

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

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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
ALFALFA				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.75	4	207.00	A
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.42	2	65.00	A
ALKYL (C8,C10) POLYGLUCOSIDE	6.00	3	169.00	A
AMMONIUM NITRATE	6.00	1	89.00	A
AMMONIUM SULFATE	30.72	7	377.00	A
BENZOIC ACID	0.43	2	82.00	A
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	1.25	7	286.00	A
BROMOXYNIL OCTANOATE	36.40	2	84.00	A
CHLORPYRIFOS	79.34	3	158.60	A
CITRIC ACID	1.53	8	368.00	A
CLETHODIM	2.42	2	40.00	A
COCONUT DIETHANOLAMIDE	0.26	1	35.00	A
4-(2,4-DB), DIMETHYLAMINE SALT	56.77	2	97.00	A
DIETHYLENE GLYCOL	0.93	3	158.60	A
DIMETHYL ALKYL TERTIARY AMINES	0.47	2	82.00	A
DIMETHYLPOLYSILOXANE	0.95	18	717.74	A
DIPROPYLENE GLYCOL METHYL ETHER	1.02	3	158.60	A
DODECYLBENZENE SULFONIC ACID	1.14	1	35.00	A
EDTA, TETRASODIUM SALT	0.07	1	35.00	A
FATTY ACIDS DERIVED FROM TALLOW	0.57	2	65.00	A
GLYCEROL	0.05	2	80.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	276.64	7	315.00	A
GLYPHOSATE, POTASSIUM SALT	107.55	3	158.60	A
HEXAZINONE	51.49	3	101.14	A
IMAZAMOX, AMMONIUM SALT	3.68	1	73.00	A
IMAZETHAPYR, AMMONIUM SALT	2.12	2	40.00	A
ISOPROPYL ALCOHOL	7.01	12	412.14	A
LAMBDA-CYHALOTHRIN	10.52	8	345.00	A
LECITHIN	22.26	8	364.60	A
METHYLATED SOYBEAN OIL	87.25	10	482.00	A
METRIBUZIN	109.31	6	291.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	85.16	19	794.74	A
PARAQUAT DICHLORIDE	135.45	4	187.14	A
PENDIMETHALIN	18.94	1	24.00	A
PHOSPHORIC ACID	7.88	9	403.00	A
POLYACRYLIC POLYMER	0.69	6	288.00	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	3.14	3	194.00	A
POLYETHYLENE GLYCOL	32.48	10	353.14	A
POTASSIUM HYDROXIDE	0.02	2	80.00	A
PROPIONIC ACID	8.12	3	158.60	A
SILICONE DEFOAMER	0.03	1	35.00	A
SODIUM POLYACRYLATE	< 0.01	2	80.00	A
SODIUM XYLENE SULFONATE	0.35	1	35.00	A
TALL OIL FATTY ACIDS	1.42	4	182.60	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	1.33	1	35.00	A
TETRAPOTASSIUM PYROPHOSPHATE	0.18	1	35.00	A
ALPHA-TRIDECYL-OMEGA-HYDROXYPOLY(OXYETHANOL) PHOSPHATE	0.12	2	80.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TRIETHANOLAMINE	0.45	1	35.00	A
UREA DIHYDROGEN SULFATE	0.07	2	80.00	A
Site Total	1,203.15	84		
ALFALFA-GRASS MIXTURE				
DIMETHYLPOLYSILOXANE	0.06	3	121.30	A
ISOPROPYL ALCOHOL	1.28	3	121.30	A
METRIBUZIN	58.94	3	121.30	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	14.78	3	121.30	A
POLYETHYLENE GLYCOL	8.06	3	121.30	A
Site Total	83.12	6		
APPLE				
CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1	0.98	3	3.00	A
COPPER HYDROXIDE	138.91	4	46.00	A
ESFENVALERATE	0.76	3	45.00	A
LIME-SULFUR	10.78	2	2.00	A
MINERAL OIL	131.98	5	19.00	A
REYNOUTRIA SACHALINENSIS	0.20	3	3.00	A
SULFUR	168.00	2	30.00	A
Site Total	451.60	22		
ARTICHOKE, GLOBE				
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.10	A
Site Total	< 0.01	1		
BEEHIVE				
AMITRAZ	0.11		1,100.00	U
Site Total	0.11			
BLACKBERRY				
AZOXYSTROBIN	0.16	1	1.00	A
CYPRODINIL	0.63	2	2.00	A
FLUDIOXONIL	0.42	2	2.00	A
PROPICONAZOLE	0.17	1	1.00	A
Site Total	1.39	4		
CUCUMBER				
FLONICAMID	0.02	1	0.11	A
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.11	A
Site Total	0.02	2		
DITCH BANK				
ACROLEIN	66.02		2.00	U
ALKYL (C8,C10) POLYGLUCOSIDE	0.76		1.00	A
DIETHYLENE GLYCOL	0.80		1.00	A
GLYCEROL	5.22		1.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.54		1.00	A

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Site Total	73.34			
EGGPLANT				
MALATHION	0.22	2	0.20	A
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.10	A
Site Total	0.22	3		
FORAGE HAY/SILAGE				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	2.58	4	149.00	A
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXPOLY (OXYETHYLENE)	10.51	7	244.00	A
ALKYL (C8,C10) POLYGLUCOSIDE	0.04	4	125.00	A
AMMONIUM SULFATE	28.41	15	567.00	A
BENZOIC ACID	0.84	4	149.00	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	3.63	18	639.00	A
CARBARYL	149.41	4	149.00	A
CARFENTRAZONE-ETHYL	3.54	3	200.40	A
CITRIC ACID	2.55	19	692.00	A
COCONUT DIETHANOLAMIDE	0.69	9	234.00	A
BETA-CYFLUTHRIN	2.46	4	137.00	A
2,4-D, DIMETHYLAMINE SALT	1,904.42	48	2,043.90	A
DICAMBA, DIMETHYLAMINE SALT	94.13	10	625.70	A
DIETHYLENE GLYCOL	8.93	12	463.70	A
DIMETHYL ALKYL TERTIARY AMINES	0.92	4	149.00	A
DIMETHYLPOLYSILOXANE	2.13	35	1,638.40	A
DIPROPYLENE GLYCOL METHYL ETHER	2.52	11	393.70	A
DODECYLBENZENE SULFONIC ACID	2.98	9	234.00	A
EDTA, TETRASODIUM SALT	0.18	9	234.00	A
FATTY ACIDS DERIVED FROM TALLOW	4.21	7	244.00	A
GLYCEROL	0.32	4	125.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	215.44	6	197.00	A
ISOPROPYL ALCOHOL	16.85	23	1,380.90	A
LAMBDA-CYHALOTHRIN	7.76	8	307.00	A
LECITHIN	55.45	25	907.70	A
MALATHION	129.55	3	107.00	A
MCPA, DIMETHYLAMINE SALT	272.46	11	640.70	A
METHYLATED SOYBEAN OIL	51.76	18	663.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	148.30	32	1,784.60	A
PHOSPHORIC ACID	9.44	28	926.00	A
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE	0.06	1	30.00	A
POLYACRYLIC POLYMER	0.80	15	567.00	A
POLYETHYLENE GLYCOL	43.85	9	660.70	A
POTASSIUM HYDROXIDE	0.10	4	125.00	A
PROPIONIC ACID	20.16	11	393.70	A
PYROXSULAM	0.20	1	15.00	A
SILICONE DEFOAMER	0.08	9	234.00	A
SODIUM POLYACRYLATE	0.06	4	125.00	A
SODIUM XYLENE SULFONATE	0.92	9	234.00	A
TALL OIL FATTY ACIDS	4.61	15	809.90	A

