

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MECOPROP-P	61.87			
MEFENOXAM	16.41			
MEFENOXAM, OTHER RELATED	0.53			
MEFLUIDIDE, DIETHANOLAMINE SALT	2.35			
METALDEHYDE	4.32			
METCONAZOLE	3.73			
METHIOCARB	< 0.01			
METHYLATED SOYBEAN OIL	33.61			
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE	0.08			
METHYL METHACRYLATE	0.67			
MINERAL OIL	868.08			
MSMA	67.84			
MYCLOBUTANIL	5.44			
NAA	0.04			
NAA, AMMONIUM SALT	1.00			
NONANOIC ACID	11.06			
NONANOIC ACID, OTHER RELATED	0.58			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)	346.45			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER	0.06			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	< 0.01			
OIL OF BLACK PEPPER	0.07			
OLEIC ACID, ETHYL ESTER	151.85			
OLEIC ACID, METHYL ESTER	10.91			
ORYZALIN	107.11			
OXADIAZON	28.98			
OXYFLUORFEN	9.80			
OXYTETRACYCLINE HYDROCHLORIDE	3.09			
PACLOBUTRAZOL	6.48			
PCNB	167.77			
PENDIMETHALIN	186.79			
PENOXSULAM	3.17			
PENTHIOPYRAD	22.84			
PERMETHRIN	209.46			
PETROLEUM DISTILLATES	74.53			
PETROLEUM DISTILLATES, AROMATIC	0.39			
PETROLEUM DISTILLATES, REFINED	12.92			
PETROLEUM OIL, UNCLASSIFIED	8.55			
PHOSPHORIC ACID	0.23			
PIPERINE	0.03			
PIPERONYL BUTOXIDE	4.30			
PIPERONYL BUTOXIDE, OTHER RELATED	1.04			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	148.47			
POLYOXIN D, ZINC SALT	7.64			
POLYOXYETHYLENE DIOLEATE	26.57			
POLYOXYETHYLENE SORBITAN MONOOLEATE	7.59			
POTASH SOAP	10.11			
POTASSIUM PHOSPHITE	5,583.89			
PRALLETHRIN	< 0.01			
PRODIAMINE	60.90			
PROPAMOCARB HYDROCHLORIDE	0.93			
PROPICONAZOLE	93.73			
	1.17	1	1.40	A

