875			
STRUCTURAL PEST CONTROL	16.2500			
Chemical Total	171.6984	37		
PROPARGITE				
BEAN, DRIED	410.4608	3	250.00	A
WALNUT	504.0000	13	324.50	A
Chemical Total	914.4608	16		
PROPETAMPHOS				
STRUCTURAL PEST CONTROL	0.0170			
Chemical Total	0.0170			
PROPICONAZOLE				
APRICOT	0.8905	4	8.00	A
CORN (FORAGE - FODDER)	1.5435	1	20.00	A
LANDSCAPE MAINTENANCE	46.1096			
N-OUTDR PLANTS IN CONTAINERS	26.6975	44	360.98	A
PEACH	1.6697	5	16.00	A
PRUNE	4.4525	2	40.00	A
WHEAT	99.9734	21	1,105.60	A
Chemical Total	181.3367	77		
PROPIONIC ACID				
ALMOND	31.1408	4	206.00	A
LANDSCAPE MAINTENANCE	9.5269			
RIGHTS OF WAY	223.1019			
WALNUT	5.1542	1	10.00	A
Chemical Total	268.9238	5		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PROPOXUR				
STRUCTURAL PEST CONTROL	0.0611			
Chemical Total	0.0611			
PROPYLENE GLYCOL				
ALFALFA	1.7200	12	471.70	A
APPLE	1.2823	5	18.10	A
CORN, HUMAN CONSUMPTION	15.7854	104	2,406.00	A
GRAPE, WINE	11.2078	10	293.96	A
N-OUTDR PLANTS IN CONTAINERS	250.0313	296	1,616.25	A
PEAR	7.2972	5	103.00	A
SAFFLOWER	1.4997	2	75.00	A
WALNUT	11.0734	7	89.75	A
Chemical Total	299.8971	441		
PROPYZAMIDE				
LETTUCE, LEAF	0.4375	1	0.30	A
Chemical Total	0.4375	1		
PYMETROZINE				
N-OUTDR PLANTS IN CONTAINERS	1.2501	5	9.81	A
PEPPER, SPICE	0.0125	1	0.50	A
RESEARCH COMMODITY	0.0031			
TOMATO	0.1000	1	4.00	A
Chemical Total	1.3657	7		
PYRACLOSTROBIN				
ALMOND	126.2879	32	1,307.50	A
APRICOT	0.5594	2	4.50	A
CHERRY	1.9260	6	22.00	A
CORN (FORAGE - FODDER)	15.4766	8	214.40	A
GRAPE, WINE	145.3870	47	1,626.33	A
LANDSCAPE MAINTENANCE	3.3600			
ONION, DRY	1.8204	1	12.30	A
PEACH	3.0000	1	30.00	A
PEPPER, FRUITING	54.4000	6	280.00	A
PUMPKIN	5.9120	1	43.00	A
SUNFLOWER	10.6000	1	53.00	A
TOMATO, PROCESSING	702.8040	87	4,425.40	A
WHEAT	217.4445	44	2,081.00	A
WHEAT (FORAGE - FODDER)	6.8440	1	70.00	A
Chemical Total	1,295.8218	237		
PYRAFLUFEN-ETHYL				
RIGHTS OF WAY	0.5279			
WALNUT	1.1219	4	210.00	A
Chemical Total	1.6498	4		
PYRETHRINS				
CUCUMBER	0.1071	18	7.49	A
GRAPE, WINE	1.5135	1	45.00	A
LANDSCAPE MAINTENANCE	0.0401			
N-OUTDR PLANTS IN CONTAINERS	0.0917	1	0.80	A
PEPPER, FRUITING	0.0420	7	0.98	A
PUBLIC HEALTH	64.7596			
RESEARCH COMMODITY	0.0371	25	2.50	A
SQUASH	0.0844	14	6.54	A
STRUCTURAL PEST CONTROL	21.1213			
Chemical Total	87.7968	66		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PYRIDABEN				
GRAPE, WINE	17.7892	5	84.00	A
Chemical Total	17.7892	5		
PYRIMETHANIL				
PRUNE	21.8349	1	80.00	A