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ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXPOLY(OXYETHYLENE)	3.50	9	234.00	A
TETRAPOTASSIUM PYROPHOSPHATE	0.46	9	234.00	A
ALPHA-TRIDECYL-OMEGA-HYDROXPOLY(OXYETHANOL) PHOSPHATE	0.77	4	125.00	A
TRIETHANOLAMINE	1.17	9	234.00	A
UREA DIHYDROGEN SULFATE	0.46	4	125.00	A
Site Total	3,209.61	181		
FOREST, TIMBERLAND				
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY (OXYETHYLENE)	3,355.77	131	4,010.00	A
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	3,622.42	36	998.00	A
BORAX	52.00	2	93.00	A
CLOPYRALID, MONOETHANOLAMINE SALT	301.32	28	1,153.83	A
2,4-D	8.33	1	20.00	A
2,4-D, 2-ETHYLHEXYL ESTER	45.12	2	55.00	A
DISODIUM OCTABORATE TETRAHYDRATE	176.74	80	1,698.50	A
GLYPHOSATE, DIMETHYLAMINE SALT	11,530.70	208	6,965.92	A
GLYPHOSATE, ISOPROPYLAMINE SALT	31,803.93	332	13,795.43	A
GLYPHOSATE, POTASSIUM SALT	16.22	1	16.00	A
HEXAZINONE	15,690.70	63	5,402.50	A
IMAZAPYR, ISOPROPYLAMINE SALT	4,089.16	227	7,571.95	A
LECITHIN	3,355.77	131	4,010.00	A
METHYLATED SOYBEAN OIL	28,657.52	314	12,662.37	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	5,096.92	314	12,662.37	A
OLEIC ACID, METHYL ESTER	15,660.28	131	4,010.00	A
OXYFLUORFEN	4,353.43	59	3,074.78	A
PENOX SULAM	91.80	59	3,074.78	A
STRYCHNINE	0.75	70	3,329.00	A
TRICLOPYR, BUTOXYETHYL ESTER	1,082.47	56	922.15	A
TRICLOPYR, TRIETHYLAMINE SALT	198.20	16	408.22	A
Site Total	129,189.58	1,626		
GARLIC				
AMMONIUM SULFATE	3.93	1	35.00	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	6.28	4	301.00	A
BROMOXYNIL OCTANOATE	222.57	5	342.00	A
CITRIC ACID	0.22	1	35.00	A
FLUAZIFOP-P-BUTYL	59.25	4	301.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	36.01	1	35.00	A
ISOPROPYL ALCOHOL	4.58	1	121.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	60.37	5	422.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE), PHOSPHATE ESTER	6.28	4	301.00	A
PENDIMETHALIN	121.21	2	156.00	A
PETROLEUM DISTILLATES, AROMATIC	437.90	4	301.00	A
PHOSPHORIC ACID	1.22	1	35.00	A
POLYACRYLIC POLYMER	0.11	1	35.00	A
TALL OIL FATTY ACIDS	26.69	5	422.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Site Total	986.60	18		
GOLF COURSE TURF				
AZOXYSTROBIN	0.17		22,000.00	S
PROPICONAZOLE	0.41		22,000.00	S
THIOPHANATE-METHYL	0.56		3,000.00	S
Site Total	1.14			
GRAPE				
PETROLEUM DISTILLATES, REFINED	8.80	1	1.00	A
Site Total	8.80	1		
GRAPE, WINE				
ALKYL BENZENE SULFONIC ACID	1.46	1	15.00	A
2-ETHYLHEXYL SULFATE, SODIUM SALT	4.31	1	15.00	A
GLYPHOSATE, POTASSIUM SALT	0.17	1	0.25	A
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	5.03	1	15.00	A
LACTIC ACID	0.33	1	15.00	A
MINERAL OIL	20.40	9	6.76	A
PETROLEUM DISTILLATES, REFINED	8.80	1	1.00	A
POTASSIUM BICARBONATE	37.84	11	16.93	A
SODIUM HYDROXIDE	0.19	1	15.00	A
SULFUR	2.03	1	0.30	A
TETRACONAZOLE	0.61	1	15.00	A
TRIFLUMIZOLE	1.84	1	15.00	A
Site Total	83.01	27		
LANDSCAPE MAINTENANCE				
ACEPHATE	8.73			
ACIBENZOLAR-S-METHYL	0.20			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.11			
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.22			
ALKYL (C8,C10) POLYGLUCOSIDE	23.46			
AMINOCYCLOPYRACHLOR	2.42			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	28.26			
AZOXYSTROBIN	10.11			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B	< 0.01			
BENSULIDE	58.65			
BIFENTHRIN	2.08			
BORAX	129.00			
BOSCALID	0.70			
BROMETHALIN	0.03			
BUTYL ALCOHOL	0.43			
CADMIUM CHLORIDE	3.00			
CARFENTRAZONE-ETHYL	0.23			
CHLORANTRANILIPROLE	0.50			
CHLOROPHACINONE	< 0.01			
CHLOROTHALONIL	334.27			
CHLORPYRIFOS	0.09			

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CHLORSULFURON	11.88			
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	1.79			
CLOPYRALID, MONOETHANOLAMINE SALT	6.05			
CLOTHIANIDIN	3.49			
COPPER AMMONIUM COMPLEX	0.16			
COPPER ETHANOLAMINE COMPLEXES, MIXED	37.55			
COPPER HYDROXIDE	3.54			
BETA-CYFLUTHRIN	2.42			
CYPERMETHRIN	0.01			
2,4-D	2.73			
2,4-D, BUTOXYETHANOL ESTER	23.31			
2,4-D, DIMETHYLAMINE SALT	61.25			
2,4-D, 2-ETHYLHEXYL ESTER	5.97			
2,4-D, ISOCTYL ESTER	0.04			
2,4-D, TRIISOPROPYLAMINE SALT	20.36			
DELTAMETHRIN	< 0.01			
DIAZINON	0.80			
DICAMBA	7.69			
DICAMBA, DIMETHYLAMINE SALT	13.48			
DIETHYLENE GLYCOL	27.30			
DIKEGULAC SODIUM	0.08			
DIMETHYLPOLYSILOXANE	0.03			
DIMETHYL SILICONE FLUID EMULSION	0.01			
DINOTEFURAN	2.09			
DIPHACINONE	< 0.01			
DIQUAT DIBROMIDE	14.50			
DITHIOPYR	549.84			
DIURON	253.20			
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.15			
EMAMECTIN BENZOATE	0.19			
ENDOTHALL, DIPOTASSIUM SALT	21.15			
ESFENVALERATE	< 0.01			
ETHEPHON	20.78			
ETOFENPROX	0.02			
ETHYLENE GLYCOL	2.12			
FATTY ACIDS DERIVED FROM TALLOW	0.09			
FIPRONIL	< 0.01			
FLUAZIFOP-P-BUTYL	1.09			
FLUDIOXONIL	1.04			
FLUMIOXAZIN	20.22			
FLUROXYPYR, 1-METHYLHEPTYL ESTER	4.02			
FLURPRIMIDOL	0.01			
FLUTOLANIL	18.90			
TAU-FLUVALINATE	0.02			
FORAMSULFURON	0.40			
FOSETYL-AL	49.20			
GLYCEROL	160.08			
GLYPHOSATE, DIMETHYLAMINE SALT	60.66			
GLYPHOSATE, ISOPROPYLAMINE SALT	8,279.00			
GLYPHOSATE, MONOAMMONIUM SALT	24.54			
GLYPHOSATE, POTASSIUM SALT	45.97			
HALOSULFURON-METHYL	1.01			
IMAZAPIC, AMMONIUM SALT	< 0.01			
IMAZAPYR, ISOPROPYLAMINE SALT	2.89			

