

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>ABAMECTIN</b>				
Grape, Wine	0.86	3	46.00	A
Structural Pest Control	< 0.01			
Chemical Total	0.87	3		
<b>ABAMECTIN, OTHER RELATED</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>ACEPHATE</b>				
Landscape Maintenance	4.32			
Structural Pest Control	0.42			
Chemical Total	4.73			
<b>ACETAMIPRID</b>				
Grape, Wine	0.04	1	3.00	A
Structural Pest Control	0.02			
Chemical Total	0.05	1		
<b>ALCOHOLS, C12-C14, ALIPHATIC</b>				
Rights Of Way	1.19			
Chemical Total	1.19			
<b>ALPHA-ALKYLARYL-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Landscape Maintenance	294.81			
Rights Of Way	7.69			
Chemical Total	302.51			
<b>ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM CHLORIDE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Forest, Timberland	6.69	37	492.20	A
Grape	0.85	2	12.00	A
Grape, Wine	3.30	4	76.00	A
Rights Of Way	25.96			
Chemical Total	36.80	43		
<b>ALPHA-PINENE BETA-PINENE COPOLYMER</b>				
Grape, Wine	0.55	2	4.00	A
Chemical Total	0.55	2		
<b>ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE</b>				
Rights Of Way	3.40			
Chemical Total	3.40			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>ALKYL (C8,C10) POLYGLUCOSIDE</b>				
Grape, Wine	0.42	1	2.50	A
Rights Of Way	2.44			
Chemical Total	2.86	1		
<b>D-TRANS ALLETHRIN</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>ALLYLOXPOLYETHYLENE GLYCOL ACETATE</b>				
Rights Of Way	0.98			
Chemical Total	0.98			
<b>AMINOCYCLOPYRACHLOR, POTASSIUM SALT</b>				
Rights Of Way	0.94			
Chemical Total	0.94			
<b>AMINOPYRALID, TRIISOPROPANOLAMINE SALT</b>				
Forest, Timberland	84.61	29	466.20	A
Landscape Maintenance	70.13			
Pastureland	4.64	3	50.00	A
Rangeland	18.39	10	331.00	A
Regulatory Pest Control	< 0.01			
Rights Of Way	47.93			
Uncultivated Non-Ag	0.45	1	5.00	A
Chemical Total	226.16	43		
<b>AMMONIUM NITRATE</b>				
Forest, Timberland	0.86	37	492.20	A
Grape, Wine	0.20	1	2.50	A
Rights Of Way	1.16			
Chemical Total	2.22	38		
<b>AMMONIUM SULFATE</b>				
Forest, Timberland	143.25	92	1,742.34	A
Grape, Wine	0.40	1	2.50	A
Landscape Maintenance	21.60			
Rangeland	10.31	1	100.00	A
Rights Of Way	22.95			
Chemical Total	198.51	94		
<b>AZADIRACTIN</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>AZOXYSTROBIN</b>				
Landscape Maintenance	9.14			
Chemical Total	9.14			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>BACILLUS AMYLOLIQUEFACIENS STRAIN D747</b>				
Tomato	2.20	1	7,200.00	S
Chemical Total	2.20	1		
<b>BACILLUS PUMILUS, STRAIN QST 2808</b>				
Apple	0.17	7	6.21	A
Chemical Total	0.17	7		
<b>BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES</b>				
Apple	0.27	1	1.00	A
Chemical Total	0.27	1		
<b>BEAUVERIA BASSIANA STRAIN GHA</b>				
Tomato	0.23	6	28,600.00	S
Vegetable	< 0.01	1	10,000.00	S
Chemical Total	0.23	7		
<b>BENSULIDE</b>				
Landscape Maintenance	11.29			
Chemical Total	11.29			
<b>BENZOIC ACID</b>				
Rights Of Way	0.73			
Chemical Total	0.73			
<b>BIFENTHRIN</b>				
Landscape Maintenance	12.06			
Rights Of Way	0.01			
