

Department of Pesticide Regulation
2018 Annual Statewide Pesticide Use Report Indexed by Commodity
Marin County

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BEEHIVE				
FORMIC ACID	15.06	1	50.00	U
Site Total	15.06	1		
GOLF COURSE TURF				
CHLOROTHALONIL	91.26		238,000.00	S
IPRODIONE	30.29		238,000.00	S
THIOPHANATE-METHYL	0.02		6,000.00	S
Site Total	121.57			
GRAPE				
COPPER HYDROXIDE	0.13	1	8,000.00	S
COPPER OXYCHLORIDE	0.14	1	8,000.00	S
MINERAL OIL	0.42	1	8,000.00	S
Site Total	0.70	2		
GRAPE, WINE				
ABAMECTIN	0.61	1	20.17	A
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	164.09	12	151.02	A
AMMONIUM NITRATE	19.40	1	10.00	A
AMMONIUM SULFATE	480.04	1	10.00	A
AZOXYSTROBIN	0.58	2	10.00	A
BACILLUS PUMILUS, STRAIN QST 2808	0.66	1	11.00	A
BOSCALID	19.66	6	102.50	A
COPPER HYDROXIDE	9.80	5	69.40	A
COPPER OXIDE (OUS)	119.56	6	114.00	A
COPPER OXYCHLORIDE	10.86	5	69.40	A
CYFLUFENAMID	0.85	4	39.17	A
CYPRODINIL	5.05	6	50.00	A
DIFENOCONAZOLE	1.76	6	50.00	A
DIMETHYLPOLYSILOXANE	3.73	3	60.00	A
FENHEXAMID	16.76	4	32.17	A
FLUMIOXAZIN	1.91	1	10.00	A
FLUOPYRAM	2.54	3	27.00	A
GLUFOSINATE-AMMONIUM	4.57	2	17.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	48.21	5	55.67	A
GLYPHOSATE, POTASSIUM SALT	12.46	3	14.54	A
HYDROGEN PEROXIDE	85.41	23	73.88	A
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	5.63	5	55.00	A
KAOLIN	142.50	1	3.30	A
METRAFENONE	5.85	1	20.00	A
MINERAL OIL	1,040.46	23	191.76	A
MYCLOBUTANIL	3.98	7	37.50	A
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255	276.12	3	34.34	A
PEROXYACETIC ACID	1.42	2	20.42	A
PETROLEUM DISTILLATES, REFINED	144.26	2	22.00	A
POLYETHER MODIFIED POLYSILOXANE	3.91	2	40.00	A
POLYOXIN D, ZINC SALT	1.53	2	25.17	A
PYRACLOSTROBIN	9.98	6	102.50	A

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PYRAFLUFEN-ETHYL	0.02	1	20.17	A
PYRETHRINS	0.41	7	9.55	A
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS	45.37	34	157.01	A
QUINOXYFEN	1.86	3	21.00	A
REYNOUTRIA SACHALINENSIS	1.10	9	31.56	A
SODIUM HYPOCHLORITE	1.26	2	10.00	A
SPINOSAD	0.02	1	1.10	A
SULFUR	2,886.76	70	504.29	A
TEBUCONAZOLE	2.54	3	27.00	A
TRIFLOXYSTROBIN	1.88	1	20.00	A
TRIFLUMIZOLE	18.66	4	60.34	A
Site Total	5,604.02	265		

LANDSCAPE MAINTENANCE

ABAMECTIN	0.03			
ACEPHATE	0.37			
ACETAMIPRID	1.97			
ACIBENZOLAR-S-METHYL	0.43			
ALPHA-ALKYLARYL-OMEGA-HYDROXPOLY(OXYETHYLENE)	0.16			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	0.38			
ALKYL (C8,C10) POLYGLUCOSIDE	14.26			
D-TRANS ALLETHRIN	0.01			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	2.33			
AMMONIUM NITRATE	1.04			
AMMONIUM SULFATE	3.19			