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Chemical	94.90			
PROPYLENE GLYCOL	50.08			
PYRACLOSTROBIN	36.38			
PYRETHRINS	0.52			
PYRIPROXYFEN	0.93			
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.01			
QUILLAJA	88.47			
QUINCLORAC	30.69			
QUINCLORAC, DIMETHYLAMINE SALT	25.11			
SILICONE DEFOAMER	0.03			
SODIUM ARSENATE	0.01			
SODIUM NITRATE	2.04			
SODIUM POLYACRYLATE	< 0.01			
SODIUM XYLENE SULFONATE	0.36			
SPINOSAD	100.05			
STREPTOMYCIN SULFATE	0.33			
STRYCHNINE	0.33			
SULFENTRAZONE	4.61			
SULFOMETURON-METHYL	11.50			
SULFUR	1.89			
SULFUR DIOXIDE	4.95			
TALL OIL	2.16			
TALL OIL FATTY ACIDS	1.25			
TEBUCONAZOLE	16.31			
TERRAZOLE	0.96			
TETRACHLORVINPHOS	< 0.01			
TETRAMETHRIN	< 0.01			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	1.36			
TETRAPOTASSIUM PYROPHOSPHATE	0.18			
THIAMETHOXAM	6.80			
THIOPHANATE-METHYL	348.34			
TRIADIMEFON	12.40			
TRICLOPYR, BUTOXYETHYL ESTER	252.69			
TRICLOPYR, TRIETHYLAMINE SALT	252.62			
TRIETHANOLAMINE	0.45			
TRIFLOXYSTROBIN	15.81			
TRIFLOXYSULFURON-SODIUM	0.03			
TRIFLURALIN	0.80			
TRINEXAPAC-ETHYL	159.43			
TRITICONAZOLE	19.22			
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)	26.29			
ZINC PHOSPHIDE	0.62			
Site Total	27,801.79	15		
LETTUCE, LEAF				
AZADIRACTIN	< 0.01	3	3,565.00	S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	< 0.01	9	17,315.00	S
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	0.10	4	4,490.00	S
IRON PHOSPHATE	0.28	25	89,374.00	S
POTASH SOAP	0.17	4	5,375.00	S
PYRETHRINS	< 0.01	8	9,865.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	3	4,575.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SPINOSAD	< 0.01	6	12,260.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	3	4,240.00	S
Site Total	0.57	65		
MELON				
AZADIRACTIN	< 0.01	2	3,700.00	S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	< 0.01	3	6,475.00	S
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	0.13	2	3,700.00	S
POTASH SOAP	0.12	2	3,700.00	S
PYRETHRINS	< 0.01	4	7,400.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	1	2,775.00	S
SPINOSAD	< 0.01	1	2,775.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	2	3,700.00	S
Site Total	0.26	17		
MUSHROOM				
HYDROGEN PEROXIDE	1.63	134	120,600.00	S
PEROXYACETIC ACID	0.12	134	120,600.00	S
Site Total	1.75	134		
MUSTARD				
POTASH SOAP	0.02	1	420.00	S
PYRETHRINS	< 0.01	1	420.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	1	420.00	S
SPINOSAD	< 0.01	2	840.00	S
Site Total	0.02	5		
N-GRNHS FLOWER				
ABAMECTIN	0.22	2	75,000.00	S
	0.09	2	2.50	A
Total Pounds On This Chemical	0.31			
ACEPHATE	139.92	19	95.00	A
	134.25	46	2,245,000.00	S
Total Pounds On This Chemical	274.17			
ACETAMIPRID	1.41	5	18.50	A
AZADIRACTIN	0.07	4	100,000.00	S
AZOXYSTROBIN	0.81	1	50,000.00	S
BACILLUS AMYLOLIQUEFACIENS STRAIN D747	62.26	8	400,000.00	S
BIFENAZATE	0.56	5	300,000.00	S
BOSCALID	0.13	1	50,000.00	S
CARBARYL	0.77	4	200,000.00	S
CYPRODINIL	10.31	9	48.00	A
DIMETHYLPOLYSILOXANE	0.11	15	63.50	A
ETOXAZOLE	0.04	2	125,000.00	S
FENHEXAMID	9.75	6	24.00	A
FLUDIOXONIL	6.88	9	48.00	A
TAU-FLUVALINATE	2.54	7	320,000.00	S
PIPERALIN	27.93	20	42.00	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	20.06	8	375,000.00	S
	4.31	32	90.00	A
Total Pounds On This Chemical	24.37			
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE	1.38	8	425,000.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER	3.70	15	63.50	A
POTASH SOAP	947.31	43	2,300,000.00	S
	1.02	1	1.50	A
Total Pounds On This Chemical	948.34			
POTASSIUM BICARBONATE	140.25	11	48.00	A
	136.00	42	1,975,000.00	S
Total Pounds On This Chemical	276.25			
PROPYLENE GLYCOL	17.62	47	153.50	A
	0.52	3	150,000.00	S
Total Pounds On This Chemical	18.14			
PYMETROZINE	1.88	1	9.00	A
PYRACLOSTROBIN	0.25	1	50,000.00	S
PYRIDALYL	28.26	13	62.00	A
SPINOSAD	15.43	23	96.00	A
SPIROTETRAMAT	3.83	5	28.00	A
STARCH	0.02	15	63.50	A
STYRENE BUTADIENE COPOLYMER	23.85	47	153.50	A
	0.70	3	150,000.00	S
Total Pounds On This Chemical	24.55			
TRIFLOXYSTROBIN	0.88	2	125,000.00	S
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY(OXYETHYLENE)	10.46	47	153.50	A
	0.32	3	150,000.00	S
Total Pounds On This Chemical	10.79			
Site Total	1,756.12	345		
N-GRNHS PLANTS IN CONTAINERS				
ABAMECTIN	< 0.01	3	0.09	A
AZADIRACHTIN	< 0.01	1	1,700.00	S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14	0.11	1	2,000.00	S
CARBARYL	0.91	3	0.09	A
TAU-FLUVALINATE	0.01	1	650.00	S
IMIDACLOPRID	0.08	1	0.03	A
	0.01	1	650.00	S
Total Pounds On This Chemical	0.09			
IRON PHOSPHATE	0.05	1	5,000.00	S
MARGOSA OIL	0.35	1	1,700.00	S
METALDEHYDE	0.21	10	900.00	S
	0.02	1	90.00	U
Total Pounds On This Chemical	0.23			
MINERAL OIL	1.32	5	10,000.00	S
POLYETHER MODIFIED POLYSILOXANE	0.64	6	13,700.00	S
POTASH SOAP	1.95	3	4,200.00	S
POTASSIUM BICARBONATE	2.22	5	9,400.00	S
PYRETHRINS	0.05	6	9,100.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.20	6	14,400.00	S
TEBUCONAZOLE	0.01	1	650.00	S
THIOPHANATE-METHYL	0.99	21	699.00	S
Site Total	9.13	74		
N-GRNHS TRANSPLANTS				
ABAMECTIN	0.10	17	403,400.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ACEPHATE	13.30	34	782,600.00	S
ACETAMIPRID	0.10	3	66,200.00	S
ALKYL (60%C14, 30%C16, 5%C12, 5%C18)				
DIMETHYLBENZYL AMMONIUM CHLORIDE	0.06	3	73,800.00	S
AMETOCTRADIN	0.33	3	70,200.00	S
AZADIRACTIN	0.16	11	287,200.00	S
AZOXYSTROBIN	0.26	4	109,200.00	S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11	0.23	6	143,200.00	S
BIFENAZATE	0.50	1	1.00	A
	0.02	1	12,400.00	S
Total Pounds On This Chemical	0.52			
BIFENTHRIN	0.47	7	156,932.50	S
BOSCALID	0.68	8	174,700.00	S
CHLORANTRANILIPROLE	0.07	1	1.00	A
CHLOROTHALONIL	14.76	8	101,300.00	S
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	1.17	1	16,000.00	S
COPPER HYDROXIDE	4.76	9	352,700.00	S
COPPER OXIDE (OUS)	1.57		0.20	A
CYPRODINIL	0.08	2	51,800.00	S
CYROMAZINE	0.13	3	17,319.00	S
DAMINOZIDE	0.96	13	98,000.00	S
DIMETHOMORPH	0.24	3	70,200.00	S
DINOTEFURAN	< 0.01	1	200.00	S
DITHIOPYR	0.20	2	45,200.00	S
EDTA, TETRASODIUM SALT	0.05	3	73,800.00	S
FATTY ACIDS, MIXED	0.04	9	250,400.00	S
FENAMIDONE	0.57	4	81,400.00	S
FENHEXAMID	2.50	1	1.00	A
	0.78	2	52,400.00	S
Total Pounds On This Chemical	3.28			
FLUDIOXONIL	0.05	2	51,800.00	S
FLUOPICOLIDE	0.19	3	77,000.00	S
TAU-FLUVALINATE	0.43	8	175,000.00	S
FOSETYL-AL	9.30	8	178,940.00	S
GLYPHOSATE, ISOPROPYLAMINE SALT	1.88	2	75,000.00	S
	1.41	1	1.50	A
Total Pounds On This Chemical	3.29			
HYDROGEN PEROXIDE	1.07	6	42,000.00	S
IMIDACLOPRID	0.53	15	329,100.00	S
IPRODIONE	0.27	3	32,000.00	S
IRON PHOSPHATE	0.05	3	1.03	A
ISOXABEN	0.34	2	81,600.00	S
	0.14	1	1.50	A
Total Pounds On This Chemical	0.48			
LECITHIN	0.99	9	250,400.00	S
MANCOZEB	3.47	6	105,200.00	S
MEFENOXAM	0.48	7	55,332.50	S
MEFENOXAM, OTHER RELATED	< 0.01	2	4,800.00	S
MINERAL OIL	0.85	5	3,600.00	S
	0.49	3	143.00	U
Total Pounds On This Chemical	1.34			
MYCLOBUTANIL	0.40	1	40,000.00	S
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.27	9	250,400.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ORYZALIN	0.39	1	60,000.00	S
	0.39	1	1.50	A
Total Pounds On This Chemical	0.78			
PACLOBUTRAZOL	0.03	12	12,500.00	S
PEROXYACETIC ACID	0.08	6	42,000.00	S
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.71	37	926,100.00	S
POLYOXIN D, ZINC SALT	0.13	6	125,400.00	S
POTASSIUM BICARBONATE	5.39	12	130,400.00	S
POTASSIUM PHOSPHITE	1.00	1	1.00	A
	0.10	1	1,400.00	S
Total Pounds On This Chemical	1.10			
PROPIONIC ACID	0.99	9	250,400.00	S
PROPYLENE GLYCOL	1.56	37	926,100.00	S
PYRACLOSTROBIN	0.66	8	174,700.00	S
PYRETHRINS	0.02	3	18,000.00	S
PYRIPROXYFEN	0.04	5	4,300.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.18	8	78,400.00	S
SPINOSAD	0.52	8	166,600.00	S
SPIROMESIFEN	0.03	1	1,800.00	S
SPIROTETRAMAT	0.01	1	1,800.00	S
STREPTOMYCIN SULFATE	0.56	1	2,600.00	S
STYRENE BUTADIENE COPOLYMER	2.11	37	926,100.00	S
SULFUR	1.60	1	40,000.00	S
TERRAZOLE	2.17	7	71,500.00	S
THIOPHANATE-METHYL	17.07	39	666,332.50	S
TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2	0.07	1	20,000.00	S
TRIFLUMIZOLE	0.38	2	16,600.00	S
TRIFLURALIN	0.78	1	21,600.00	S
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXPOLY(OXYETHYLENE)	0.97	37	926,100.00	S
Site Total	104.63	368		
N-OUTDR FLOWER				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	1.37	2	8.00	A
AZADIRACHTIN	0.02	1	0.75	A
AZOXYSTROBIN	2.40	2	11.00	A
BIFENAZATE	< 0.01	1	0.25	A
COPPER OXIDE (OUS)	0.63	1	0.25	A
DIAZINON	2.88	2	8.00	A
TAU-FLUVALINATE	0.12	3	3.00	A
GLYPHOSATE, POTASSIUM SALT	52.71	8	37.10	A
IMIDACLOPRID	0.09	3	3.00	A
MALATHION	4.09	1	2.00	A
MINERAL OIL	0.22	1	0.10	A
ORYZALIN	9.59	1	7.50	A
OXYFLUORFEN	13.98	7	31.60	A
PETROLEUM DISTILLATES, REFINED	24.63	1	6.00	A
POTASH SOAP	3.58	1	1.00	A
POTASSIUM BICARBONATE	4.25	2	2.00	A
SPINOSAD	0.10	1	4.00	A
SULFUR	0.40	1	0.25	A
TEBUCONAZOLE	0.13	3	3.00	A
THIOPHANATE-METHYL	2.48	2	19,500.00	U