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IMIDACLOPRID	19.90			
INDAZIFLAM	2.57			
INDOXACARB	3.56			
IPRODIONE	29.58			
IRON PHOSPHATE	0.48			
ISOPROPYL ALCOHOL	2.91			
ISOPROPYLAMINE DODECYLBENZENE SULFONATE	0.08			
ISOXABEN	3.78			
LAMBDA-CYHALOTHRIN	< 0.01			
LIME-SULFUR	0.04			
LIMONENE	9.59			
MANCOZEB	91.93			
MCPA, DIMETHYLAMINE SALT	27.27			
MCPA, ISOCTYL ESTER	0.38			
MCPP	0.18			
MCPP, DIMETHYLAMINE SALT	0.93			
MCPP, POTASSIUM SALT	15.79			
MCPP-P, DIMETHYLAMINE SALT	3.53			
MECOPROP-P	1.89			
MEFENOXAM	4.65			
MEFENOXAM, OTHER RELATED	0.15			
MEFLUIDIDE, DIETHANOLAMINE SALT	0.24			
METALAXYL	0.33			
METCONAZOLE	1.25			
METHYLATED SOYBEAN OIL	163.14			
MINERAL OIL	11.45			
MSMA	1.65			
MYCLOBUTANIL	0.07			
NONANOIC ACID	1.01			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	58.44			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	< 0.01			
OLEIC ACID, ETHYL ESTER	3.75			
OLEIC ACID, METHYL ESTER	51.33			
ORYZALIN	110.51			
OXADIAZON	38.48			
OXYFLUORFEN	0.06			
OXYTETRACYCLINE HYDROCHLORIDE	0.06			
PENDIMETHALIN	461.62			
PENTHIOPYRAD	2.75			
PETROLEUM OIL, PARAFFIN BASED	14.03			
PIPERONYL BUTOXIDE	0.09			
PIPERONYL BUTOXIDE, OTHER RELATED	< 0.01			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	1.93			
POLYMERIZED PINENE	2.75			
POLYOXIN D, ZINC SALT	1.36			
POLYOXYETHYLENE DIOLEATE	0.66			
POLYOXYETHYLENE SORBITAN MONOOLEATE	0.50			
POLYOXYETHYLENE SORBITAN TRIOLEATE	2.06			
POTASSIUM PHOSPHITE	3.48			
PRODIAMINE	143.86			
PROPICONAZOLE	18.06			
PROPYLENE GLYCOL	0.64			
PYRACLOSTROBIN	1.25			
PYRETHRINS	< 0.01			