AZADIRACHTIN	5.98			
AZOXYSTROBIN	19.04			
BACILLUS SPHAERICUS 2362, SEROTYPE H5A5B, STRAIN ABTS 1743 FERMENTATION SOLIDS, SPORES AND INSECTICIDAL TOXINS	7.50			
BACILLUS SUBTILIS GB03	< 0.01			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14	0.03			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	0.13			
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES	123.77			
BENZOIC ACID	0.26			
BIFENAZATE	0.49			
BIFENTHRIN	27.60			
BORIC ACID	0.03			
BOSCALID	1.35			
BROMACIL	0.16			
BROMADIOLONE	< 0.01			
BROMETHALIN	0.02			
CAPRIC ACID	153.75			
CAPRYLIC ACID	225.83			
CAPTAN	0.12			
CAPTAN, OTHER RELATED	< 0.01			
CARBON	0.34			
CARFENTHAZONE-ETHYL	5.02			
CHLORANTRANILIPROLE	17.46			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CHLORFLURENOL, METHYL ESTER	0.07			
CHLOROPHACINONE	< 0.01			
CHLOROTHALONIL	640.14			
CHOLECALCIFEROL	< 0.01			
CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1	0.44			
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	4.96			
CLOPYRALID, MONOETHANOLAMINE SALT	10.79			
CLOTHIANIDIN	0.69			
COCONUT DIETHANOLAMIDE	2.49			
COPPER AMMONIUM CARBONATE	0.34			
COPPER AMMONIUM COMPLEX	0.78			
COPPER DIAMMONIUM DIACETATE COMPLEX	0.32			
COPPER HYDROXIDE	18.66			
COPPER OCTANOATE	< 0.01			
COPPER OXIDE (OUS)	0.12			
COPPER OXYCHLORIDE	20.28			
COPPER SULFATE (BASIC)	0.04			
COPPER SULFATE (PENTAHYDRATE)	0.03			
COYOTE URINE	0.38			
CYAZOFAMID	0.97			
CYFLUMETOFEN	0.06			
CYFLUTHRIN	< 0.01			
BETA-CYFLUTHRIN	0.27			
2,4-D	< 0.01			
2,4-D, DIMETHYLAMINE SALT	1.36			
2,4-D, 2-ETHYLHEXYL ESTER	49.56			
2,4-D, ISOOCTYL ESTER	0.29			
2,4-D, TRIISOPROPANOLAMINE SALT	3.34			
DIATOMACEOUS EARTH	0.24			
DICAMBA	3.93			
DICAMBA, DIMETHYLAMINE SALT	1.22			
PARA-DICHLOROBENZENE	< 0.01			
DIETHYLENE GLYCOL	0.18			
DIFENOCONAZOLE	1.31			
DIKEGULAC SODIUM	2.94			
DIMETHYL ALKYL TERTIARY AMINES	0.29			
DIMETHYLPOLYSILOXANE	0.01			
DINOTEFURAN	22.13			
DIPHACINONE	0.06			
DIQUAT DIBROMIDE	42.52			
DISULFOTON	0.11			
DITHIOPYR	104.54			
DODECYLBENZENE SULFONIC ACID	10.80			
EDTA, TETRASODIUM SALT	0.66			
EMAMECTIN BENZOATE	0.11			
ESFENVALERATE	0.19			
ETHEPHON	166.06			
ETHOFUMESATE	81.16			
FATTY ACIDS, MIXED	0.04			
FIPRONIL	0.03			
FLUAZIFOP-P-BUTYL	7.32			
FLUAZINAM	4.81			
FLUDIOXONIL	11.99			
FLUOPICOLIDE	0.05			

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FLUOPYRAM	0.89			
FLUPYRADIFURONE	< 0.01			
FLURECOL-METHYL	0.02			
FLUTOLANIL	92.00			
TAU-FLUVALINATE	0.43			
FLUXAPYROXAD	2.50			
FORAMSULFURON	0.08			
FOSETYL-AL	70.40			
FOX URINE	0.16			
FREE FATTY ACIDS AND/OR AMINE SALTS	138.99			