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
		0.68	1	1.00 A
Total Pounds On This Chemical	3.16			
Site Total		124.34	39	
N-OUTDR PLANTS IN CONTAINERS				
ABAMECTIN		0.04	5	40.00 A
		0.03	6	29,300.00 S
Total Pounds On This Chemical	0.07			
ACEPHATE		115.25	42	175.00 A
		4.14	11	72,700.00 S
Total Pounds On This Chemical	119.39			
ALKYL (60%C14, 30%C16, 5%C12, 5%C18)				
DIMETHYLBENZYL AMMONIUM CHLORIDE		0.71	3	70,000.00 S
ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE		0.71	3	70,000.00 S
AZADIRACHTIN		0.20	15	63.00 A
		0.06	6	28,100.00 S
Total Pounds On This Chemical	0.26			
AZOXYSTROBIN		11.23	113	489,300.00 S
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52		0.19	4	11,200.00 S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B		0.06	3	10,600.00 S
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES		5.01	16	64.00 A
		0.05	2	4,800.00 S
Total Pounds On This Chemical	5.06			
BEAUVERIA BASSIANA STRAIN GHA		1.24	7	35.00 A
BIFENTHRIN		1.60	4	36.00 A
BOSCALID		0.03	1	2,200.00 S
CARBARYL		0.86	5	12.00 A
CHLOROTHALONIL		30.88	27	262,500.00 S
		1.65	1	4.00 A
Total Pounds On This Chemical	32.53			
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL		0.18	1	1.00 A
COPPER OCTANOATE		0.58	4	11,800.00 S
COPPER OXIDE (OUS)		21.76	6	30.00 A
CYFLUMETOFEN		0.30	6	18,400.00 S
CYFLUTHRIN		0.53	7	35.00 A
DIMETHENAMID-P		0.11	1	6,000.00 S
DINOTEFURAN		1.11	7	20.50 A
DIQUAT DIBROMIDE		2.61	13	58.50 A
DITHIOPYR		0.08	1	2.00 A
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE		0.10	3	5.25 A
ETOXAZOLE		0.03	1	8.00 A
TAU-FLUVALINATE		0.72	20	77,600.00 S
FOSETYL-AL		4.03	4	25,600.00 S
		3.20	1	2.00 A
Total Pounds On This Chemical	7.23			
GLYPHOSATE, ISOPROPYLAMINE SALT		144.40	27	191.50 A
		2.97	2	60,000.00 S
Total Pounds On This Chemical	147.38			
GLYPHOSATE, POTASSIUM SALT		143.52	18	59.00 A
		21.51	21	315,300.00 S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Chemical	165.03			
HYDROGEN PEROXIDE	0.71	20	56,000.00	S
IMIDACLOPRID	1.86	13	120.00	A
		11	44,900.00	S
Total Pounds On This Chemical	3.39			
IPRODIONE	12.37	11	118,000.00	S
IRON PHOSPHATE	0.10	2	2.00	A
ISOPROPYL ALCOHOL	0.73	68	449,700.00	S
ISOXABEN	1.13	7	49.50	A
LAMBDA-CYHALOTHRIN	3.46	40	131.00	A
LIME-SULFUR	1.08	2	8.00	A
MALATHION	4.03	10	37.00	A
MARGOSA OIL	5.85	5	25,300.00	S
MEFENOXAM	10.25	90	332,700.00	S
	2.15	12	102.00	A
Total Pounds On This Chemical	12.40			
MEFENOXAM, OTHER RELATED	0.34	90	332,700.00	S
	0.06	12	102.00	A
Total Pounds On This Chemical	0.40			
METALDEHYDE	19.78	3	21.75	A
	15.05	1	430,000.00	S
Total Pounds On This Chemical	34.83			
METHOXYFENOZIDE	1.75	7	35.00	A
MINERAL OIL	8.90	12	21.00	A
	0.10	3	168.00	U
Total Pounds On This Chemical	8.99			
MYCLOBUTANIL	1.00	5	29.50	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	15.17	68	449,700.00	S
PENDIMETHALIN	0.69	3	16,500.00	S
PETROLEUM DISTILLATES, REFINED	57.29	2	12.00	A
POLYETHER MODIFIED POLYSILOXANE	0.40	3	8,700.00	S
POTASH SOAP	6.91	5	9,300.00	S
POTASSIUM BICARBONATE	1.30	2	5,700.00	S
PRODIAMINE	2.76	10	98.00	A
PRODIAMINE, OTHER RELATED	0.31	10	98.00	A
PROPICONAZOLE	0.65	6	58.00	A
	0.12	5	33,300.00	S
Total Pounds On This Chemical	0.77			
PYMETROZINE	0.31	4	20.00	A
PYRACLOSTROBIN	0.06	1	2,200.00	S
PYRETHRINS	0.36	7	23.00	A
	0.13	7	18,700.00	S
Total Pounds On This Chemical	0.49			
PYRIDABEN	0.05	1	3,000.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.06	2	5,700.00	S
SPINOSAD	3.92	33	82.25	A
	< 0.01	3	168.00	U
Total Pounds On This Chemical	3.93			
E-11-TETRADECEN-1-YL ACETATE	2.46	3	5.25	A
THIOPHANATE-METHYL	143.27	86	312,400.00	S
	9.68	10	69.00	A
Total Pounds On This Chemical	152.95			
Site Total	859.78	919		