Chemical Total	21.8349	1		
PYRIPROXYFEN				
LANDSCAPE MAINTENANCE	0.0156			
N-OUTDR PLANTS IN CONTAINERS	0.9413	3	5.48	A
STRUCTURAL PEST CONTROL	0.6852			
Chemical Total	1.6421	3		
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
GRAPE, WINE	39.2594	9	93.05	A
Chemical Total	39.2594	9		
QUINCLORAC				
LANDSCAPE MAINTENANCE	19.6709			
Chemical Total	19.6709			
QUINOXYFEN				
GRAPE, WINE	85.4887	35	1,042.03	A
Chemical Total	85.4887	35		
RIMSULFURON				
ALMOND	10.8125	4	346.00	A
GRAPE, WINE	7.4792	15	133.08	A
PRUNE	2.5313	1	108.00	A
TOMATO, PROCESSING	91.6613	110	4,345.04	A
Chemical Total	112.4843	130		
ROTENONE				
CUCUMBER	0.0281	7	5.95	A
PEPPER, FRUITING	0.0003	1	0.14	A
RESEARCH COMMODITY	0.0084	18	1.80	A
SQUASH	0.0125	7	4.70	A
Chemical Total	0.0493	33		
ROTENONE, OTHER RELATED				
CUCUMBER	0.0281	7	5.95	A
PEPPER, FRUITING	0.0003	1	0.14	A
RESEARCH COMMODITY	0.0084	18	1.80	A
SQUASH	0.0125	7	4.70	A
Chemical Total	0.0493	33		
SABADILLA ALKALOIDS				
CITRUS	0.0600	3	11.00	A
Chemical Total	0.0600	3		
SETHOXYDIM				
ALFALFA	183.5629	15	534.60	A
BEAN, DRIED	113.9075	7	345.00	A
LANDSCAPE MAINTENANCE	585.8502			
PUMPKIN	7.6756	1	29.20	A
RIGHTS OF WAY	21.5014			
SAFFLOWER	15.4588	1	55.00	A
TOMATO, PROCESSING	71.4989	5	272.00	A

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SETHOXYDIM				
UNCULTIVATED NON-AG	1.2183		3.00	A
WALNUT	4.2171	3	33.00	A
Chemical Total	1,004.8907	32		
SILICA AEROGEL				
STRUCTURAL PEST CONTROL	31.6139			
Chemical Total	31.6139			
SILICONE				
LANDSCAPE MAINTENANCE	0.5904			
RESEARCH COMMODITY	0.0324			
RIGHTS OF WAY	2.9041			
Chemical Total	3.5269			
SILICONE DEFOAMER				
GRAPE, WINE	0.1733	12	186.50	A
LANDSCAPE MAINTENANCE	0.0821			
RIGHTS OF WAY	0.6310			
STRUCTURAL PEST CONTROL	0.4075			
Chemical Total	1.2939	12		
SIMAZINE				
ALMOND	9.3672	4	206.00	A
GRAPE	15.0190	2	8.00	A
GRAPE, WINE	336.4497	12	309.00	A
LANDSCAPE MAINTENANCE	3.6000			
RIGHTS OF WAY	1,940.3183			
Chemical Total	2,304.7542	18		
SODIUM BROMIDE				
LANDSCAPE MAINTENANCE	263.1011			
WATER (INDUSTRLIAL)	23.9183		2.00	A
Chemical Total	287.0194			
SODIUM CARBONATE PEROXYHYDRATE				
LANDSCAPE MAINTENANCE	3,400.0000			
Chemical Total	3,400.0000			
SODIUM CHLORATE				
SAFFLOWER	1,154.2496	6	177.50	A
SUNFLOWER	90.6468	1	15.00	A
Chemical Total	1,244.8964	7		
SODIUM DECYL SULFATE				
STRUCTURAL PEST CONTROL	0.3027			
Chemical Total	0.3027			
SODIUM FLUORIDE				
RIGHTS OF WAY	10.5023			
Chemical Total	10.5023			