GLUFOSINATE-AMMONIUM	29.90			
GLYPHOSATE, ISOPROPYLAMINE SALT	1,064.06			
GLYPHOSATE, MONOAMMONIUM SALT	9.32			
GLYPHOSATE, POTASSIUM SALT	271.82			
IMAZAMOX, AMMONIUM SALT	8.52			
IMAZAPYR, ISOPROPYLAMINE SALT	4.94			
IMIDACLOPRID	242.33			
INDAZIFLAM	0.35			
IPRODIONE	69.54			
IRON HEDTA	6.36			
IRON PHOSPHATE	18.17			
ISOPROPYL ALCOHOL	3.29			
ISOXABEN	87.82			
(S)-KINOPRENE	0.42			
LAMBDA-CYHALOTHRIN	0.20			
LIMONENE	152.56			
MALATHION	0.10			
MANCOZEB	25.20			
MCPA, DIMETHYLAMINE SALT	10.75			
MCPA, ISOCTYL ESTER	0.47			
MCPP	< 0.01			
MCPP, DIMETHYLAMINE SALT	0.09			
MCPP-P, DIMETHYLAMINE SALT	2.67			
MECOPROP-P	5.17			
MEFENOXAM	4.51			
MEFENOXAM, OTHER RELATED	0.11			
MEFLUIDIDE, DIETHANOLAMINE SALT	1.60			
METALAXYL	0.06			
METALDEHYDE	0.08			
METCONAZOLE	4.50			
METHYLATED SOYBEAN OIL	10.10			
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE	0.01			
METHYLENE CHLORIDE	0.07			
MINERAL OIL	981.94			
MYCLOBUTANIL	3.05			
NAA, AMMONIUM SALT	0.70			
NAPHTHALENE	< 0.01			
NAPROPAMIDE	0.22			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)	258.23			
OLEIC ACID, ETHYL ESTER	43.07			
ORYZALIN	0.33			
OXADIAZON	4.11			

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PACLOBUTRAZOL	71.89			
PCNB	162.76			
PCP, OTHER RELATED	< 0.01			
PENDIMETHALIN	150.12			
PENOX SULAM	1.08			
PENTACHLOROPHENOL	0.01			
PENTHIOPYRAD	15.63			
PERMETHRIN	108.99			
PETROLEUM DISTILLATES	130.83			
PETROLEUM DISTILLATES, REFINED	1.02			
PETROLEUM HYDROCARBONS	24.07			
PETROLEUM OIL, UNCLASSIFIED	2.04			
PHENOTHRIN	< 0.01			
PHOSPHORIC ACID	2.13			
PIPERONYL BUTOXIDE	6.11			
PIPERONYL BUTOXIDE, OTHER RELATED	1.53			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	128.03			
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1- (TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER	0.06			
POLYOXIN D, ZINC SALT	1.63			
POLYOXYETHYLENE DIOLEATE	7.54			
POLYOXYETHYLENE SORBITAN MONOOLEATE	2.15			
POTASH SOAP	7.62			
POTASSIUM PHOSPHITE	15,815.40			
PRALLETHRIN	< 0.01			
PRODIAMINE	90.20			
PROPICONAZOLE	61.73			
PROPYLENE GLYCOL	42.88			
PUTRESCENT WHOLE EGG SOLIDS	0.45			
PYRACLOSTROBIN	0.69			
PYRAFLUFEN-ETHYL	0.07			
PYRETHRINS	0.76			
PYRIPROXYFEN	0.32			
QUINCLORAC	0.75			
QUINCLORAC, DIMETHYLAMINE SALT	55.26			
SILICONE DEFOAMER	0.28			
SODIUM NITRATE	1.90			
SODIUM XYLENE SULFONATE	3.32			
SPINOSAD	2.01			
STRYCHNINE	< 0.01			
SULFENTRAZONE	0.07			
SULFUR	1.45			
TALL OIL FATTY ACIDS	0.33			
TEBUCONAZOLE	14.08			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	12.66			
TETRAPOTASSIUM PYROPHOSPHATE	1.66			