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-OUTDR TRANSPLANTS				
BOSCALID	0.28	2	5.00	A
COPPER OXIDE (OUS)	6.71	1	3.00	A
CYROMAZINE	0.12	1	4,000.00	S
DAMINOZIDE	0.43	4	800.00	S
DINOTEFURAN	< 0.01	2	250.00	S
FENHEXAMID	1.00	1	1.00	A
GLYPHOSATE, POTASSIUM SALT	13.32	3	13.50	A
HYDROGEN PEROXIDE	0.58	1	2.00	A
IMIDACLOPRID	< 0.01	1	1,000.00	S
MYCLOBUTANIL	0.80	1	1.00	A
OXYFLUORFEN	4.84	3	13.50	A
PACLOBUTRAZOL	< 0.01	3	1,800.00	S
PETROLEUM DISTILLATES, REFINED	14.07	1	2.00	A
POTASSIUM BICARBONATE	13.05	4	6.00	A
POTASSIUM PHOSPHITE	3.13	1	1,400.00	S
PYRACLOSTROBIN	0.19	2	5.00	A
PYRIPROXYFEN	< 0.01	1	100.00	S
SPINOSAD	0.19	2	3.00	A
SPIROTETRAMAT	0.36	2	4.00	A
TETRACONAZOLE	0.08	1	1.00	A
Site Total	59.17	35		
NECTARINE				
COPPER AMMONIUM COMPLEX	0.10	1	0.25	A
COPPER OXIDE (OUS)	0.20	1	0.25	A
MINERAL OIL	1.74	1	0.25	A
SPINETORAM	< 0.01	1	0.25	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	0.11	1	0.25	A
Site Total	2.15	5		
OAT				
BENZOIC ACID	5.42	8	1,039.72	A
BROMOXYNIL HEPTANOATE	296.91	8	862.82	A
BROMOXYNIL OCTANOATE	307.90	8	862.82	A
BUTYL ALCOHOL	48.01	18	2,859.72	A
CARFENTRAZONE-ETHYL	11.93	4	815.00	A
CHLORSULFURON	24.81	12	1,593.90	A
2,4-D, DIMETHYLAMINE SALT	2,449.53	17	2,827.90	A
DIMETHYL ALKYL TERTIARY AMINES	5.92	8	1,039.72	A
DIMETHYLPOLYSILOXANE	0.54	18	2,859.72	A
GLYPHOSATE, ISOPROPYLAMINE SALT	703.01	4	705.00	A
GLYPHOSATE, POTASSIUM SALT	1,179.20	5	1,090.00	A
METHYLATED SOYBEAN OIL	207.06	8	1,039.72	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	431.57	18	2,859.72	A
POLYACRYLAMIDE POLYMER	9.87	11	2,170.00	A
POLYSACCHARIDE POLYMER	1.10	11	2,170.00	A
SODIUM HYPOCHLORITE	1.27	1	1,000.00	?
Site Total	5,684.05	88		

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
OAT (FORAGE - FODDER)				
2,4-D, DIMETHYLAMINE SALT	5.06	1	9.00	A
Site Total	5.06	1		
OLIVE				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.33	2	806.00	U
	0.22	3	10.25	A
Total Pounds On This Chemical	0.55			
ALPHA-PINENE BETA-PINENE COPOLYMER	0.25	1	0.50	A
AMMONIUM NITRATE	0.04	2	806.00	U
	0.03	3	10.25	A
Total Pounds On This Chemical	0.07			
AMMONIUM SULFATE	1.05	2	806.00	U
	0.71	3	10.25	A
Total Pounds On This Chemical	1.76			
CAPRIC ACID	10.80	1	2.00	A
CAPRYLIC ACID	15.86	1	2.00	A
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT	< 0.01	2	550.00	U
COPPER HYDROXIDE	2.58	1	500.00	U
	0.64	1	2.00	A
Total Pounds On This Chemical	3.22			
COPPER OXIDE (OUS)	33.62	4	7.37	A
COPPER OXYCHLORIDE	2.86	1	500.00	U
	0.71	1	2.00	A
Total Pounds On This Chemical	3.57			
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.01	1	0.50	A
FENPROPATHRIN	2.45	8	7.75	A
GLYPHOSATE, POTASSIUM SALT	23.50	4	15.25	A
	21.72	3	2,006.00	U
Total Pounds On This Chemical	45.23			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	1.05	3	4.00	A
KAOLIN	191.90	8	16.30	A
LIME-SULFUR	15.37	1	0.50	A
MINERAL OIL	48.34	3	5.37	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.02	2	550.00	U
PETROLEUM DISTILLATES, REFINED	21.17	3	5.50	A
	4.12	1	5,000.00	S
Total Pounds On This Chemical	25.29			
PYRETHRINS	0.05	2	2.80	A
QUILLAJA	0.02	2	550.00	U
SPINOSAD	0.13	56	376.41	A
	0.10	152	22,200.00	U
Total Pounds On This Chemical	0.23			
SULFUR	1.00	1	50.00	U
Site Total	400.67	259		
ONION, GREEN				
CHLORTHAL-DIMETHYL	27.00	1	3.00	A
HYDROGEN PEROXIDE	0.53	10	1.14	A
PEROXYACETIC ACID	0.04	10	1.14	A