SODIUM HYDROXIDE				
UNCULTIVATED AG	1.6225	2	110.00	A
WALNUT	10.4275	13	183.89	A
Chemical Total	12.0500	15		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM HYPOCHLORITE				
INDUSTRIAL SITE	866.4429		12.00	A
LANDSCAPE MAINTENANCE	181.2918			
RIGHTS OF WAY	3.8110			
WATER (INDUSTRLIAL)	16.4811		2.00	A
Chemical Total	1,068.0268			
SODIUM LAUROAMPHO ACETATE				
STRUCTURAL PEST CONTROL	0.2284			
Chemical Total	0.2284			
SODIUM LAURYL SULFATE				
STRUCTURAL PEST CONTROL	0.1542			
Chemical Total	0.1542			
SODIUM NITRATE				
LANDSCAPE MAINTENANCE	1.8480			
Chemical Total	1.8480			
SODIUM POLYACRYLATE				
ALMOND	0.0374	2	58.00	A
WALNUT	1.0866	17	175.50	A
Chemical Total	1.1240	19		
SODIUM XYLENE SULFONATE				
GRAPE, WINE	2.0390	12	186.50	A
LANDSCAPE MAINTENANCE	0.9661			
STRUCTURAL PEST CONTROL	4.7942			
Chemical Total	7.7993	12		
SORBITAN FATTY ACID ESTERS				
ALFALFA	21.2855	12	366.20	A
Chemical Total	21.2855	12		
SPINETORAM				
ALMOND	5.3125	1	68.00	A
CUCUMBER	0.0611	7	0.98	A
PEAR	1.1475	1	10.50	A
PEPPER, FRUITING	0.0345	4	0.56	A
RESEARCH COMMODITY	0.0282	5	0.50	A
SQUASH	0.0345	4	0.56	A
Chemical Total	6.6183	22		
SPINOSAD				
APPLE	0.0763	5	64.50	A
CORN, HUMAN CONSUMPTION	0.4897	1	5.00	A
CUCUMBER	0.0777	5	0.70	A
EGGPLANT	0.0002	6	0.60	A
GRAPE, WINE	0.1000	2	11.50	A
MELON	0.0065	1	0.10	A
NECTARINE	0.1306	1	1.00	A
OLIVE	0.0418	17	159.00	A
PEPPER, FRUITING	0.0453	10	1.12	A
PEPPER, SPICE	0.0004	5	0.80	A
RESEARCH COMMODITY	0.0060			
SQUASH	0.0626	4	0.52	A
STONE FRUIT	0.0069	12	24.00	A
TOMATO	0.0067	12	20.00	A
TOMATO, PROCESSING	0.0225	1	72.00	A

Chemical	Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SPINOSAD					
	WALNUT	0.1628	50	838.00	A
	Chemical Total	1.2360	132		
SPIRODICLOFEN					
	GRAPE, WINE	26.9162	1	103.83	A
	Chemical Total	26.9162	1		
SPIROMESIFEN					
	CORN (FORAGE - FODDER)	281.8978	74	2,440.00	A
	RESEARCH COMMODITY	0.0013			
	Chemical Total	281.8991	74		
SPIROTETRAMAT					
	CITRUS	0.8400	4	12.00	A
	GRAPE, WINE	1.1025	1	17.50	A
	Chemical Total	1.9425	5		
STARCH					
	N-OUTDR PLANTS IN CONTAINERS	0.2992	108	684.50	A
	Chemical Total	0.2992	108		
STREPTOMYCIN SULFATE					
	APPLE	1.1844	3	14.10	A
	N-OUTDR PLANTS IN CONTAINERS	0.0795	1	0.52	A
	PEAR	1.4280	1	17.00	A
	Chemical Total	2.6919	5		
STRYCHNINE					
	ALFALFA	0.8100	1	45.00	A
	CITRUS	0.0007	3	1.50	A
	LANDSCAPE MAINTENANCE	0.0073			
	RIGHTS OF WAY	0.0650			
	STRUCTURAL PEST CONTROL	0.0193			
	UNCULTIVATED NON-AG	0.0042	3	24.00	A