THIABENDAZOLE, HYPOPHOSPHITE SALT	4.10			
THIOPHANATE-METHYL	53.54			
TRIADIMEFON	21.12			
TRICHLORO ETHYLENE	0.07			
TRICLOPYR, BUTOXYETHYL ESTER	226.40			
TRICLOPYR, TRIETHYLAMINE SALT	16.47			
TRIETHANOLAMINE	4.24			

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TRIFLOXYSTROBIN	4.22			
TRIFLURALIN	1.85			
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA- HYDROXYPOLY(OXYETHYLENE)	0.11			
TRINEXAPAC-ETHYL	58.19			
TRITICONAZOLE	5.29			
VINCLOZOLIN	11.40			
WARFARIN	0.02			
ZINC PHOSPHIDE	0.05			
Site Total	22,802.94			
N-GRNHS FLOWER				
ACETAMIPRID	2.51		679.00	U
	< 0.01		400.00	S
Total Pounds On This Chemical	2.52			
AZADIRACHTIN	0.02		51.00	U
AZOXYSTROBIN	1.81		4.10	A
	0.59		77.00	U
Total Pounds On This Chemical	2.39			
BUTYL ALCOHOL	4.07		335.00	U
CARFENTRAZONE-ETHYL	1.17		6.90	A
CHLORANTRANILIPROLE	0.55		3.49	A
CHLOROTHALONIL	173.43		27.10	A
	15.07		50,000.00	S
	2.94		84.00	U
Total Pounds On This Chemical	191.44			
DIFENOCONAZOLE	1.13		4.10	A
DIMETHYLPOLYSILOXANE	0.04		335.00	U
DINOTEFURAN	1.13		99.00	U
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.21		3.60	A
ETHOFUMESATE	49.01		26.60	A
FLUDIOXONIL	7.04		6.40	A
IMIDACLOPRID	10.92		413.00	U
	0.69		1,305.00	S
Total Pounds On This Chemical	11.62			
INDOXACARB	0.60		4.10	A
MANCOZEB	23.80		2.30	A
MINERAL OIL	1.32		3.60	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	197.85		4,867.00	U
OLEIC ACID, METHYL ESTER	3.61		19.00	U
PACLOBUTRAZOL	4.86		35.00	U
	0.97		4.10	A
Total Pounds On This Chemical	5.83			
PERMETHRIN	35.90		2,192.00	U
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	83.89		4,532.00	U
POLYMERIZED PINENE	3.76		3.60	A
POTASSIUM PHOSPHITE	3,259.44		4,668.00	U
	0.85		1,550.00	S
Total Pounds On This Chemical	3,260.29			
PROPICONAZOLE	25.68		29.40	A
	1.50		50,700.00	S

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		0.42	111.00	U
Total Pounds On This Chemical	27.59			
PROPYLENE GLYCOL		27.96	4,532.00	U
QUINCLORAC, DIMETHYLAMINE SALT		1.52	1.80	A
TRIADIMEFON		2.98	2.30	A
TRICLOPYR, BUTOXYETHYL ESTER		3.67	1.80	A
		0.97	19.00	U
		0.23	400.00	S
Total Pounds On This Chemical	4.87			
TRIFLOXYSTROBIN		0.60	2.30	A
TRINEXAPAC-ETHYL		3.93	31.20	A
TRITICONAZOLE		2.53	2.30	A
Site Total		3,961.19		
N-GRNHS PLANTS IN CONTAINERS				
AZADIRACHTIN		0.04	2 19,160.00	S
AZOXYSTROBIN		0.86	2.30	A
CAPSICUM OLEORESIN		0.01	1 10,000.00	S
CARFENTRAZONE-ETHYL		0.23	2.30	A
CHLORANTRANILIPROLE		0.55	3.50	A
CHLOROTHALONIL		15.07	35,000.00	S
CHLORPYRIFOS		0.58	2 12,000.00	S
COPPER SULFATE (PENTAHYDRATE)		< 0.01	1 4.00	S
		< 0.01	2 17.00	C