Structural Pest Control	322.71			
Chemical Total	334.78			
<b>N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS</b>				
Apple	1.93	1	18.00	A
Grape, Wine	< 0.01	1	2.50	A
Landscape Maintenance	< 0.01			
Rights Of Way	9.44			
Chemical Total	11.38	2		
<b>BORAX</b>				
Rights Of Way	1,063.24			
Structural Pest Control	0.20			
Chemical Total	1,063.45			
<b>BORIC ACID</b>				
Structural Pest Control	344.01			
Chemical Total	344.01			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>BOSCALID</b>				
Grape	0.76	1	6.00	A
Grape, Wine	4.04	6	23.50	A
Chemical Total	4.80	7		
<b>BRODIFACOUM</b>				
Poultry	0.01	12	236.00	A
Structural Pest Control	< 0.01			
Chemical Total	0.01	12		
<b>BROMADIOLONE</b>				
Landscape Maintenance	< 0.01			
Poultry	0.02	24	472.00	A
Structural Pest Control	0.03			
Chemical Total	0.05	24		
<b>BROMETHALIN</b>				
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN</b>				
Water (Industrial)	60.00		1.00	A
Chemical Total	60.00			
<b>2-BUTOXYETHANOL</b>				
Rights Of Way	3.06			
Chemical Total	3.06			
<b>BUTYL ALCOHOL</b>				
Rights Of Way	1.25			
Chemical Total	1.25			
<b>CALCIUM CHLORIDE</b>				
Forest, Timberland	1.00	6	95.30	A
Landscape Maintenance	< 0.01			
Rights Of Way	0.02			
Chemical Total	1.02	6		
<b>CANOLA OIL</b>				
Rights Of Way	0.31			
Chemical Total	0.31			
<b>CAPRIC ACID</b>				
Grape, Wine	0.90	1	0.33	A
Chemical Total	0.90	1		

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<b>CAPRYLIC ACID</b>				
Grape, Wine	1.32	1	0.33	A
Chemical Total	1.32	1		
<b>CARFENTRAZONE-ETHYL</b>				
Landscape Maintenance	2.36			
Oat (Forage - Fodder)	0.23	1	15.00	A
Rights Of Way	0.03			
Chemical Total	2.63	1		
<b>CHLORANTRANILIPROLE</b>				
Apple	1.77	1	18.00	A
Landscape Maintenance	0.13			
Structural Pest Control	0.90			
Chemical Total	2.81	1		
<b>CHLORFENAPYR</b>				
Landscape Maintenance	< 0.01			
Structural Pest Control	1.92			
Chemical Total	1.92			
<b>CHLOROTHALONIL</b>				
Landscape Maintenance	72.03			
Chemical Total	72.03			
<b>CHLORSULFURON</b>				
Landscape Maintenance	12.92			
Rights Of Way	1.86			
Chemical Total	14.78			
<b>CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1</b>				
Tomato	0.59	4	21,400.00	S
Vegetable	0.09	1	10,000.00	S
Chemical Total	0.68	5		
<b>CITRIC ACID</b>				
Forest, Timberland	9.60	61	1,345.44	A
Landscape Maintenance	1.23			
Rangeland	1.38	1	100.00	A
Rights Of Way	8.39			
Chemical Total	20.59	62		
<b>CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL</b>				
Apple	2.87	2	2.00	A
Tomato	10.79	13	62,100.00	S
Vegetable	4.33	1	10,000.00	S
Chemical Total	17.99	16		
<b>CLOPYRALID, MONOETHANOLAMINE SALT</b>				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forest, Timberland	89.59	18	454.50	A
Landscape Maintenance	6.13			
Pastureland	0.02	1	20.00	A
Rights Of Way	20.39			
Chemical Total	116.13	19		
<b>CLOPYRALID, TRIETHYLAMINE SALT</b>				
Landscape Maintenance	4.04			
Chemical Total	4.04			
<b>CLOTHIANIDIN</b>				
Landscape Maintenance	0.03			
Structural Pest Control	1.12			
Chemical Total	1.15			
<b>COCONUT DIETHANOLAMIDE</b>				