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PYRETHRINS	0.01	2	0.26	A
Site Total	27.58	13		
PASTURELAND				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	5.64	2	30.00	A
AMMONIUM NITRATE	0.73	2	30.00	A
AMMONIUM SULFATE	18.00	2	30.00	A
BENZOIC ACID	0.38	2	86.00	A
BUTYL ALCOHOL	1.67	1	48.00	A
CLOPYRALID, MONOETHANOLAMINE SALT	11.87	1	48.00	A
2,4-D, DIMETHYLAMINE SALT	85.52	1	38.00	A
DIMETHYL ALKYL TERTIARY AMINES	0.41	2	86.00	A
DIMETHYLPOLYSILOXANE	0.02	1	48.00	A
METHYLATED SOYBEAN OIL	14.35	2	86.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	14.99	1	48.00	A
TRICLOPYR, BUTOXYETHYL ESTER	44.42	2	30.00	A
Site Total	197.99	9		
PEACH				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	1.30	3	4.50	A
BACILLUS PUMILUS, STRAIN QST 2808	0.06	1	1.00	A
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES	2.97	1	5.50	A
COPPER AMMONIUM COMPLEX	0.10	1	0.25	A
COPPER HYDROXIDE	10.45	4	5.50	A
COPPER OXIDE (OUS)	113.46	6	13.50	A
COPPER OXYCHLORIDE	6.43	3	4.50	A
MINERAL OIL	15.63	2	0.50	A
MYCLOBUTANIL	0.10	1	1.00	A
PETROLEUM DISTILLATES, REFINED	21.39	4	3.25	A
PYRETHRINS	0.46	4	2.30	A
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	3.50	6	13.00	A
SPINETORAM	< 0.01	1	0.25	A
SULFUR	176.00	5	27.50	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXPOLY(OXYETHYLENE)	0.11	1	0.25	A
THIOPHANATE-METHYL	1.05	1	1.00	A
ULOCADIUM OUDEMANSII (U3 STRAIN)	39.60	4	22.00	A
Site Total	392.62	45		
PEAR				
AUREOBASIDIUM PULLULANS STRAIN DSM 14940	4.64	3	19.00	A
AUREOBASIDIUM PULLULANS STRAIN DSM 14941	4.64	3	19.00	A
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	0.02	1	0.50	A
CITRIC ACID	57.65	3	19.00	A
CODLING MOTH GRANULOSIS VIRUS	< 0.01	1	0.30	A
COPPER AMMONIUM COMPLEX	0.10	1	0.25	A
COPPER HYDROXIDE	10.75	1	9.00	A
COPPER OXIDE (OUS)	1.47	2	0.80	A

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
COPPER OXYCHLORIDE	11.91	1	9.00	A
(S)-CYPERMETHRIN	0.07	2	2.00	A
DISODIUM PHOSPHATE	30.65	3	19.00	A
LIME-SULFUR	5.77	1	1.00	A
MINERAL OIL	69.56	1	9.00	A
MYCLOBUTANIL	0.10	1	1.00	A
OXYTETRACYCLINE HYDROCHLORIDE	6.59	4	36.00	A
OXYTETRACYCLINE HYDROCHLORIDE, OTHER RELATED	0.06	4	36.00	A
PETROLEUM DISTILLATES, REFINED	16.38	4	2.55	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.05	2	2.00	A
PROPYLENE GLYCOL	0.11	2	2.00	A
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.29	1	1.00	A
REYNOUTRIA SACHALINENSIS	0.05	1	0.50	A
SPINETORAM	< 0.01	1	0.25	A
STREPTOMYCIN SULFATE	5.32	9	45.00	A
STYRENE BUTADIENE COPOLYMER	0.15	2	2.00	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	0.11	1	0.25	A
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA- HYDROXYPOLY(OXYETHYLENE)	0.07	2	2.00	A
ZIRAM	3.04	1	1.00	A
Site Total	229.55	41		
PEPPER, FRUITING				
AZADIRACTIN	< 0.01	2	1,850.00	S
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	0.03	6	5,550.00	S
BIFENTHRIN	0.43	1	14.00	A
CARBARYL	60.00	2	65.00	A
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	0.06	2	1,850.00	S
CYFLUTHRIN	1.95	2	60.00	A
POTASH SOAP	0.13	3	2,775.00	S
PYRETHRINS	< 0.01	6	5,550.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	4	3,700.00	S
SPINOSAD	< 0.01	3	2,775.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	1	925.00	S
Site Total	62.61	32		
PLUM				
COPPER OXIDE (OUS)	6.17	8	7.30	A
(S)-CYPERMETHRIN	0.10	2	3.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	3.10	3	2.00	A
PETROLEUM DISTILLATES, REFINED	0.88	1	0.05	A
Site Total	10.25	14		
POME FRUIT				
LIME-SULFUR	13.31	1	0.13	A
PETROLEUM DISTILLATES, REFINED	3.05	1	0.13	A
Site Total	16.36	2		
PUBLIC HEALTH				
D-ALLETHRIN	0.73			
D-TRANS ALLETHRIN	0.01			