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PYRIPROXYFEN	< 0.01			
QUINCLORAC	18.08			
QUINCLORAC, DIMETHYLAMINE SALT	3.01			
RIMSULFURON	0.05			
STRYCHNINE	0.02			
SULFENTRAZONE	9.86			
SULFOMETURON-METHYL	22.07			
SULFOSULFURON	0.02			
TALL OIL	0.54			
TEBUCONAZOLE	0.23			
THIAMETHOXAM	0.80			
THIENCARBAZONE-METHYL	0.04			
THIOPHANATE-METHYL	20.95			
THIRAM	20.00			
TRIADIMEFON	42.97			
TRICLOPYR, BUTOXYETHYL ESTER	306.40			
TRICLOPYR, TRIETHYLAMINE SALT	101.13			
TRIFLURALIN	10.64			
TRINEXAPAC-ETHYL	7.16			
Site Total	12,245.61			
MELON				
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.44	A
Site Total	< 0.01	1		
MINT				
ABAMECTIN	1.83	4	122.00	A
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	15.21	8	235.00	A
AMMONIUM SULFATE	9.82	9	255.00	A
AZOXYSTROBIN	27.11	5	167.00	A
BENTAZON, SODIUM SALT	12.44	1	10.00	A
BIFENAZATE	58.00	3	116.00	A
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	2.91	11	350.00	A
BROMOXYNIL OCTANOATE	2.91	1	10.00	A
CITRIC ACID	0.55	9	255.00	A
CLETHODIM	15.62	5	160.00	A
DIMETHYLPOLYSILOXANE	0.06	11	350.00	A
FATTY ACIDS DERIVED FROM TALLOW	6.08	8	235.00	A
LECITHIN	34.86	11	350.00	A
METHYLATED SOYBEAN OIL	49.14	15	515.00	A
MINERAL OIL	6.47	1	42.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	21.19	13	442.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT	0.03	1	7.00	A
PARAQUAT DICHLORIDE	129.40	3	125.00	A
PETROLEUM OIL, PARAFFIN BASED	6.08	1	7.00	A
PHOSPHORIC ACID	3.04	9	255.00	A
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE	0.20	2	83.00	A
POLYACRYLIC POLYMER	0.28	9	255.00	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	1.44	4	165.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS	0.94	1	7.00	A
SORBITAN FATTY ACID ESTERS	0.21	1	7.00	A
SULFENTRAZONE	10.41	1	42.00	A
TALL OIL FATTY ACIDS	0.57	1	42.00	A
THIAMETHOXAM	7.32	5	156.00	A
Site Total	424.12	64		
N-GRNHS FLOWER				
AZOXYSTROBIN	0.09		11,000.00	S
PROPICONAZOLE	0.23		11,000.00	S
Site Total	0.32			
N-GRNHS TRANSPLANTS				
BIFENAZATE	0.05	1	3,952.00	S
	0.05	1	0.09	A
Total Pounds On This Chemical	0.10			
BOSCALID	0.04	1	0.09	A
CAPTAN	0.48	2	7,904.00	S
	0.25	1	0.09	A
Total Pounds On This Chemical	0.73			
CAPTAN, OTHER RELATED	< 0.01	1	3,952.00	S
	< 0.01	1	0.09	A
Total Pounds On This Chemical	0.01			
CYPRODINIL	0.07	2	7,904.00	S
FLUDIOXONIL	0.04	2	7,904.00	S
IMIDACLOPRID	< 0.01	1	0.09	A
MEFENOXAM	0.05	1	3,952.00	S
METHYL BROMIDE	38.73	1	3,952.00	S
MYCLOBUTANIL	0.01	1	3,952.00	S
PYRACLOSTROBIN	0.02	1	0.09	A
QUINOXYFEN	< 0.01	1	0.09	A
REYNOUTRIA SACHALINENSIS	0.11	1	0.09	A
SPINETORAM	< 0.01	1	0.09	A
THIOPHANATE-METHYL	0.07	1	3,952.00	S
TRIFLUMIZOLE	0.02	1	3,952.00	S
Site Total	40.02	17		
N-OUTDR FLOWER				
GLYPHOSATE, ISOPROPYLAMINE SALT	29.91	1	25.00	A
ISOXABEN	15.00	1	15.00	A
PENDIMETHALIN	75.76	1	15.00	A
Site Total	120.66	3		
N-OUTDR TRANSPLANTS				
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	19.54	18	40.63	A
AZOXYSTROBIN	8.12	3	40.90	A
BIFENAZATE	50.50	9	151.97	A
BOSCALID	48.98	8	136.44	A
ALPHA-(PARA-TERT-BUTYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) PHOSPHATE	220.99	40	1,031.83	A
CAPTAN	936.91	21	356.10	A
CAPTAN, OTHER RELATED	14.54	21	356.10	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CHLOROTHALONIL	416.06	14	378.77	A
COCONUT DIETHANOLAMIDE	0.19	1	25.54	A
COPPER HYDROXIDE	0.86	1	4.00	A
COPPER OXYCHLORIDE	0.95	1	4.00	A
COPPER SULFATE (BASIC)	137.72	2	71.27	A
CYPRODINIL	61.19	13	194.38	A
DIFENOCONAZOLE	0.05	1	0.42	A
DODECYLBENZENE SULFONIC ACID	0.82	1	25.54	A
EDTA, TETRASODIUM SALT	0.05	1	25.54	A
ETOXAZOLE	19.94	7	149.24	A
FATTY ACIDS DERIVED FROM TALLOW	7.82	18	40.63	A
FLUDIOXONIL	40.79	13	194.38	A
FOSETYL-AL	385.60	7	163.09	A
IMIDACLOPRID	6.13	5	136.42	A
IPRODIONE	3.65	1	3.66	A
ISOPROPYL ALCOHOL	87.40	41	1,084.68	A
MALATHION	50.08	5	27.10	A
MYCLOBUTANIL	25.38	15	215.57	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	322.28	58	1,099.77	A
PENTHIOPYRAD	4.55	1	14.79	A
PHOSPHORIC ACID	0.16	1	25.54	A
POTASSIUM PHOSPHITE	27.23	3	7.83	A
PROPICONAZOLE	13.05	4	118.20	A
PYRACLOSTROBIN	24.88	8	136.44	A
SILICONE DEFOAMER	0.02	1	25.54	A
SODIUM XYLENE SULFONATE	0.25	1	25.54	A
TALL OIL FATTY ACIDS	22.93	40	1,059.14	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	0.96	1	25.54	A
TETRAPOTASSIUM PYROPHOSPHATE	0.13	1	25.54	A
THIRAM	391.50	4	137.29	A
TRIETHANOLAMINE	0.32	1	25.54	A
TRIFLUMIZOLE	23.70	4	95.55	A
Site Total	3,376.22	226		
OAT				
2,4-D, DIMETHYLAMINE SALT	33.67	4	39.90	A
ISOPROPYL ALCOHOL	0.38	1	20.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.32	1	20.00	A
TALL OIL FATTY ACIDS	0.10	1	20.00	A
Site Total	35.48	5		
OLIVE				
GLYPHOSATE, ISOPROPYLAMINE SALT	7.93	2	3.00	A
SPINOSAD	0.01	6	36.00	A
Site Total	7.94	8		
ORCHARDGRASS				
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	2.40	1	30.50	A
ALKYL (C8,C10) POLYGLUCOSIDE	2.68	1	31.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
AMMONIUM NITRATE	2.68	1	31.00	A
AMMONIUM SULFATE	2.68	1	31.00	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	0.11	1	20.00	A
COCONUT DIETHANOLAMIDE	0.13	2	50.98	A
2,4-D, DIMETHYLAMINE SALT	314.98	8	286.48	A
DICAMBA, DIMETHYLAMINE SALT	24.99	3	136.48	A
DIMETHYLPOLYSILOXANE	0.08	5	201.00	A
DODECYLBENZENE SULFONIC ACID	0.58	2	50.98	A
EDTA, TETRASODIUM SALT	0.04	2	50.98	A
FATTY ACIDS DERIVED FROM TALLOW	0.96	1	30.50	A
GLYPHOSATE, ISOPROPYLAMINE SALT	59.82	1	31.00	A
ISOPROPYL ALCOHOL	1.29	5	156.98	A
LECITHIN	1.30	1	20.00	A
METHYLATED SOYBEAN OIL	0.76	1	20.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	16.11	5	211.50	A
PHOSPHORIC ACID	2.28	3	125.98	A
POLYETHYLENE GLYCOL	7.05	3	106.00	A
SILICONE DEFOAMER	0.02	2	50.98	A
SODIUM XYLENE SULFONATE	0.18	2	50.98	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXPOLY(OXYETHYLENE)	0.68	2	50.98	A
TETRAPOTASSIUM PYROPHOSPHATE	0.09	2	50.98	A
TRIETHANOLAMINE	0.23	2	50.98	A
UREA	1.94	1	75.00	A
Site Total	444.06	21		