	Chemical Total	0.9065	7		
STYRENE BUTADIENE COPOLYMER					
	ALFALFA	2.3243	12	471.70	A
	GRAPE, WINE	15.1456	10	293.96	A
	N-OUTDR PLANTS IN CONTAINERS	338.2844	296	1,616.25	A
	Chemical Total	355.7543	318		
SULFENTRAZONE					
	LANDSCAPE MAINTENANCE	0.2083			
	Chemical Total	0.2083			
SULFLURAMID					
	STRUCTURAL PEST CONTROL	0.0045			
	Chemical Total	0.0045			
SULFOMETURON-METHYL					
	LANDSCAPE MAINTENANCE	18.6752			
	RIGHTS OF WAY	176.5911			
	STRUCTURAL PEST CONTROL	0.0219			
	UNCULTIVATED NON-AG	1.9219		10.50	A
	Chemical Total	197.2101			

Department of Pesticide Regulation
2008 Annual Pesticide Use Report Indexed by Chemical
Sonoma County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SULFUR				
CABBAGE	970.2000	1	36.00	A
GRAPE	555.2000	13	99.00	A
GRAPE, WINE	149,563.0605	611	14,863.61	A
LANDSCAPE MAINTENANCE	3,137.3920			
MELON	2,160.9000	1	63.00	A
PEACH	38.4000	2	4.00	A
PEAR	652.8000	3	84.00	A
PEPPER, FRUITING	776.0000	3	175.00	A
PRUNE	1,530.0000	3	95.50	A
RESEARCH COMMODITY	120.0000			
TOMATO	59.7761	1	10.00	A
TOMATO, PROCESSING	72,754.3860	67	3,561.10	A
Chemical Total	232,318.1146	705		
SULFURYL FLUORIDE				
STRUCTURAL PEST CONTROL	2,454.3942			
Chemical Total	2,454.3942			
SYNTHETIC VEGETABLE GUMS				
WALNUT	7.0300	5	44.75	A
Chemical Total	7.0300	5		
TALL OIL				
ALFALFA	3.4931	8	302.80	A
GRAPE, WINE	22.9835	13	548.50	A
LANDSCAPE MAINTENANCE	3.3479			
RIGHTS OF WAY	27.6811			
UNCULTIVATED AG	1.1196	5	204.90	A
WHEAT	12.8377	11	648.30	A
Chemical Total	71.4629	37		
TALL OIL FATTY ACIDS				
ALFALFA	18.2795	8	345.60	A
ALMOND	7.2524	4	206.00	A
DITCH BANK	0.8412	1	44.00	A
GRAPE, WINE	1.8195	1	103.83	A
LANDSCAPE MAINTENANCE	0.2848			
PEAR	1.8107	1	37.00	A
RIGHTS OF WAY	15.5206			
SAFFLOWER	78.2972	8	252.50	A
SUNFLOWER	0.6731	1	72.00	A
UNCULTIVATED AG	24.2986	2	157.80	A
WALNUT	7.8727	4	210.00	A
WHEAT	49.8926	9	580.50	A
Chemical Total	206.8429	39		
TARTRAZINE				
LANDSCAPE MAINTENANCE	7.0588			
Chemical Total	7.0588			
TEBUCONAZOLE				
GRAPE, WINE	6.8389	3	68.06	A
PEACH	0.0563	1	0.25	A
Chemical Total	6.8952	4		
TEBUFENOZIDE				
WALNUT	3.5574	2	30.00	A
Chemical Total	3.5574	2		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TEBUTHIURON				
LANDSCAPE MAINTENANCE	14.1500			
RIGHTS OF WAY	0.8000			
Chemical Total	14.9500			
E-11-TETRADECEN-1-YL ACETATE				
GRAPE, WINE	3.1905	16	373.10	A
REGULATORY PEST CONTROL	199.4147			
Chemical Total	202.6052	16		
Z-11-TETRADECEN-1-YL ACETATE				