Landscape Maintenance	0.69			
Chemical Total	0.69			
<b>COPPER CARBONATE, BASIC</b>				
Rights Of Way	7.03			
Chemical Total	7.03			
<b>COPPER ETHANOLAMINE COMPLEXES, MIXED</b>				
Landscape Maintenance	0.04			
Water Area	175.64		92.00	A
Chemical Total	175.68			
<b>COPPER HYDROXIDE</b>				
Apple	2.31	1	1.00	A
Grape, Wine	1.45	1	2.50	A
Peach	4.61	2	4.00	A
Rights Of Way	63.11			
Chemical Total	71.48	4		
<b>COPPER OCTANOATE</b>				
Tomato	0.39	1	7,200.00	S
Chemical Total	0.39	1		
<b>CYFLUFENAMID</b>				
Grape, Wine	0.05	1	4.00	A
Chemical Total	0.05	1		
<b>CYFLUTHRIN</b>				
Structural Pest Control	2.67			
Chemical Total	2.67			
<b>BETA-CYFLUTHRIN</b>				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	1.36			
Chemical Total	1.36			
<b>CYPERMETHRIN</b>				
Structural Pest Control	3.23			
Chemical Total	3.23			
<b>2,4-D, DIMETHYLAMINE SALT</b>				
Landscape Maintenance	0.24			
Rangeland	11.11	3	900.00	A
Chemical Total	11.36	3		
<b>2,4-D, 2-ETHYLHEXYL ESTER</b>				
Landscape Maintenance	0.43			
Rights Of Way	1.52			
Chemical Total	1.95			
<b>DELTAMETHRIN</b>				
Structural Pest Control	57.46			
Chemical Total	57.46			
<b>DIATOMACEOUS EARTH</b>				
Structural Pest Control	0.45			
Chemical Total	0.45			
<b>DICAMBA</b>				
Landscape Maintenance	0.03			
Rights Of Way	0.09			
Chemical Total	0.12			
<b>DICAMBA, DIMETHYLAMINE SALT</b>				
Landscape Maintenance	0.06			
Chemical Total	0.06			
<b>1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN</b>				
Water (Industrial)	27.40		1.00	A
Chemical Total	27.40			
<b>1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN</b>				
Water (Industrial)	10.60		1.00	A
Chemical Total	10.60			
<b>DIDECYL DIMETHYL AMMONIUM CHLORIDE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>DIETHYLENE GLYCOL</b>				
Rights Of Way	1.76			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	1.76			
<b>DIFENOCONAZOLE</b>				
Landscape Maintenance	3.66			
Chemical Total	3.66			
<b>DIFETHIALONE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>DIMETHYL ALKYL TERTIARY AMINES</b>				
Rights Of Way	0.79			
Chemical Total	0.79			
<b>DIMETHYLPOLYSILOXANE</b>				
Grape, Wine	< 0.01	1	2.50	A
Landscape Maintenance	0.09			
Rights Of Way	0.17			
Chemical Total	0.27	1		
<b>DINOTEFURAN</b>				
Structural Pest Control	6.33			
Chemical Total	6.33			
<b>DIOCTYL DIMETHYL AMMONIUM CHLORIDE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>DIPHACINONE</b>				
Landscape Maintenance	< 0.01			
Rights Of Way	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>DIQUAT DIBROMIDE</b>				
Landscape Maintenance	0.95			
Rights Of Way	7.71			
Chemical Total	8.66			
<b>DISODIUM OCTABORATE TETRAHYDRATE</b>				
Landscape Maintenance	1.96			
Regulatory Pest Control	1.96			
Rights Of Way	0.49			
Structural Pest Control	214.98			
Chemical Total	219.39			
<b>DITHIOPYR</b>				
Landscape Maintenance	213.73			



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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	6.20			
Chemical Total	219.93			
<b>DIURON</b>				