Total Pounds On This Chemical	< 0.01			
DIFENOCONAZOLE		0.54	2.30	A
DINOTEFURAN		0.05	4 10,676.50	S
		< 0.01	3 16.50	C
Total Pounds On This Chemical	0.06			
ETHOFUMESATE		2.60	35,000.00	S
		1.04	1.80	A
Total Pounds On This Chemical	3.64			
TAU-FLUVALINATE		0.05	1 8,500.00	S
GARLIC		0.04	1 10,000.00	S
INDOXACARB		0.60	4.10	A
MINERAL OIL		2.65	1 8,500.00	S
PACLOBUTRAZOL		7.98	27.60	A
		0.28	35,000.00	S
Total Pounds On This Chemical	8.26			
PROPICONAZOLE		1.35	35,000.00	S
PYMETROZINE		0.31	2 19,160.00	S
QUINCLORAC, DIMETHYLAMINE SALT		1.52	1.80	A
		0.72	35,000.00	S
Total Pounds On This Chemical	2.24			
SOYBEAN OIL		0.11	1 10,000.00	S
SPINOSAD		0.03	1 10,000.00	S
SPIROTETRAMAT		0.01	1 10,000.00	S
TRIADIMEFON		2.98	2.30	A
TRICLOPYR, BUTOXYETHYL ESTER		3.67	1.80	A
TRIFLOXYSTROBIN		0.60	2.30	A
TRINEXAPAC-ETHYL		3.83	29.40	A
Site Total		48.32	21	

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N-GRNHS TRANSPLANTS				
CARFENTRAZONE-ETHYL	0.47		4.60	A
ETHOFUMESATE	3.52		1.80	A
Total Pounds On This Chemical	5.16		35,000.00	S
PACLOBUTRAZOL	3.86		50.40	A
		0.22	35,000.00	S
Total Pounds On This Chemical	4.08			
TRICLOPYR, BUTOXYETHYL ESTER	3.70		1.80	A
TRINEXAPAC-ETHYL	1.75		50.40	A
	0.09		35,000.00	S
Total Pounds On This Chemical	1.84			
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Site Total		15.24		
N-OUTDR PLANTS IN CONTAINERS				
GLYPHOSATE, ISOPROPYLAMINE SALT	8.00	16	32,000.00	S
PENDIMETHALIN	0.15	9	19,900.00	S
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Site Total		8.15	25	
N-OUTDR TRANSPLANTS				
CARFENTRAZONE-ETHYL	0.45		4.60	A
CHLOROTHALONIL	19.40		1.70	A
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.12		2.30	A
ETHOFUMESATE	22.55		24.49	A
MANCOZEB	25.20		2.30	A
MINERAL OIL	0.73		2.30	A
PACLOBUTRAZOL	2.08		25.00	A
POLYMERIZED PINENE	2.06		2.30	A
PROPICONAZOLE	1.58		1.70	A
TRICLOPYR, BUTOXYETHYL ESTER	7.14		3.49	A
TRINEXAPAC-ETHYL	0.69		25.00	A
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Site Total		81.99		
OLIVE				
COPPER HYDROXIDE	199.39	38	192.18	A
	0.38	5	18,200.00	S
Total Pounds On This Chemical	199.78			
COPPER OXYCHLORIDE	221.01	38	192.18	A
	0.43	5	18,200.00	S
Total Pounds On This Chemical	221.44			
KAOLIN	3,976.70	40	203.05	A
MINERAL OIL	649.53	37	185.18	A
	1.23	5	18,200.00	S
Total Pounds On This Chemical	650.77			
SPINOSAD	0.03	34	177.15	A
<hr/>				
Site Total		5,048.71	159	
PASTURELAND				
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	17.92	10	85.00	A
CLOPYRALID, MONOETHANOLAMINE SALT	68.92	4	220.00	A
2,4-D, 2-ETHYLHEXYL ESTER	57.57	1	100.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DICAMBA	12.44	1	100.00	A