GRAPE, WINE	0.4948	16	373.10	A
Chemical Total	0.4948	16		
TETRAMETHRIN				
LANDSCAPE MAINTENANCE	0.0057			
STRUCTURAL PEST CONTROL	0.0076			
Chemical Total	0.0133			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
GRAPE, WINE	7.7687	12	186.50	A
LANDSCAPE MAINTENANCE	3.7660			
RIGHTS OF WAY	740.9589			
STRUCTURAL PEST CONTROL	18.2658			
UNCULTIVATED AG	8.1093	1	100.00	A
Chemical Total	778.8687	13		
TETRAPOTASSIUM PYROPHOSPHATE				
GRAPE, WINE	1.0195	12	186.50	A
LANDSCAPE MAINTENANCE	0.4830			
STRUCTURAL PEST CONTROL	2.3971			
Chemical Total	3.8996	12		
THIAMETHOXAM				
N-OUTDR PLANTS IN CONTAINERS	5.8438	18	79.91	A
STRUCTURAL PEST CONTROL	0.0008			
Chemical Total	5.8446	18		
THIOPHANATE-METHYL				
LANDSCAPE MAINTENANCE	141.1262			
N-OUTDR PLANTS IN CONTAINERS	566.4463	133	716.79	A
STRAWBERRY	5.6000	1	5.00	A
Chemical Total	713.1725	134		
THIRAM				
LANDSCAPE MAINTENANCE	9.8939			
Chemical Total	9.8939			
THYME				
STRUCTURAL PEST CONTROL	7.9080			
Chemical Total	7.9080			
TRIADIMEFON				
LANDSCAPE MAINTENANCE	0.5891			
N-OUTDR PLANTS IN CONTAINERS	0.7032	3	7.90	A
TOMATO, PROCESSING	6.1250	1	70.00	A
Chemical Total	7.4173	4		

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TRICLOPYR, BUTOXYETHYL ESTER				
LANDSCAPE MAINTENANCE	1,456.5239			
RIGHTS OF WAY	189.1885			
STRUCTURAL PEST CONTROL	0.7361			
TURF/SOD	784.7797	26	602.00	A
UNCULTIVATED NON-AG	48.8193	1	28.75	A
Chemical Total	2,480.0475	27		
TRICLOPYR, TRIETHYLAMINE SALT				
LANDSCAPE MAINTENANCE	151.4964			
RIGHTS OF WAY	972.6828			
Chemical Total	1,124.1792			
TRIETHANOLAMINE				
GRAPE, WINE	2.5998	12	186.50	A
LANDSCAPE MAINTENANCE	1.2317			
STRUCTURAL PEST CONTROL	6.1126			
Chemical Total	9.9441	12		
TRIFLOXYSTROBIN				
APPLE	4.4922	1	57.50	A
CORN (FORAGE - FODDER)	1.5435	1	20.00	A
GRAPE, WINE	24.7158	32	428.38	A
PEPPER, SPICE	0.0625	1	0.50	A
PUMPKIN	0.6875	1	5.50	A
SQUASH	0.6875	1	5.50	A
WHEAT	42.8117	8	569.60	A
Chemical Total	75.0007	45		
TRIFLUMIZOLE				
CUCUMBER	0.0306	1	0.14	A
GRAPE, WINE	8.4517	5	59.80	A
MELON	0.0125	1	0.10	A
SQUASH	0.6061	6	5.42	A
Chemical Total	9.1009	13		
TRIFLURALIN				
ALFALFA	232.0000	3	116.00	A
CABBAGE	38.9691	4	65.00	A
LANDSCAPE MAINTENANCE	162.5411			
N-OUTDR PLANTS IN CONTAINERS	104.1800	12	35.27	A
PEPPER, FRUITING	322.0760	15	506.10	A
RIGHTS OF WAY	7.6294			
SAFFLOWER	986.0978	23	1,007.07	A
STRUCTURAL PEST CONTROL	0.3000			
SUNFLOWER	729.4523	26	1,344.00	A
TOMATO	0.1000	1	1,000.00	U