Landscape Maintenance	460.68			
Rights Of Way	289.87			
Chemical Total	750.55			
<b>E,E-8,10-DODECADIEN-1-OL</b>				
Apple	0.91	2	36.00	A
Chemical Total	0.91	2		
<b>DODECYLBENZENE SULFONIC ACID</b>				
Landscape Maintenance	2.98			
Chemical Total	2.98			
<b>DODECYLBENZENE SULFONIC ACID, CALCIUM SALT</b>				
Rights Of Way	0.15			
Chemical Total	0.15			
<b>ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Grape, Wine	0.02	1	1.50	A
Chemical Total	0.02	1		
<b>EDTA, TETRASODIUM SALT</b>				
Landscape Maintenance	0.18			
Chemical Total	0.18			
<b>EMAMECTIN BENZOATE</b>				
Landscape Maintenance	1.29			
Structural Pest Control	5.60			
Chemical Total	6.89			
<b>ESFENVALERATE</b>				
Structural Pest Control	1.14			
Chemical Total	1.14			
<b>ETHEPHON</b>				
Landscape Maintenance	0.49			
Chemical Total	0.49			
<b>ETOFENPROX</b>				
Structural Pest Control	0.08			
Chemical Total	0.08			
<b>FATTY ACIDS, MIXED</b>				
Rights Of Way	3.13			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	3.13			
<b>FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS</b>				
Apple	6.16	1	18.00	A
Rights Of Way	16.18			
Chemical Total	22.34	1		
<b>FERRIC SODIUM EDTA</b>				
Structural Pest Control	0.08			
Chemical Total	0.08			
<b>FIPRONIL</b>				
Landscape Maintenance	0.96			
Rights Of Way	1.20			
Structural Pest Control	868.77			
Chemical Total	870.94			
<b>FLUDIOXONIL</b>				
Landscape Maintenance	0.25			
Chemical Total	0.25			
<b>FLUMIOXAZIN</b>				
Grape	0.19	1	6.00	A
Landscape Maintenance	53.29			
Rights Of Way	1.15			
Chemical Total	54.63	1		
<b>FLURIDONE</b>				
Water Area	5.99		7.00	A
Chemical Total	5.99			
<b>FLUROXYPYR, 1-METHYLHEPTYL ESTER</b>				
Forest, Timberland	81.70	7	138.40	A
Rights Of Way	10.87			
Chemical Total	92.57	7		
<b>FORAMSULFURON</b>				
Rights Of Way	0.02			
Chemical Total	0.02			
<b>GIBBERELLINS</b>				
Apple	< 0.01	5	5.00	A
Chemical Total	< 0.01	5		
<b>GLUFOSINATE-AMMONIUM</b>				
Rights Of Way	154.93			
Chemical Total	154.93			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>GLYCEROL</b>				
Rangeland	52.52	2	623.00	A
Rights Of Way	28.86			
Chemical Total	81.38	2		
<b>GLYPHOSATE, DIMETHYLAMINE SALT</b>				
Forest, Timberland	8,960.12	114	2,529.70	A
Uncultivated Non-Ag	12.80	1	4.00	A
Chemical Total	8,972.91	115		
<b>GLYPHOSATE, ISOPROPYLAMINE SALT</b>				
Forest, Timberland	3,140.91	45	917.16	A
Grape	0.99	1	6.00	A
Grape, Wine	21.40	5	20.50	A
Industrial Site	0.30		0.75	A
	0.08		200.00	S
Total Pounds On This Commodity	0.38			
Landscape Maintenance	2,019.67			
	2.00	1	1.00	A
Total Pounds On This Commodity	2,021.67			
N-Outdr Plants In Containers	5.64	4	12.00	A
N-Outdr Transplants	2.19	1	4.00	A
Pastureland	7.08	2	25.00	A
Rangeland	10.70	5	1,355.00	A
Regulatory Pest Control	34.72			
Rights Of Way	1,770.86			
	89.88	7	3.09	A
Total Pounds On This Commodity	1,860.74			
Structural Pest Control	1.36			
Uncultivated Non-Ag	3.00		40.00	A
Water Area	0.30	1	2.00	A
Chemical Total	7,111.07	72		
<b>GLYPHOSATE, MONOAMMONIUM SALT</b>				
Landscape Maintenance	0.82			
Chemical Total	0.82			