Site Total	156.86	15		
PUBLIC HEALTH				
D-TRANS ALLETHRIN	0.02			
BACILLUS SPHAERICUS 2362, SEROTYPE H5A5B, STRAIN ABTS 1743 FERMENTATION SOLIDS, SPORES AND INSECTICIDAL TOXINS	364.67			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14	234.69			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52	471.95			
BROMADIOLONE	< 0.01			
BETA-CYFLUTHRIN	0.01			
ETOFENPROX	1.89			
IMIDACLOPRID	0.28			
ALPHA-ISOOCTADECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)	16.35			
METHOPRENE	40.11			
S-METHOPRENE	24.81			
MINERAL OIL	143.13			
PETROLEUM DISTILLATES	36.20			
PETROLEUM DISTILLATES, REFINED	227.41			
PHENOTHRIN	0.02			
PIPERONYL BUTOXIDE	43.43			
PIPERONYL BUTOXIDE, OTHER RELATED	10.48			
PYRETHRINS	9.98			
SILICA AEROGEL	32.55			
SPINOSAD	0.01			
Site Total	1,658.01			
REGULATORY PEST CONTROL				
BIFENTHRIN	0.08			
BROMADIOLONE	< 0.01			
CHLOROPHACINONE	< 0.01			
CYFLUTHRIN	< 0.01			
BETA-CYFLUTHRIN	< 0.01			
DIFETHIALONE	< 0.01			
DIPHACINONE	< 0.01			
DISODIUM OCTABORATE TETRAHYDRATE	0.98			
ESFENVALERATE	< 0.01			
FIPRONIL	1.16			
IMIDACLOPRID	0.12			
MEFENOXAM	< 0.01			
MINERAL OIL	0.45			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.23			
PERMETHRIN	0.35			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.12			
POTASSIUM PHOSPHITE	5.53			
PROPICONAZOLE	0.22			
PROPYLENE GLYCOL	0.04			
PYRIPROXYFEN	< 0.01			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Site Total	9.30			
RIGHTS OF WAY				
ALCOHOLS, C12-C14, ALIPHATIC	17.25			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	4.68			
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE	49.29			
ALLYLOXYPOLYETHYLENE GLYCOL ACETATE	< 0.01			
AMINOCYCLOPYRACHLOR, POTASSIUM SALT	2.55			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	22.56			
AMMONIUM NITRATE	0.60			
AMMONIUM SULFATE	14.95			
BENZOIC ACID	0.88			
BORAX	15.23			
BROMACIL	7.20			
BROMETHALIN	< 0.01			
2-BUTOXYETHANOL	44.36			
CARFENTRAZONE-ETHYL	0.23			
CHLORSULFURON	1.16			
COPPER HYDROXIDE	1.09			
2,4-D, 2-ETHYLHEXYL ESTER	4.42			
DICAMBA	0.28			
DIETHYLENE GLYCOL	1.28			
DIMETHYL ALKYL TERTIARY AMINES	0.96			
DIMETHYLPOLYSILOXANE	0.03			
DIPHACINONE	< 0.01			
DIQUAT DIBROMIDE	111.73			
DISODIUM OCTABORATE ANHYDROUS	0.36			
DITHIOPYR	31.40			
DIURON	7.20			
FATTY ACIDS, MIXED	2.28			
FLUAZIFOP-P-BUTYL	0.50			
FORAMSULFURON	0.01			
GLUFOSINATE-AMMONIUM	12.73			
GLYPHOSATE, DIMETHYLAMINE SALT	490.26			
GLYPHOSATE, ISOPROPYLAMINE SALT	47.27			
GLYPHOSATE, POTASSIUM SALT	132.53			