PASTURELAND

ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXPOLY (OXYETHYLENE)	3.62	2	162.00	A
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE	1.18	1	74.00	A
AMMONIUM NITRATE	11.21	1	74.00	A
AMMONIUM SULFATE	2.16	1	88.00	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	0.67	2	123.00	A
CITRIC ACID	0.12	1	88.00	A
CLOPYRALID, MONOETHANOLAMINE SALT	5.93	2	55.00	A
COCONUT DIETHANOLAMIDE	0.06	1	35.00	A
2,4-D, DIMETHYLAMINE SALT	405.18	10	348.00	A
DICAMBA, DIMETHYLAMINE SALT	30.79	1	210.00	A
DIETHYLENE GLYCOL	0.38	3	65.00	A
DIMETHYLPOLYSILOXANE	0.40	6	398.00	A
DIPROPYLENE GLYCOL METHYL ETHER	0.42	3	65.00	A
DODECYLBENZENE SULFONIC ACID	0.25	1	35.00	A
EDTA, TETRASODIUM SALT	0.02	1	35.00	A
FATTY ACIDS DERIVED FROM TALLOW	1.45	2	162.00	A
GLYPHOSATE, DIMETHYLAMINE SALT	3.84	3	12.00	A
ISOPROPYL ALCOHOL	2.28	2	245.00	A
LECITHIN	11.64	5	188.00	A
MCPA, DIMETHYLAMINE SALT	89.00	1	210.00	A
METHYLATED SOYBEAN OIL	23.26	3	197.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	35.54	7	511.00	A
ORGANO/MODIFIED POLYSILOXANE	0.03	1	74.00	A
PHOSPHORIC ACID	0.72	2	123.00	A
POLYACRYLIC POLYMER	0.06	1	88.00	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.93	1	74.00	A
POLYETHYLENE GLYCOL	13.92	1	210.00	A
PROPIONIC ACID	3.33	3	65.00	A
SILICONE DEFOAMER	< 0.01	1	35.00	A
SODIUM XYLENE SULFONATE	0.08	1	35.00	A
TALL OIL FATTY ACIDS	0.42	3	65.00	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	0.29	1	35.00	A
TETRAPOTASSIUM PYROPHOSPHATE	0.04	1	35.00	A
TRICLOPYR, BUTOXYETHYL ESTER	4.07	4	30.00	A
TRIETHANOLAMINE	0.10	1	35.00	A
UREA	8.41	1	74.00	A
Site Total	661.79	32		
PEACH				
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.44	1	2.00	A
COPPER HYDROXIDE	15.08	2	7.00	A
COPPER OXYCHLORIDE	4.76	1	5.00	A
FATTY ACIDS DERIVED FROM TALLOW	0.58	1	2.00	A
MINERAL OIL	70.70	1	5.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.44	1	2.00	A
Site Total	94.00	4		
PEAR				
COPPER DIAMMONIUM DIACETATE COMPLEX	0.66	1	0.25	A
COPPER HYDROXIDE	0.15	1	0.10	A
ESFENVALERATE	< 0.01	3	0.30	A
MINERAL OIL	2.14	2	0.35	A
STRYCHNINE	< 0.01	1	0.10	A
SULFUR	0.98	2	0.20	A
Site Total	3.93	10		
PEPPER, FRUITING				
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.04	A
Site Total	< 0.01	1		
PISTACHIO				
ALPHA-ALKYL (C10-C16)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	10.26	1	100.00	A
DIPHACINONE	< 0.01	2	30.00	A
GLUFOSINATE-AMMONIUM	62.86	3	130.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	55.04	3	130.00	A
INDAZIFLAM	1.95	2	30.00	A
ISOXABEN	22.25	1	100.00	A
OXYFLUORFEN	15.23	2	30.00	A
PENDIMETHALIN	113.15	1	100.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
RIMSULFURON	0.94	2	30.00	A
Site Total	281.68	17		
PLUM				
COPPER HYDROXIDE	0.61	1	0.10	A
ESFENVALERATE	< 0.01	2	0.20	A
MINERAL OIL	0.71	1	0.10	A
STRYCHNINE	< 0.01	1	0.10	A
SULFUR	0.56	1	0.10	A
Site Total	1.88	6		
POMEGRANATE				
GLYPHOSATE, ISOPROPYLAMINE SALT	0.19	1	0.30	A
Site Total	0.19	1		
PUBLIC HEALTH				
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362	112.99			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14	167.46			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52	129.89			
COPPER ETHANOLAMINE COMPLEXES, MIXED	0.82			
DELTAMETHRIN	0.10			
DIQUAT DIBROMIDE	1.06			
ETOFENPROX	278.19			
FLUMIOXAZIN	7.20			
FLURIDONE	0.76			
GLYPHOSATE, ISOPROPYLAMINE SALT	90.91			
IMAZAMOX, AMMONIUM SALT	1.06			
ISOPROPYL ALCOHOL	9.58			
MALATHION	653.11			
METHOPRENE	2.77			
S-METHOPRENE	85.97			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	33.29			
PERMETHRIN	686.75			
PETROLEUM DISTILLATES	18.32			
PETROLEUM DISTILLATES, REFINED	558.75			
PHENOTHRIN	1.76			
PIPERONYL BUTOXIDE	714.61			
PIPERONYL BUTOXIDE, OTHER RELATED	7.46			
PYRETHRINS	0.49			
SPINOSAD	125.11			
TALL OIL	2.52			
TRICLOPYR, TRIETHYLAMINE SALT	108.24			
Site Total	3,799.18			
PUMPKIN				
FLONICAMID	2.25	2	30.00	A
METHYLATED SOYBEAN OIL	4.55	1	16.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.85	1	16.00	A
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.50	A

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POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	0.23	1	16.00	A
SETHOXYDIM	0.01	1	0.50	A
Site Total	7.89	5		
RANGELAND				
CHLORSULFURON	0.94	1	20.00	A
DIMETHYLPOLYSILOXANE	0.01	1	20.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	11.96	1	12.00	A
	7.93	1	20.00	U
Total Pounds On This Chemical	19.89			
ISOPROPYL ALCOHOL	0.21	1	20.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	2.43	1	20.00	A
POLYETHYLENE GLYCOL	1.33	1	20.00	A
TRICLOPYR, BUTOXYETHYL ESTER	14.06	9	50.00	A
Site Total	38.87	13		
RASPBERRY				
AZOXYSTROBIN	0.16	1	1.00	A
CYPRODINIL	0.33	1	1.00	A
FLUDIOXONIL	0.22	1	1.00	A
MYCLOBUTANIL	0.13	1	1.00	A
PROPICONAZOLE	0.17	1	1.00	A
Site Total	1.01	4		
REGULATORY PEST CONTROL				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	14.01			
AMINOCYCLOPYRACHLOR	0.20			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	7.57			
ATRAZINE	2.28			
ATRAZINE, OTHER RELATED	0.12			
BENZOIC ACID	< 0.01			
CHLORFENAPYR	0.11			
CHLORSULFURON	0.15			
CLOPYRALID, MONOETHANOLAMINE SALT	4.98			
2,4-D, 2-ETHYLHEXYL ESTER	103.21			
DIMETHYL ALKYL TERTIARY AMINES	< 0.01			
DISODIUM OCTABORATE TETRAHYDRATE	0.46			
GLYPHOSATE, ISOPROPYLAMINE SALT	45.71			
IMIDACLOPRID	0.19			
METHYLATED SOYBEAN OIL	0.32			
MINERAL OIL	112.07			
OLEIC ACID, METHYL ESTER	171.56			
TRICLOPYR, BUTOXYETHYL ESTER	38.74			
TRICLOPYR, TRIETHYLAMINE SALT	10.25			
Site Total	511.93			
RICE, WILD				
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	4.41	3	119.00	A
ALKYL (C8,C10) POLYGLUCOSIDE	6.07	4	90.00	A
AMMONIUM NITRATE	6.07	4	90.00	A