<b>GLYPHOSATE, POTASSIUM SALT</b>				
Landscape Maintenance	1,138.55			
Rights Of Way	378.61			
Chemical Total	1,517.16			
<b>HALOSULFURON-METHYL</b>				
Landscape Maintenance	0.12			
Rights Of Way	0.01			
Chemical Total	0.13			
<b>HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED</b>				
Rights Of Way	0.71			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.71			
<b>HEXAZINONE</b>				
Forest, Timberland	40.83	17	318.00	A
Chemical Total	40.83	17		
<b>HEXYLENE GLYCOL</b>				
Rights Of Way	3.06			
Chemical Total	3.06			
<b>HYDRAMETHYLNON</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>HYDROPRENE</b>				
Structural Pest Control	0.06			
Chemical Total	0.06			
<b>2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE</b>				
Rights Of Way	3.40			
Chemical Total	3.40			
<b>IMAZAPYR, ISOPROPYLAMINE SALT</b>				
Forest, Timberland	622.18	57	774.80	A
Landscape Maintenance	12.76			
Regulatory Pest Control	3.86			
Rights Of Way	5.09			
Chemical Total	643.90	57		
<b>IMIDACLOPRID</b>				
Grape, Wine	2.46	4	76.00	A
Landscape Maintenance	18.96			
Rights Of Way	0.03			
Structural Pest Control	85.07			
Chemical Total	106.52	4		
<b>INDAZIFLAM</b>				
Landscape Maintenance	15.67			
Rights Of Way	34.55			
Chemical Total	50.22			
<b>INDOXACARB</b>				
Landscape Maintenance	2.25			
Structural Pest Control	0.27			
Chemical Total	2.52			
<b>IODINE</b>				

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forest, Timberland	4.16	1	75.00	A
Chemical Total	4.16	1		
<b>IODOSULFURON-METHYL-SODIUM</b>				
Rights Of Way	< 0.01			
Chemical Total	< 0.01			
<b>IRON PHOSPHATE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>ISOPROPYL ALCOHOL</b>				
Landscape Maintenance	91.41			
Rights Of Way	3.77			
Chemical Total	95.19			
<b>ISOXABEN</b>				
Landscape Maintenance	184.04			
Chemical Total	184.04			
<b>LAMBDA-CYHALOTHRIN</b>				
Structural Pest Control	0.29			
Chemical Total	0.29			
<b>LECITHIN</b>				
Forest, Timberland	129.67	6	430.00	A
Chemical Total	129.67	6		
<b>LIME-SULFUR</b>				
Apple	32.47	10	10.00	A
Grape, Wine	11.55	1	4.00	A
Chemical Total	44.02	11		
<b>LIMONENE</b>				
Structural Pest Control	0.07			
Chemical Total	0.07			
<b>MCPP, DIMETHYLAMINE SALT</b>				
Landscape Maintenance	0.16			
Chemical Total	0.16			
<b>MCPP-P, DIMETHYLAMINE SALT</b>				
Landscape Maintenance	0.07			
Chemical Total	0.07			
<b>MECOPROP-P</b>				
Landscape Maintenance	0.11			
Rights Of Way	0.31			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.42			
<b>METAM-SODIUM</b>				
Rights Of Way	603.53			
Chemical Total	603.53			
<b>METHOPRENE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>S-METHOPRENE</b>				
Structural Pest Control	0.05			
Chemical Total	0.05			
<b>METHYLATED SOYBEAN OIL</b>				
Forest, Timberland	5,989.94	156	3,393.40	A
Landscape Maintenance	78.72			
Rights Of Way	233.07			
Uncultivated Non-Ag	16.69	1	4.00	A
Chemical Total	6,318.43	157		
<b>METHYL SILICONE RESINS</b>				
Grape, Wine	0.77	1	4.00	A
Chemical Total	0.77	1		
<b>METOFLUTHRIN</b>				
Structural Pest Control	0.03			