TOMATO, PROCESSING	4,027.0087	188	8,735.12	A
Chemical Total	6,610.3544	272		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
ALFALFA	1.0692	12	471.70	A
CORN, HUMAN CONSUMPTION	16.5541	55	1,277.00	A
GRAPE, WINE	6.9670	10	293.96	A
N-OUTDR PLANTS IN CONTAINERS	148.7300	296	1,616.25	A
WALNUT	9.7782	2	45.00	A
Chemical Total	183.0985	375		
TRINEXAPAC-ETHYL				
LANDSCAPE MAINTENANCE	34.5366			
Chemical Total	34.5366			

Chemical Commodity		Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TRISODIUM PHOSPHATE					
APPLE		0.5496	5	18.10	A
CORN, HUMAN CONSUMPTION		4.8303	49	1,129.00	A
PEAR		3.1274	5	103.00	A
Chemical Total		8.5073	59		
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)					
ALFALFA		11.9656	5	270.60	A
CORN (FORAGE - FODDER)		10.3571	24	688.90	A
LANDSCAPE MAINTENANCE		3.2348			
PRUNE		0.2290	1	6.00	A
RIGHTS OF WAY		531.3344			
UNCULTIVATED AG		1.8994	9	128.30	A
WALNUT		36.6408	1	30.00	A
Chemical Total		595.6611	40		
UREA DIHYDROGEN SULFATE					
RIGHTS OF WAY		458.0473			
UNCULTIVATED AG		5.0130	1	100.00	A
Chemical Total		463.0603	1		
VINCLOZOLIN					
LANDSCAPE MAINTENANCE		33.0000			
Chemical Total		33.0000			
VINYL POLYMER					
ALFALFA		8.8908	44	1,859.62	A
ALMOND		0.1487	1	34.00	A
CORN (FORAGE - FODDER)		4.8491	11	661.40	A
FORAGE HAY/SILAGE		0.3446	1	158.00	A
OAT		0.0665	1	15.00	A
ONION, DRY		0.0743	1	16.60	A
PASTURELAND		0.3289	1	150.00	A
PEACH		0.0052	1	0.75	A
PEAR		0.6337	3	78.00	A
PRUNE		0.8812	5	364.00	A
RIGHTS OF WAY		0.0017			
RYE		0.2886	4	132.50	A
RYEGRASS		40.8341	46	3,063.00	A
SAFFLOWER		0.0787	3	36.00	A
SORGHUM (FORAGE - FODDER)		0.6385	1	73.00	A
SORGHUM/MILO		0.4443	4	101.40	A
TOMATO, PROCESSING		1.2016	3	249.10	A
UNCULTIVATED AG		17.8881	52	2,920.25	A
UNCULTIVATED NON-AG		0.1854	2	42.00	A
WALNUT		2.1394	19	312.30	A
WHEAT		71.1629	108	5,599.57	A
		0.3761	3	83.20	U
TOTAL POUNDS ON THIS COMMODITY	71.5390				
WHEAT (FORAGE - FODDER)		8.6590	4	183.20	A
Chemical Total		160.1214	318		
ZINC PHOSPHIDE					
LANDSCAPE MAINTENANCE		0.6075			
STRUCTURAL PEST CONTROL		0.0906			
Chemical Total		0.6981			
ZIRAM					
APPLE		213.4080	4	35.10	A
APRICOT		57.0000	6	17.00	A
NECTARINE		2.2800	1	0.50	A
PEACH		397.1000	10	70.50	A
PEAR		2,763.3600	17	454.50	A

Chemical	Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ZIRAM					
	RESEARCH COMMODITY	15.5200			
	STONE FRUIT	15.2000	1	8.00	A
	Chemical Total	3,463.8680	39		
	Solano County Total	**818,357.8770**	**16,416**		