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AMMONIUM SULFATE	74.51	40	2,325.40	A
BENZOIC ACID	0.36	1	68.00	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	3.63	27	645.60	A
CARFENTRAZONE-ETHYL	85.53	8	490.30	A
CITRIC ACID	3.83	36	2,235.40	A
COPPER SULFATE (PENTAhydrate)	48,205.18	42	3,622.10	A
DIMETHYL ALKYL TERTIARY AMINES	0.40	1	68.00	A
DIMETHYLPOLYSILOXANE	0.09	30	710.60	A
FATTY ACIDS DERIVED FROM TALLOW	1.76	3	119.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	2,994.70	11	1,489.10	A
ISOPROPYL ALCOHOL	0.34	3	65.00	A
LAMBDA-CYHALOTHRIN	44.10	20	1,367.90	A
LECITHIN	42.90	26	638.10	A
MALATHION	1,485.85	33	1,161.80	A
METHYLATED SOYBEAN OIL	38.87	27	706.10	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	8.66	7	191.50	A
PHOSPHORIC ACID	21.18	36	2,235.40	A
POLYACRYLIC POLYMER	1.92	36	2,235.40	A
POLYETHYLENE GLYCOL	2.17	3	65.00	A
PROPYLENE GLYCOL	0.07	1	7.50	A
SULFURIC ACID	0.03	1	7.50	A
Site Total	53,032.63	188		
RIGHTS OF WAY				
ACEPHATE	3.83			
ACROLEIN	702.45			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	56.03			
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY (OXYETHYLENE)	29.98			
ALKYL (C8,C10) POLYGLUCOSIDE	3.13	3	55.00	A
	< 0.01			
Total Pounds On This Chemical	3.13			
AMINOCYCLOPYRACHLOR	21.55			
AMINOCYCLOPYRACHLOR, POTASSIUM SALT	0.02			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	97.16			
AMMONIUM NITRATE	3.13	3	55.00	A
AMMONIUM SULFATE	28.79			
	6.08	4	70.00	A
Total Pounds On This Chemical	34.87			
ATRAZINE	11.91			
ATRAZINE, OTHER RELATED	0.63			
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	0.05			
BORAX	91.98			
BUTYL ALCOHOL	0.82			
CHLOROPHACINONE	< 0.01			
CHLORSULFURON	30.30			
CITRIC ACID	1.67			
	0.16	1	15.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Chemical	1.83			
CLETHODIM	2.67			
COPPER ETHANOLAMINE COMPLEXES, MIXED	28.03			
COPPER HYDROXIDE	6.56			
COPPER NAPHTHENATE	2.88			
2,4-D, BUTOXYETHANOL ESTER	23.25			
2,4-D, DIMETHYLAMINE SALT	141.34			
	39.69	2	35.00	A
Total Pounds On This Chemical	181.03			
DICAMBA, DIMETHYLAMINE SALT	< 0.01			
DICHOLOBENIL	0.13			
DIETHYLENE GLYCOL	141.66			
DIMETHYLPOLYSILOXANE	3.16			
	0.01	2	21.00	A
Total Pounds On This Chemical	3.18			
DIPHACINONE	< 0.01			
DIQUAT DIBROMIDE	22.65			
DITHIOPYR	54.88			
DIURON	246.07			
ENDOTHALL, DIPOTASSIUM SALT	52.88			
FATTY ACIDS, MIXED	252.29			
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS	0.13			
FLUMIOXAZIN	12.00			
FLUROXYPYR, 1-METHYLHEPTYL ESTER	6.38			
TAU-FLUVALINATE	< 0.01			
GLYCEROL	0.02			
GLYPHOSATE, DIMETHYLAMINE SALT	50.38			
GLYPHOSATE, ISOPROPYLAMINE SALT	7,156.94			
	84.65	7	69.00	A
Total Pounds On This Chemical	7,241.59			
GLYPHOSATE, MONOAMMONIUM SALT	2.57			
GLYPHOSATE, POTASSIUM SALT	86.20			
	5.13	1	3.00	A
Total Pounds On This Chemical	91.33			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	9.33			
IMAZAMOX, AMMONIUM SALT	2.12			
IMAZAPYR, ISOPROPYLAMINE SALT	338.98			
IMIDACLOPRID	< 0.01			
INDAZIFLAM	861.06			
ISOPROPYL ALCOHOL	0.29	2	21.00	A
ISOPROPYLAMINE DODECYLBENZENE SULFONATE	0.20			
ISOXABEN	102.89			
LECITHIN	29.98			
LIMONENE	0.67			
METAM-SODIUM	63.47			
METHYLATED SOYBEAN OIL	716.39			
	305.33	6	41.00	A
Total Pounds On This Chemical	1,021.71			
MINERAL OIL	601.28			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	490.73			
	57.73	8	62.00	A
Total Pounds On This Chemical	548.46			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
OLEIC ACID, ETHYL ESTER	19.67			
OLEIC ACID, METHYL ESTER	169.32			
ORYZALIN	59.09			
OXYFLUORFEN	1.50	1	3.00	A
PENDIMETHALIN	7.58			
	0.09	1	1.00	A
Total Pounds On This Chemical	7.67			
PETROLEUM OIL, PARAFFIN BASED	32.98			
PHOSPHORIC ACID	8.91			
	0.91	1	15.00	A
Total Pounds On This Chemical	9.82			
POLYACRYLAMIDE POLYMER	4.28			
POLYACRYLIC POLYMER	0.81			
	0.08	1	15.00	A
Total Pounds On This Chemical	0.89			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	2.22			
	0.23	1	15.00	A
Total Pounds On This Chemical	2.45			
POLYETHYLENE GLYCOL	1.84	2	21.00	A
POLYOXYETHYLENE DIOLEATE	3.44			
POLYOXYETHYLENE SORBITAN MONOOLEATE	1.79			
POLYOXYETHYLENE SORBITAN TRIOLEATE	5.34			
POLYSORBATE 65	4.95			
POTASSIUM HYDROXIDE	< 0.01			
QUINCLORAC	0.03			
SODIUM POLYACRYLATE	< 0.01			
SORBITAN TRIOLEATE	4.95			
STRYCHNINE	0.04			
SULFENTRAZONE	12.21			
SULFOMETURON-METHYL	38.73			
TALL OIL FATTY ACIDS	8.56			
TEBUCONAZOLE	< 0.01			
TEBUTHIURON	0.87			
TRICLOPYR, BUTOXYETHYL ESTER	594.94			
TRICLOPYR, TRIETHYLAMINE SALT	2,484.02			
	223.53	5	26.00	A
Total Pounds On This Chemical	2,707.55			
ALPHA-TRIDECYL-OMEGA-HYDROXYPOLY(OXYETHANOL) PHOSPHATE	0.04			
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)	369.19			
UREA DIHYDROGEN SULFATE	0.03			
ZINC PHOSPHIDE	0.02			
Site Total	17,154.89	29		
SOIL FUMIGATION/PREPLANT				
AMMONIUM SULFATE	204.18	2	51.00	A
CHLOROPICRIN	34,050.88	16	211.50	A
CITRIC ACID	11.44	2	51.00	A
DAZOMET	69.30	1	2.00	A
1,3-DICHLOROPROPENE	1,884.78	1	43.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	42.01	2	51.00	A
METHYL BROMIDE	35,158.17	15	168.50	A
	38.73	1	3,952.00	S
Total Pounds On This Chemical	35,196.90			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
PHOSPHORIC ACID	63.18	2	51.00	A
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE	0.11	2	51.00	A
POLYACRYLIC POLYMER	5.72	2	51.00	A
Site Total	71,528.50	24		
SQUASH				
FLONICAMID	0.02	2	0.50	A
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.85	A
SETHOXYDIM	0.02	1	0.14	A
Site Total	0.05	4		
STRAWBERRY				
MINERAL OIL	1.43	1	2.00	A
Site Total	1.43	1		
STRUCTURAL PEST CONTROL				
ABAMECTIN	< 0.01			
ABAMECTIN, OTHER RELATED	< 0.01			
ACEPHATE	12.29			
ACETAMIPRID	0.11			
ALKYL (50%C14, 40%C12, 10%C16) DIMETHYLBENZYL AMMONIUM CHLORIDE	< 0.01			
D-TRANS ALLETHRIN	0.07			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT	1.32			
4-AMINOPYRIDINE	< 0.01			
AZOXYSTROBIN	0.34			
BENSULIDE	20.63			
BIFENTHRIN	249.48			
BORAX	1.70			
BORIC ACID	132.03			
BRODIFACOU	< 0.01			
BROMADIOLONE	0.09			
BROMETHALIN	< 0.01			
CHLORANTRANILIPROLE	0.20			
CHLORFENAPYR	9.17			
CHLOROTHALONIL	30.14			
CLOTHIANIDIN	0.05			
COPPER NAPHTHENATE	1.57			
CORN PRODUCT, HYDROLYZED	1.58			
CYFLUTHRIN	20.81			
BETA-CYFLUTHRIN	11.00			
CYPERMETHRIN	189.79			
2,4-D, DIMETHYLAMINE SALT	0.22			
DDVP	3.33			
DDVP, OTHER RELATED	0.25			
DELTAMETHRIN	23.81			
DIATOMACEOUS EARTH	5.50			
DIAZINON	1.14			
DICAMBA, DIMETHYLAMINE SALT	0.02			
DIDECYL DIMETHYL AMMONIUM CHLORIDE	0.01			
DIFETHIALONE	< 0.01			
DINOTEFURAN	24.71			
DIPHACINONE	< 0.01			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIPHACINONE, SODIUM SALT	< 0.01			
DIQUAT DIBROMIDE	0.07			
DISODIUM OCTABORATE TETRAHYDRATE	215.00			
DITHIOPYR	0.16			
ESFENVALERATE	3.68			
ETOFENPROX	1.11			
FIPRONIL	144.54			
FLURPRIMIDOL	0.02			
TAU-FLUVALINATE	< 0.01			
GLYPHOSATE, ISOPROPYLAMINE SALT	16.19			
GLYPHOSATE, MONOAMMONIUM SALT	0.18			
HALOSULFURON-METHYL	0.01			
HYDRAMETHYLNON	1.05			
HYDROPRENE	4.48			
IMIDACLOPRID	88.69			
INDAZIFLAM	0.43			
INDOXACARB	31.50			
IRON PHOSPHATE	0.11			
ISOPROPYL ALCOHOL	5.62			
ISOXABEN	0.09			
LAMBDA-CYHALOTHRIN	7.09			
LIMONENE	0.24			
MALATHION	14.79			
MCPP-P, DIMETHYLAMINE SALT	0.02			
METALDEHYDE	0.02			
METHOPRENE	< 0.01			
S-METHOPRENE	0.08			
METHYL ANTHRANILATE	3.21			
METOFLUTHRIN	< 0.01			
MUSCALURE	< 0.01			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	0.23			
NOVIFLUMURON	0.13			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE	15.91			
PERMETHRIN	362.68			
PERMETHRIN, OTHER RELATED	< 0.01			
PETROLEUM OIL, PARAFFIN BASED	0.60			
PHENOTHRIN	1.36			
PHENYLETHYL PROPIONATE	0.11			
PIPERONYL BUTOXIDE	27.54			
PIPERONYL BUTOXIDE, OTHER RELATED	2.46			
POTASSIUM PHOSPHITE	< 0.01			
PRALLETHRIN	1.03			
PRODIAMINE	0.24			
PROPICONAZOLE	3.52			
PROPOXUR	0.07			
PYRACLOSTROBIN	0.29			
PYRETHRINS	9.81			
PYRIPROXYFEN	2.04			
QUINCLORAC	0.04			
SILICA AEROGEL	2.11			
SODIUM CHLORATE	1,442.24			
SULFAQUINOXALINE	< 0.01			
SULFENTRAZONE	< 0.01			
SULFURYL FLUORIDE	468.26			