Chemical Total	0.03			
<b>MINERAL OIL</b>				
Grape	72.68	4	7.50	A
Grape, Wine	0.17	2	4.00	A
Peach	17.67	1	2.00	A
Rights Of Way	6.59			
Structural Pest Control	10.86			
Chemical Total	107.97	7		
<b>MSMA</b>				
Landscape Maintenance	0.73			
Chemical Total	0.73			
<b>MUSCALURE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>MYCLOBUTANIL</b>				
Grape, Wine	0.60	3	6.00	A
Chemical Total	0.60	3		

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED</b>				
Apple	1.54	1	18.00	A
Chemical Total	1.54	1		
<b>ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Forest, Timberland	947.58	150	2,963.40	A
Landscape Maintenance	341.55			
Rangeland	11.25	1	523.00	A
Rights Of Way	131.27			
Uncultivated Non-Ag	1.95	1	4.00	A
Chemical Total	1,433.59	152		
<b>NOVALURON</b>				
Structural Pest Control	0.13			
Chemical Total	0.13			
<b>N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE</b>				
Structural Pest Control	1.37			
Chemical Total	1.37			
<b>OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>OLEIC ACID</b>				
Apple	1.93	1	18.00	A
Chemical Total	1.93	1		
<b>OLEIC ACID, ETHYL ESTER</b>				
Landscape Maintenance	30.97			
Rights Of Way	16.66			
Chemical Total	47.64			
<b>OLEIC ACID, METHYL ESTER</b>				
Landscape Maintenance	33.33			
Rights Of Way	62.01			
Chemical Total	95.33			
<b>ORYZALIN</b>				
Landscape Maintenance	89.91			
Rights Of Way	239.34			
Chemical Total	329.25			
<b>OXADIAZON</b>				
Landscape Maintenance	2.82			
Chemical Total	2.82			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>OXYFLUORFEN</b>				
Forest, Timberland	795.18	33	773.50	A
Grape	0.50	1	6.00	A
Grape, Wine	0.39	1	2.50	A
Landscape Maintenance	6.68			
N-Outdr Transplants	7.02	1	4.00	A
Rights Of Way	454.54			
Uncultivated Non-Ag	7.04	1	4.00	A
Chemical Total	1,271.36	37		
<b>PACLOBUTRAZOL</b>				
Rights Of Way	1.18			
Chemical Total	1.18			
<b>PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97</b>				
Tomato	0.21	2	14,200.00	S
Vegetable	0.06	1	10,000.00	S
Chemical Total	0.28	3		
<b>PENDIMETHALIN</b>				
Landscape Maintenance	2,773.76			
Rights Of Way	58.68			
Structural Pest Control	0.02			
Chemical Total	2,832.45			
<b>PENOX SULAM</b>				
Forest, Timberland	16.77	33	773.50	A
Landscape Maintenance	0.14			
Rights Of Way	< 0.01			
Uncultivated Non-Ag	0.15	1	4.00	A
Chemical Total	17.06	34		
<b>PENTHIOPYRAD</b>				
Landscape Maintenance	3.13			
Chemical Total	3.13			
<b>PERMETHRIN</b>				
Landscape Maintenance	80.28			
Structural Pest Control	55.91			
Chemical Total	136.19			
<b>PETROLEUM DISTILLATES, REFINED</b>				
Grape, Wine	111.82	7	13.16	A
Chemical Total	111.82	7		
<b>PHENOTHHRIN</b>				
Structural Pest Control	0.04			
Chemical Total	0.04			



Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>PHENYLETHYL PROPIONATE</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>PHOSPHORIC ACID</b>				
Forest, Timberland	82.23	56	1,325.14	A
Landscape Maintenance	7.27			
Rangeland	2.34	1	100.00	A
Rights Of Way	4.68			
Chemical Total	96.52	57		
<b>PIPERONYL BUTOXIDE</b>				
Structural Pest Control	10.15			