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362	1,040.53			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14	392.44			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52	1,226.04			
ETOFENPROX	18.20			
GLYPHOSATE, ISOPROPYLAMINE SALT	8.07			
ALPHA-ISOOCTADECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)	101.23			
METHOPRENE	117.13			
S-METHOPRENE	86.80			
MINERAL OIL	756.14			
PETROLEUM DISTILLATES	14.02			
PETROLEUM DISTILLATES, REFINED	783.84			
PHENOTHRIN	< 0.01			
PIPERONYL BUTOXIDE	125.54			
PIPERONYL BUTOXIDE, OTHER RELATED	31.38			
PYRETHRINS	29.27			
RESMETHRIN	1.89			
SILICA AEROGEL	23.60			
SPINOSAD	8.78			
Site Total	4,765.65			
PUMPKIN				
MYCLOBUTANIL	0.40	1	4.00	A
QUINOXYFEN	1.67	3	20.25	A
Site Total	2.07	4		
RANGELAND				
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	112.39	4	538.50	A
BENZOIC ACID	1.25	2	530.00	A
BUTYL ALCOHOL	0.18	1	40.00	A
CARFENTRAZONE-ETHYL	0.52	2	35.00	A
CLOPYRALID, MONOETHANOLAMINE SALT	13.84	4	280.00	A
DIMETHYL ALKYL TERTIARY AMINES	1.36	2	530.00	A
DIMETHYLPOLYSILOXANE	< 0.01	1	40.00	A
FATTY ACIDS, MIXED	1.43	4	32.00	A
FLUMIOXAZIN	3.57	2	20.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	104.83	8	90.00	A
GLYPHOSATE, POTASSIUM SALT	1.38	1	10.00	A
KEROSENE	2.43	2	530.00	A
LECITHIN	33.26	4	32.00	A
METHYLATED SOYBEAN OIL	46.36	2	530.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	10.56	5	72.00	A
OLEIC ACID, METHYL ESTER	200.88	2	530.00	A
OXYFLUORFEN	0.50	1	10.00	A
PROPIONIC ACID	33.26	4	32.00	A
SILICONE	0.03	1	40.00	A
TRICLOPYR, BUTOXYETHYL ESTER	9.29	9	104.00	A
Site Total	577.33	41		
RASPBERRY				
AZADIRACTIN	0.02	4	1,920.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	0.08	4	1,920.00	S
IRON PHOSPHATE	< 0.01	5	2,400.00	S
LIME-SULFUR	0.17	1	480.00	S
POTASH SOAP	0.03	1	480.00	S
PYRETHRINS	< 0.01	6	2,880.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	2	960.00	S
SPINOSAD	< 0.01	2	960.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	5	2,400.00	S
Site Total	0.31	30		
REGULATORY PEST CONTROL				
PERMETHRIN	0.03			
SULFUR	166.60			
SULFUR DIOXIDE	21.56			
Site Total	188.18			
RIGHTS OF WAY				
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER	2.61			
ALCOHOLS, C12-C14, ALIPHATIC	3.27			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	2.53	2	12.50	A
	0.16			
Total Pounds On This Chemical	2.69			
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE	9.35			
AMINOCYCLOPYRACHLOR	1.89			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	29.13			
AMMONIUM NITRATE	0.33	2	12.50	A
	0.02			
Total Pounds On This Chemical	0.35			
AMMONIUM SULFATE	25.07			
	8.08	2	12.50	A
Total Pounds On This Chemical	33.14			
BENZOIC ACID	2.17			
	0.23	5	40.00	A
Total Pounds On This Chemical	2.40			
BORAX	1,346.99			
BROMACIL	12.00			
2-BUTOXYETHANOL	8.41			
CHLORSULFURON	1.51			
CITRIC ACID	1.37			
COPPER HYDROXIDE	95.99			
COTTONSEED OIL	0.39			
DICHLORBENIL	24.17			
DIETHYLENE GLYCOL	16.53			
DIMETHYL ALKYL TERTIARY AMINES	2.36			
	0.25	5	40.00	A
Total Pounds On This Chemical	2.61			
DIMETHYLPOLYSILOXANE	0.37			
DIQUAT DIBROMIDE	21.28			
DITHIOPYR	23.55			
DIURON	12.00			
FATTY ACIDS, MIXED	29.45			
FLUMIOXAZIN	281.08			
	10.04	6	47.50	A

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Chemical	291.12			
GLYPHOSATE, DIMETHYLAMINE SALT		395.42		
GLYPHOSATE, ISOPROPYLAMINE SALT		8,580.86		
		2.48	4.00	A
Total Pounds On This Chemical	8,583.34			
GLYPHOSATE, POTASSIUM SALT		126.88	52.50	A
		9.96		
Total Pounds On This Chemical	136.84			
HEXYLENE GLYCOL		8.41		
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE		0.75		
IMAZAPYR, ISOPROPYLAMINE SALT		64.92		
INDAZIFLAM		10.53		
ISOPROPYL ALCOHOL		0.01		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE		20.74		
ISOXABEN		539.02		
KEROSENE		3.86		
METAM-SODIUM		856.31		
METHYLATED SOYBEAN OIL		1,158.96		
		8.70	40.00	A
Total Pounds On This Chemical	1,167.66			
MINERAL OIL		139.23		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)		181.43		
OLEIC ACID, ETHYL ESTER		93.10		
OLEIC ACID, METHYL ESTER		2.24		
ORYZALIN		52.09		
OXYFLUORFEN		16.66		
PENDIMETHALIN		264.46		
PETROLEUM DISTILLATES, ALIPHATIC		0.16		
PETROLEUM NAPHTHENIC OILS		1.83		
PETROLEUM OIL, PARAFFIN BASED		3,374.64		
PHOSPHORIC ACID		7.59		
POLYACRYLAMIDE POLYMER		9.21		
POLYACRYLIC POLYMER		0.69		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE		39.38		
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE		6.95		
POLYOXYETHYLENE DIOLEATE		16.29		
POLYOXYETHYLENE SORBITAN MONOOLEATE		87.60		
POLYOXYETHYLENE SORBITAN TRIOLEATE		546.04		
PRODIAMINE		6.66		
RIMSULFURON		1.84		
		1.25	40.00	A
Total Pounds On This Chemical	3.09			
SODIUM ALPHA-OLEFIN (C14-C16) SULFONATE		64.03		
SULFENTRAZONE		16.73		
SULFOMETURON-METHYL		9.13		
TALL OIL FATTY ACIDS		12.29		
TRICLOPYR, BUTOXYETHYL ESTER		40.26		
TRICLOPYR, TRIETHYLAMINE SALT		2,823.43		
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)		43.08		
Site Total		21,618.70	29	

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
RYEGRASS				
BENZOIC ACID	0.02	1	3.00	A
2,4-D, DIMETHYLAMINE SALT	2.53	1	3.00	A
DIMETHYL ALKYL TERTIARY AMINES	0.02	1	3.00	A
METHYLATED SOYBEAN OIL	0.65	1	3.00	A
Site Total	3.22	2		
SMALL FRUITS/BERRY				
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	0.04	5	2,400.00	S
POTASSIUM BICARBONATE	1.09	3	2,200.00	S
Site Total	1.13	8		
SPINACH				
IRON PHOSPHATE	0.03	6	10,035.00	S
POTASH SOAP	0.02	1	430.00	S
PYRETHRINS	< 0.01	1	430.00	S
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	< 0.01	1	430.00	S
SPINOSAD	< 0.01	4	4,970.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	1	925.00	S
Site Total	0.05	14		
SQUASH				
ACETAMIPRID	0.45	1	6.00	A
CYFLUTHRIN	2.25	1	53.00	A
DINOTEFURAN	0.88	1	10.00	A
HYDROGEN PEROXIDE	0.79	16	1.59	A
PERMETHRIN	11.28	6	79.00	A
PEROXYACETIC ACID	0.06	16	1.59	A
PYRACLOSTROBIN	0.60	1	6.00	A
PYRETHRINS	0.27	1	5.00	A
Site Total	16.58	27		
STONE FRUIT				
LIME-SULFUR	17.43	1	0.17	A
PETROLEUM DISTILLATES, REFINED	3.99	1	0.17	A
Site Total	21.41	2		
STRAWBERRY				
BIFENAZATE	7.50	4	16.00	A
GLYPHOSATE, POTASSIUM SALT	42.33	6	24.00	A
PARAQUAT DICHLORIDE	1.95	2	10.00	A
Site Total	51.78	12		
STRUCTURAL PEST CONTROL				
ABAMECTIN	2.48			
ABAMECTIN, OTHER RELATED	< 0.01			
ACEPHATE	5.35			
ACETAMIPRID	0.77			
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE	1.69			