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TEBUCONAZOLE	0.01			
TETRAMETHRIN	< 0.01			
THIAMETHOXAM	0.11			
THIOPHANATE-METHYL	4.12			
THYME	0.15			
TRICLOPYR, BUTOXYETHYL ESTER	0.17			
TRITICONAZOLE	0.32			
WARFARIN	< 0.01			
ZINC NAPHTHENATE	0.55			
Site Total	3,625.93			
TIMOTHY				
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY (OXYETHYLENE)	2.75	2	95.00	A
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXPOLY (OXYETHYLENE)	87.12	45	1,379.90	A
ALKYL (C8,C10) POLYGLUCOSIDE	< 0.01	1	24.00	A
AMMONIUM SULFATE	72.17	57	1,744.10	A
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	14.89	60	2,023.40	A
CARBARYL	1,262.50	23	865.90	A
CITRIC ACID	4.21	58	1,768.10	A
COCONUT DIETHANOLAMIDE	0.18	3	150.00	A
BETA-CYFLUTHRIN	9.99	8	473.00	A
2,4-D, DIMETHYLAMINE SALT	1,775.31	46	1,691.50	A
DICAMBA, DIMETHYLAMINE SALT	93.80	8	510.20	A
DIMETHYL DICOCOALKYL AMMONIUM SALT WITH NAPHTHALENESULFONIC ACID, FORMALDEHYDE CONDENSATE	3.09	1	80.00	A
DIMETHYLPOLYSILOXANE	0.34	61	2,184.40	A
DODECYLBENZENE SULFONIC ACID	0.79	3	150.00	A
EDTA, TETRASODIUM SALT	0.05	3	150.00	A
FATTY ACIDS DERIVED FROM TALLOW	34.85	45	1,379.90	A
GLYCEROL	0.05	1	24.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	103.62	3	77.00	A
ISOPROPYL ALCOHOL	5.29	6	415.00	A
LAMBDA-CYHALOTHRIN	12.61	16	430.00	A
LECITHIN	176.97	59	1,999.40	A
MALATHION	31.73	1	33.00	A
MCPA, DIMETHYLAMINE SALT	23.65	2	57.00	A
METHIDATHION	137.31	8	183.00	A
METHYLATED SOYBEAN OIL	123.62	61	2,181.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE)	110.46	52	2,011.50	A
PHOSPHORIC ACID	27.84	63	2,103.10	A
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE	0.26	3	111.60	A
POLYACRYLIC POLYMER	2.02	57	1,744.10	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	1.03	2	181.60	A
POLYETHYLENE GLYCOL OLEATE	7.15	1	80.00	A
POTASSIUM HYDROXIDE	0.02	1	24.00	A
SILICONE DEFOAMER	0.02	3	150.00	A
SODIUM POLYACRYLATE	0.01	1	24.00	A
SODIUM XYLENE SULFONATE	0.24	3	150.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TALL OIL FATTY ACIDS	1.33	3	265.00	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	0.92	3	150.00	A
TETRAPOTASSIUM PYROPHOSPHATE	0.12	3	150.00	A
ALPHA-TRIDECYL-OMEGA-HYDROXYPOLY(OXYETHANOL) PHOSPHATE	0.13	1	24.00	A
TRIETHANOLAMINE	0.31	3	150.00	A
UREA	4.77	2	185.00	A
UREA DIHYDROGEN SULFATE	0.08	1	24.00	A
Site Total	4,133.62	293		
TOMATO				
CARBARYL	0.37	2	0.50	A
NOSEMA LOCUSTAE SPORES	< 0.01	1	0.25	A
Site Total	0.37	3		
TRITICALE				
2,4-D, DIMETHYLAMINE SALT	21.10	1	25.00	A
ISOPROPYL ALCOHOL	0.48	1	25.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	1.66	1	25.00	A
TALL OIL FATTY ACIDS	0.13	1	25.00	A
Site Total	23.36	2		
UNCULTIVATED AG				
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	2.07	2	56.30	A
AMMONIUM SULFATE	11.71	3	92.80	A
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	0.30	2	56.30	A
CITRIC ACID	0.66	3	92.80	A
CLETHODIM	9.68	6	31.50	A
CLOPYRALID, MONOETHANOLAMINE SALT	3.96	1	30.00	A
2,4-D, DIMETHYLAMINE SALT	171.49	3	142.00	A
DIETHYLENE GLYCOL	0.18	1	30.00	A
DIMETHYLPOLYSILOXANE	0.19	5	198.30	A
DIPROPYLENE GLYCOL METHYL ETHER	0.19	1	30.00	A
FATTY ACIDS DERIVED FROM TALLOW	0.83	2	56.30	A
GLYPHOSATE, ISOPROPYLAMINE SALT	124.27	5	97.80	A
	3.96	1	3.00	U
Total Pounds On This Chemical	128.23			
ISOPROPYL ALCOHOL	4.66	3	148.50	A
LECITHIN	5.32	3	86.30	A
METHYLATED SOYBEAN OIL	2.12	2	56.30	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	29.12	6	234.80	A
PHOSPHORIC ACID	3.62	3	92.80	A
POLYACRYLIC POLYMER	0.33	3	92.80	A
POLYETHYLENE GLYCOL	7.42	2	112.00	A
PROPIONIC ACID	1.54	1	30.00	A
TALL OIL FATTY ACIDS	1.11	2	66.50	A
Site Total	384.72	27		