HEXYLENE GLYCOL	44.36			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	< 0.01			
INDAZIFLAM	8.26			
IODOSULFURON-METHYL-SODIUM	< 0.01			
ISOXABEN	0.75			
MANCOZEB	20.25			
MECOPROP-P	1.12			
METAM-SODIUM	53.84			
METHYLATED SOYBEAN OIL	33.82			
MINERAL OIL	< 0.01			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	3.37			
OLEIC ACID, METHYL ESTER	0.04			
POLYETHYLENE GLYCOL DIACETATE	< 0.01			
RIMSULFURON	5.01			
SODIUM ALPHA-OLEFIN (C14-C16) SULFONATE	337.64			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SULFENTRAZONE	< 0.01			
SULFOMETURON-METHYL	0.25			
THIENCARBAZONE-METHYL	< 0.01			
TRICLOPYR, BUTOXYETHYL ESTER	70.67			
TRICLOPYR, TRIETHYLAMINE SALT	5.57			
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)	3.34			
Site Total	1,613.57			
STRUCTURAL PEST CONTROL				
ABAMECTIN	0.11			
ABAMECTIN, OTHER RELATED	< 0.01			
ACEPHATE	17.73			
ACETAMIPRID	5.33			
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE	0.16			
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-ALLETHRIN	< 0.01			
D-ALLETHRIN, OTHER RELATED	< 0.01			
D-TRANS ALLETHRIN	0.10			
BIFENTHRIN	49.56			
BORAX	121.85			
BORIC ACID	708.02			
BRODIFACOU	< 0.01			
BROMADIOLONE	0.11			
BROMETHALIN	< 0.01			
CHLORANTRANILIPROLE	19.41			
CHLORFENAPYR	45.12			
CHLORINE DIOXIDE	0.02			
CHLOROPHACINONE	< 0.01			
CHLOROPICRIN	0.43			
CHLOROTHALONIL	0.06			
CHLORPYRIFOS	< 0.01			
CHOLECALCIFEROL	0.81			
CLOTHIANIDIN	0.06			
COPPER HYDROXIDE	46.48			
COPPER NAPHTHENATE	0.29			
CYFLUTHRIN	8.39			
BETA-CYFLUTHRIN	20.86			
CYPERMETHRIN	1.96			
(S)-CYPERMETHRIN	< 0.01			
DDVP	0.09			
DDVP, OTHER RELATED	< 0.01			
DELTAMETHRIN	10.60			
DIATOMACEOUS EARTH	22.49			
DIFETHIALONE	0.08			
DINOTEFURAN	23.57			
DIPHACINONE	0.24			
DIPHACINONE, SODIUM SALT	0.10			
DISODIUM OCTABORATE TETRAHYDRATE	1,431.10			
ESFENVALERATE	7.35			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ETOFENPROX	0.21			
FIPRONIL	172.03			
GAMMA-CYHALOTHRIN	0.09			
GLYPHOSATE, ISOPROPYLAMINE SALT	1.37			
HEXAFLUMURON	0.02			
HYDRAMETHYLNON	0.82			
HYDROPRENE	5.30			
IMIDACLOPRID	33.01			
INDOXACARB	3.63			
IRON PHOSPHATE	< 0.01			
LAMBDA-CYHALOTHRIN	3.91			
LIMONENE	120.46			
METHOPRENE	< 0.01			
S-METHOPRENE	0.11			
METOFLUTHRIN	< 0.01			
MINERAL OIL	1.58			
MUSCALURE	0.02			
NAPROPAMIDE	0.17			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.31			
NOVALURON	0.06			
NOVIFLUMURON	0.86			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	16.66			
ORYZALIN	1.43			
PERMETHRIN	9.68			
PERMETHRIN, OTHER RELATED	< 0.01			
PETROLEUM DISTILLATES	< 0.01			
PHENOTHRIN	0.56			
PHENOTHRIN, OTHER RELATED	< 0.01			