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE	< 0.01			
ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE	< 0.01			
D-TRANS ALLETHRIN	0.21			
ALUMINUM PHOSPHIDE	< 0.01			
4-AMINOPYRIDINE	< 0.01			
AZADIRACTIN	0.02			
BENZOIC ACID	< 0.01			
BIFENTHRIN	232.28			
BORAX	22.64			
BORIC ACID	853.36			
BRODIFACOU	< 0.01			
BROMADIOLONE	0.22			
BROMETHALIN	< 0.01			
CHLORANTRANILIPROLE	15.55			
CHLORFENAPYR	326.23			
CHLORINE DIOXIDE	< 0.01			
CHLOROPICRIN	28.03			
CHOLECALCIFEROL	0.78			
CLOTHIANIDIN	0.28			
COPPER NAPHTHENATE	2.32			
COYOTE URINE	0.04			
CYFLUTHRIN	2,487.83			
BETA-CYFLUTHRIN	438.10			
CYPERMETHRIN	5.56			
2,4-D, DIMETHYLAMINE SALT	< 0.01			
DDVP	0.02			
DDVP, OTHER RELATED	< 0.01			
DELTAMETHRIN	1,483.73			
DIATOMACEOUS EARTH	51.58			
DIDECYL DIMETHYL AMMONIUM CHLORIDE	< 0.01			
DIFETHIALONE	0.08			
DIFLUBENZURON	0.04			
DIMETHYL ALKYL TERTIARY AMINES	< 0.01			
DINOTEFURAN	125.88			
DIPHACINONE	0.32			
DIPHACINONE, SODIUM SALT	0.02			
DISODIUM OCTABORATE TETRAHYDRATE	3,121.78			
ESFENVALERATE	9.86			
ETOFENPROX	0.18			
FIPRONIL	1,529.13			
TAU-FLUVALINATE	0.07			
FOX URINE	0.02			
GAMMA-CYHALOTHRIN	< 0.01			
HEPTYL BUTYRATE	0.06			
HEXAFLUMURON	< 0.01			
HYDRAMETHYLNON	2.01			
HYDROPRENE	17.31			
IMIDACLOPRID	806.39			
INDOXACARB	36.27			
ISOPROPYL ALCOHOL	1.02			
LAMBDA-CYHALOTHRIN	9.15			
LIMONENE	1,113.89			
MANCOZEB	3.75			

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MCPP, DIMETHYLAMINE SALT	< 0.01			
METHOPRENE	0.44			
S-METHOPRENE	0.21			
METHYL ANTHRANILATE	0.11			
METHYLATED SOYBEAN OIL	0.11			
METOFLUTHRIN	< 0.01			
MINERAL OIL	4.28			
MUSCALURE	0.14			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.79			
NOVALURON	0.15			
NOVIFLUMURON	0.30			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	19.23			
PERMETHRIN	326.66			
PERMETHRIN, OTHER RELATED	0.02			
PETROLEUM DISTILLATES	0.17			
PHENOTHRIN	0.92			
PHENYLETHYL PROPIONATE	0.80			
PIPERONYL BUTOXIDE	105.31			
PIPERONYL BUTOXIDE, OTHER RELATED	16.81			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.60			
POTASSIUM PHOSPHITE	34.62			
PRALLETHRIN	2.24			
PROPOXUR	0.11			
PROPYLENE GLYCOL	0.20			
PYRETHRINS	46.18			
PYRIPROXYFEN	3.07			
SILICA AEROGEL	17.54			
SODIUM DECYL SULFATE	4.68			
SODIUM LAUROAMPHO ACETATE	3.53			
SODIUM LAURYL SULFATE	2.39			
SPINOSAD	5.96			
SULFAQUINOXALINE	< 0.01			
SULFURYL FLUORIDE	35,543.06			
Z,E-9,12-TETRADECADIEN-1-YL ACETATE	< 0.01			
TETRAMETHRIN	0.03			
THIAMETHOXAM	0.03			
THIOPHANATE-METHYL	0.06			
THYME	1.27			
TRALOMETHRIN	< 0.01			
TRICLOPYR, BUTOXYETHYL ESTER	0.35			
WARFARIN	< 0.01			
WARFARIN, SODIUM SALT	< 0.01			
ZINC PHOSPHIDE	0.66			
Site Total	48,880.35			

SWISS CHARD

AZADIRACHTIN	0.03	24	73,731.00	S
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES	< 0.01	1	1,850.00	S
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	5.43	24	83,721.00	S
IRON PHOSPHATE	0.12	9	41,511.00	S
POTASH SOAP	5.65	19	77,431.00	S
PYRETHRINS	0.07	43	155,871.00	S