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
UNCULTIVATED NON-AG				
2,4-D, DIMETHYLAMINE SALT	32.70	1	15.00	A
GLYPHOSATE, DIMETHYLAMINE SALT	71.67	1	85.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	22.53	1	15.00	A
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE	0.91	1	15.00	A
METHYLATED SOYBEAN OIL	44.56	1	85.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	7.93	1	85.00	A
OLEIC ACID, METHYL ESTER	2.73	1	15.00	A
Site Total	183.03	5		
VERTEBRATE CONTROL				
ALUMINUM PHOSPHIDE	5.03			
DIPHACINONE	< 0.01			
Total Pounds On This Chemical	< 0.01	3	900.00	A
Site Total	5.03	3		
WALNUT				
ABAMECTIN	7.75	17	354.67	A
ACEQUINOCYL	13.03	3	40.62	A
ACETAMIPRID	7.20	2	30.00	A
ALPHA-ALKYL (C10-C16)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	2.05	1	20.00	A
BIFENAZATE	21.98	3	45.00	A
BIFENTHRIN	31.05	9	202.00	A
BUPROFEZIN	14.88	1	8.50	A
CHLORANTRANILIPROLE	26.65	14	304.67	A
CHLORPYRIFOS	317.50	19	267.31	A
CLOTHIANIDIN	3.99	3	45.00	A
COPPER HYDROXIDE	7,861.27	87	1,706.07	A
CORN PRODUCT, HYDROLYZED	423.74	14	205.00	A
BETA-CYFLUTHRIN	0.10	1	4.67	A
2,4-D, DIMETHYLAMINE SALT	296.03	10	181.00	A
DAZOMET	19.80	1	1.00	A
DIMETHYLPOLYSILOXANE	28.08	60	1,046.02	A
E,E-8,10-DODECADIEN-1-OL	15.49	13	541.14	A
ETHEPHON	43.61	2	55.00	A
ETOXAZOLE	47.45	10	439.34	A
FLUMIOXAZIN	3.83	1	10.00	A
FLUXAPYROXAD	3.68	1	35.00	A
GLUFOSINATE-AMMONIUM	449.15	29	816.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	39.33	6	41.00	A
GLYPHOSATE, POTASSIUM SALT	2,010.83	75	1,156.93	A
HEXYTHIAZOX	13.03	9	191.00	A
IMIDACLOPRID	0.20	1	4.67	A
INDAZIFLAM	13.45	29	349.18	A
ISOXABEN	4.45	1	20.00	A
KAOLIN	1,935.63	17	32.50	A
LAMBDA-CYHALOTHRIN	2.32	1	60.00	A
LECITHIN	53.32	33	896.00	A
MALATHION	23.86	7	25.00	A

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Commodity Chemical	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MANCOZEB	2,818.28	92	1,726.07	A
METCONAZOLE	13.78	15	147.00	A
METHYLATED SOYBEAN OIL	127.64	40	1,026.50	A
MINERAL OIL	578.13	26	414.88	A
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255	21.60	2	12.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	144.97	79	1,708.38	A
OXYFLUORFEN	135.28	26	312.48	A
PARAQUAT DICHLORIDE	961.42	56	1,395.88	A
PENDIMETHALIN	710.58	20	426.75	A
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE	1.74	7	130.50	A
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE	12.61	6	146.00	A
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1- (TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER	22.77	13	397.52	A
POLYOXYETHYLENE POLYOXYPROPYLENE	108.57	34	381.50	A
POTASSIUM PHOSPHITE	34.78	1	21.00	A
PROPICONAZOLE	67.85	14	304.67	A
PROPYLENE GLYCOL	43.37	26	664.52	A
PYRACLOSTROBIN	3.68	1	35.00	A
PYRIPROXYFEN	15.44	15	147.00	A
REYNOUTRIA SACHALINENSIS	28.18	17	388.00	A
RIMSULFURON	14.70	38	470.93	A
SAFLUFENACIL	1.58	1	36.00	A
SPINETORAM	4.88	30	45.00	A
SPIROTETRAMAT	1.68	3	43.00	A
TALL OIL FATTY ACIDS	86.56	39	681.88	A
TEBUCONAZOLE	54.56	14	242.50	A
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA- HYDROXYPOLY(OXYETHYLENE)	42.46	13	397.52	A
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)	48.20	33	896.00	A
Site Total	19,839.99	862		
WATER AREA				
ACROLEIN	375.35	5	30.00	U
Site Total	375.35	5		
WHEAT				
ALKYL (C8,C10) POLYGLUCOSIDE	< 0.01	1	40.00	A
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL) ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS	0.08	1	40.00	A
ALPHA-(PARA-TERT-BUTYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) PHOSPHATE	24.82	1	77.60	A
CITRIC ACID	0.09	1	40.00	A
COCONUT DIETHANOLAMIDE	0.33	5	100.50	A
2,4-D, DIMETHYLAMINE SALT	132.45	5	136.00	A
2,4-D, 2-ETHYLHEXYL ESTER	96.07	6	178.10	A
DICAMBA, DIMETHYLAMINE SALT	299.61	8	353.10	A
DIETHYLENE GLYCOL	0.23	2	39.00	A
DIMETHYLPOLYSILOXANE	0.18	3	149.00	A
DIPROPYLENE GLYCOL METHYL ETHER	0.25	2	39.00	A
DODECYLBENZENE SULFONIC ACID	1.44	5	100.50	A
EDTA, TETRASODIUM SALT	0.09	5	100.50	A

Department of Pesticide Regulation
 2016 Annual Statewide Pesticide Use Report Indexed by Commodity
 Shasta 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
GLYCEROL	0.03	1	40.00	A
GLYPHOSATE, ISOPROPYLAMINE SALT	60.01	2	60.00	A
ISOPROPYL ALCOHOL	8.15	7	288.10	A
LECITHIN	2.16	2	39.00	A
MCPA, DIMETHYLAMINE SALT	716.41	38	1,213.00	A
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE)	31.10	4	226.60	A
PHOSPHORIC ACID	0.29	6	140.50	A
POLYETHYLENE GLYCOL	1.99	1	110.00	A
POTASSIUM HYDROXIDE	< 0.01	1	40.00	A
PROPIONIC ACID	2.00	2	39.00	A
PYROXSULAM	14.55	37	1,103.00	A
SILICONE DEFOAMER	0.04	5	100.50	A
SODIUM POLYACRYLATE	< 0.01	1	40.00	A
SODIUM XYLENE SULFONATE	0.44	5	100.50	A
TALL OIL FATTY ACIDS	2.20	3	116.60	A
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]- OMEGA-HYDROXYPOLY(OXYETHYLENE)	1.69	5	100.50	A
TETRAPOTASSIUM PYROPHOSPHATE	0.22	5	100.50	A
ALPHA-TRIDECYL-OMEGA-HYDROXYPOLY(OXYETHANOL) PHOSPHATE	0.07	1	40.00	A
TRIETHANOLAMINE	0.57	5	100.50	A
UREA DIHYDROGEN SULFATE	0.04	1	40.00	A
Site Total	1,397.61	107		
Shasta County Total	329,074.99	3,966		