PHENYLETHYL PROPIONATE	0.44			
PIPERONYL BUTOXIDE	213.16			
PIPERONYL BUTOXIDE, OTHER RELATED	28.27			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.16			
POTASSIUM PHOSPHITE	7.03			
PRALLETHRIN	1.73			
PROPYLENE GLYCOL	0.05			
PYRETHRINS	53.15			
PYRIPROXYFEN	1.04			
SILICA AEROGEL	16.77			
SODIUM DECYL SULFATE	3.94			
SODIUM LAUROAMPHO ACETATE	2.97			
SODIUM LAURYL SULFATE	2.00			
SULFURYL FLUORIDE	11,502.72			
Z,E-9,12-TETRADECADIEN-1-YL ACETATE	0.04			
TETRAMETHRIN	0.05			
THIAMETHOXAM	3.93			
THYME OIL	0.07			
TRICLOPYR, BUTOXYETHYL ESTER	29.61			
WARFARIN	0.01			
Site Total	14,781.97			

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CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	2.56	2	0.26	A
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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
IRON PHOSPHATE	2.10	12	5.25	A
	0.17	23	16,400.00	S
Total Pounds On This Chemical	2.27			
Site Total	4.83	37		
VEGETABLE				
IRON PHOSPHATE	0.20	1	0.50	A
	0.02	5	1,760.00	S
Total Pounds On This Chemical	0.22			
Site Total	0.22	6		
WATER (INDUSTRIAL)				
ALKYL (60%C14, 30%C16, 5%C12, 5%C18) DIMETHYLBENZYL AMMONIUM CHLORIDE	0.05		4.00	U
ALKYL (68%C12, 32%C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE	0.05		4.00	U
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN	81.30		1.00	A
	6.50		48.00	U
Total Pounds On This Chemical	87.81			
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	0.57		48.00	U
COPPER ETHANOLAMINE COMPLEXES, MIXED	41.04		9.50	A
COPPER SULFATE (PENTAHYDRATE)	0.41		0.25	A
2,2-DIBROMO-3-NITRILOPROPIONAMIDE	2.85		1.00	A
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN	43.35		1.00	A
	3.47		48.00	U
Total Pounds On This Chemical	46.82			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN	23.85		1.00	A
	1.91		48.00	U
Total Pounds On This Chemical	25.76			
DIQUAT DIBROMIDE	13.05		1.75	A
GLUTARALDEHYDE	11.54		44.00	U
HYDROGEN PEROXIDE	653.98		3.00	U
2-METHYL-4-ISOTHIAZOLIN-3-ONE	0.20		48.00	U
PEROXYACETIC ACID	138.20		3.00	U
SODIUM BROMIDE	0.99		96.00	U
SODIUM CARBONATE PEROXYHYDRATE	476.00		50.25	A
SODIUM HYPOCHLORITE	0.71		96.00	U
Site Total	1,500.02			
WATER AREA				
COPPER CITRATE CHELATE	3,268.60		75,881.52	K
COPPER GLUCONATE CHELATE	3,167.25		75,881.52	K
DIQUAT DIBROMIDE	111.87		30.00	A
IMAZAPYR, ISOPROPYLAMINE SALT	0.04		3,710.00	S
Site Total	6,547.76			
WATER FILTER				
SODIUM HYPOCHLORITE	2.54		1.00	A
	1.46		2.00	U
Total Pounds On This Chemical	4.00			
Site Total	4.00			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Marin County Total	63,984.44	531		