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	0.07	11	49,950.00	S
SPINOSAD	< 0.01	7	32,530.00	S
STREPTOMYCES LYDICUS WYEC 108	< 0.01	17	56,425.00	S
Site Total	11.37	155		
TOMATILLO				
PERMETHRIN	0.45	1	3.00	A
Site Total	0.45	1		
TOMATO				
PERMETHRIN	0.60	1	4.00	A
PYRETHRINS	< 0.01	1	0.10	A
Site Total	0.61	2		
UNCULTIVATED AG				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	78.91	14	322.90	A
ALKYL (C8,C10) POLYGLUCOSIDE	26.86	7	39.50	A
AMMONIUM NITRATE	27.49	17	353.40	A
AMMONIUM SULFATE	268.15	16	351.40	A
BENZOIC ACID	1.86	3	326.90	A
CARFENTRAZONE-ETHYL	0.30	1	6.00	A
COPPER SULFATE (PENTAHYDRATE)	174.24	2	2.00	A
2,4-D, DIMETHYLAMINE SALT	287.13	3	326.90	A
DIMETHOATE	1.38	1	0.70	A
DIMETHYL ALKYL TERTIARY AMINES	2.03	3	326.90	A
DIQUAT DIBROMIDE	1.23	1	0.33	A
FLUMIOXAZIN	7.47	14	39.00	A
GLUFOSINATE-AMMONIUM	9.84	2	8.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	94.18	4	9.00	A
GLYPHOSATE, POTASSIUM SALT	447.84	24	368.60	A
IRON PHOSPHATE	< 0.01	1	490.00	S
METHYLATED SOYBEAN OIL	72.82	5	338.90	A
OLEIC ACID, METHYL ESTER	51.17	3	28.00	A
OXYFLUORFEN	6.36	5	29.00	A
PENDIMETHALIN	101.30	9	34.50	A
POLYETHOXYLATED CASTOR OIL	0.37	1	2.00	A
RIMSULFURON	0.16	1	2.50	A
SETHOXYDIM	0.89	2	12.00	A
STREPTOMYCES LYDICUS WYEC 108	< 0.01	1	14,970.00	S
TALL OIL FATTY ACIDS	0.25	1	2.00	A
TRICLOPYR, BUTOXYETHYL ESTER	1.48	1	0.50	A
POLY(OXY-1,2-ETHANEDIYL), ALPHA-HYDRO-OMEGA- HYDROXY-, MONO-C11-14-ISOALKYL ETHERS, C13-RICH, PHOSPHATES	0.04	1	2.00	A
Site Total	1,663.74	100		
UNCULTIVATED NON-AG				
DIMETHOATE	9.87	1	10.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	85.94	8	26.00	A
Site Total	95.82	9		

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
VEGETABLE				
SODIUM HYPOCHLORITE	3.49	4	2,400.00	?
Site Total	3.49	4		
VEGETABLES, LEAFY				
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	0.06	33	90,554.00	S
Site Total	0.06	33		
VERTEBRATE CONTROL				
BRODIFACOU	< 0.01			
BROMADIOLONE	0.01			
DIFETHIALONE	< 0.01			
Site Total	0.02			
WALNUT				
CHLORPYRIFOS	7.52	2	20.00	A
GLYPHOSATE, POTASSIUM SALT	8.28	1	10.00	A
MALATHION	12.27	1	10.00	A
Site Total	28.06	4		
WATER (INDUSTRIAL)				
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	1.39		2.00	U
COPPER ETHANOLAMINE COMPLEXES, MIXED	409.11		133.25	A
DIQUAT DIBROMIDE	241.46		37.25	A
ENDOTHALL, DIPOTASSIUM SALT	97.30		10.00	A
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS	10.26		95.00	A
FLURIDONE	2.50		5.00	A
GLUTARALDEHYDE	402.53		325.00	U
	132.07		1.00	A
Total Pounds On This Chemical	534.59			
GLYPHOSATE, ISOPROPYLAMINE SALT	173.88		61.50	A
LECITHIN	5.09		18.00	A
LIMONENE	51.29		95.00	A
METHYLATED SOYBEAN OIL	2.54		18.00	A
2-METHYL-4-ISOTHIAZOLIN-3-ONE	0.49		2.00	U
NABAM	1,171.86		3.00	U
SODIUM BROMIDE	188.58		7.00	U
	139.16		5.00	A
Total Pounds On This Chemical	327.74			
SODIUM CARBONATE PEROXYHYDRATE	1,683.00		64.25	A
SODIUM DIMETHYL DITHIO CARBAMATE	1,171.86		3.00	U
SODIUM HYPOCHLORITE	142.62		8.00	U
	95.89		5.00	A
Total Pounds On This Chemical	238.51			
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)	9.38		113.00	A
Site Total	6,132.26			
WATER AREA				
ACID BLUE 9, DIAMMONIUM SALT	30.64	7	7.00	A
	2.33	2	16.00	U

Department of Pesticide Regulation
2016 Annual Statewide Pesticide Use Report Indexed by Commodity
Sonoma County

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = square feet, C = cubic feet, K = thousand cubic feet, P = pounds, T = tons, U = miscellaneous unit

Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Chemical	32.97			
ALKYL (C8,C10) POLYGLUCOSIDE	1.01	1	1.00	A
BENZOIC ACID	0.05	3	8.00	A
BUTYL ALCOHOL	0.93	2	44.00	A
COPPER ETHANOLAMINE COMPLEXES, MIXED	33.16	3	8.00	A
COPPER ETHYLENEDIAMINE COMPLEX	62.20	4	12.00	A
COPPER SULFATE (PENTAHYDRATE)	452.52	1	78.00	U
	438.96	8	13.10	A
Total Pounds On This Chemical	891.48			
COPPER TRIETHANOLAMINE COMPLEX	36.34	3	8.00	A
DIMETHYL ALKYL TERTIARY AMINES	0.05	3	8.00	A
DIMETHYLPOLYSILOXANE	0.01	2	44.00	A
DIQUAT DIBROMIDE	72.35	16	10.20	A
FATTY ACIDS, MIXED	0.30	15	9.20	A
GLYPHOSATE, ISOPROPYLAMINE SALT	71.19	6	73.00	A
IMAZAPYR, ISOPROPYLAMINE SALT	1.92		0.50	A
LECITHIN	6.98	15	9.20	A
METHYLATED SOYBEAN OIL	1.74	3	8.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	10.20	17	53.20	A
POLYACRYLAMIDE POLYMER	0.18	6	4.80	A
PROPIONIC ACID	6.98	15	9.20	A
SODIUM CARBONATE PEROXYHYDRATE	1,275.00		5.25	A
TARTRAZINE	2.53	7	7.00	A
	0.19	2	16.00	U
Total Pounds On This Chemical	2.72			
Site Total	2,507.75	74		
WHEAT				
BENZOIC ACID	6.28	5	1,200.98	A
BROMOXYNIL HEPTANOATE	256.38	3	745.00	A
BROMOXYNIL OCTANOATE	265.87	3	745.00	A
BUTYL ALCOHOL	6.22	2	820.00	A
2,4-D, DIMETHYLAMINE SALT	295.39	2	275.00	A
DIMETHYL ALKYL TERTIARY AMINES	6.86	5	1,200.98	A
DIMETHYLPOLYSILOXANE	0.07	2	820.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	1.08	3	1.40	A
GLYPHOSATE, POTASSIUM SALT	51.72	1	50.00	A
MESOSULFURON-METHYL	0.53	1	40.00	A
METHYLATED SOYBEAN OIL	239.99	5	1,200.98	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	55.91	2	820.00	A
PYROXSULAM	6.68	2	505.98	A
SODIUM HYPOCHLORITE	0.64	1	300.00	?
Site Total	1,193.61	20		
Sonoma County Total	2,494,712.19	70,492		