Chemical Total	10.15			
<b>PIPERONYL BUTOXIDE, OTHER RELATED</b>				
Structural Pest Control	0.46			
Chemical Total	0.46			
<b>POLYACRYLAMIDE POLYMER</b>				
Rangeland	0.76	1	100.00	A
Rights Of Way	3.30			
Chemical Total	4.05	1		
<b>POLYACRYLIC POLYMER</b>				
Forest, Timberland	3.41	55	1,250.14	A
Landscape Maintenance	0.60			
Chemical Total	4.02	55		
<b>POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE</b>				
Forest, Timberland	19.75	45	900.00	A
Chemical Total	19.75	45		
<b>POLYBUTENES</b>				
Apple	1.28	1	18.00	A
Chemical Total	1.28	1		
<b>POLYETHYLENE GLYCOL DIACETATE</b>				
Rights Of Way	0.09			
Chemical Total	0.09			
<b>POLYETHYLENE GLYCOL STEARATE</b>				
Landscape Maintenance	4.29			
Rights Of Way	0.06			
Chemical Total	4.35			
<b>POLYOXYETHYLENE DIOLEATE</b>				
Landscape Maintenance	2.41			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	2.87			
Chemical Total	5.29			
<b>POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER</b>				
Grape, Wine	0.15	1	4.00	A
Chemical Total	0.15	1		
<b>POLYOXYETHYLENE SORBITAN MONOOLEATE</b>				
Landscape Maintenance	0.69			
Rights Of Way	0.82			
Chemical Total	1.51			
<b>POLYOXYETHYLENE SORBITAN TRIOLEATE</b>				
Rights Of Way	0.36			
Chemical Total	0.36			
<b>POLYSILOXANE</b>				
Landscape Maintenance	0.14			
Chemical Total	0.14			
<b>POTASH SOAP</b>				
Apple	17.89	7	7.00	A
Tomato	10.10	14	72,200.00	S
Chemical Total	27.99	21		
<b>POTASSIUM BICARBONATE</b>				
Grape	6.15	1	0.50	A
Grape, Wine	19.68	4	11.00	A
Tomato	6.74	10	42,400.00	S
Vegetable	0.23	1	1,500.00	S
Chemical Total	32.80	16		
<b>POTASSIUM PHOSPHITE</b>				
Grape, Wine	41.73	3	12.00	A
Chemical Total	41.73	3		
<b>PRALLETHRIN</b>				
Structural Pest Control	0.15			
Chemical Total	0.15			
<b>PROPICONAZOLE</b>				
Landscape Maintenance	1.08			
Chemical Total	1.08			
<b>PROPYLENE GLYCOL</b>				
Rights Of Way	18.61			
Chemical Total	18.61			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>PYRACLOSTROBIN</b>				
Grape	0.38	1	6.00	A
Grape, Wine	2.05	6	23.50	A
Chemical Total	2.44	7		
<b>PYRAFLUFEN-ETHYL</b>				
Landscape Maintenance	0.25			
Structural Pest Control	< 0.01			
Chemical Total	0.25			
<b>PYRETHRINS</b>				
Structural Pest Control	1.28			
Chemical Total	1.28			
<b>PYRIPROXYFEN</b>				
Structural Pest Control	0.08			
Chemical Total	0.08			
<b>QUINCLORAC, DIMETHYLAMINE SALT</b>				
Landscape Maintenance	2.00			
Chemical Total	2.00			
<b>QUINOXYFEN</b>				
Grape, Wine	3.88	7	84.50	A
Chemical Total	3.88	7		
<b>REYNOUTRIA SACHALINENSIS</b>				
Tomato	0.23	4	25,200.00	S
Chemical Total	0.23	4		
<b>RIMSULFURON</b>				
Grape, Wine	0.13	1	2.50	A
Regulatory Pest Control	0.54			
Rights Of Way	0.34			
Chemical Total	1.00	1		
<b>SILICA AEROGEL</b>				
Structural Pest Control	2.89			
Chemical Total	2.89			
<b>SILICONE DEFOAMER</b>				
Landscape Maintenance	0.08			
Chemical Total	0.08			
<b>SODIUM DECYL SULFATE</b>				
Rights Of Way	0.76			
Chemical Total	0.76			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>SODIUM DIISOCTYLSULFOSUCCINATE</b>				
Rangeland	0.73	1	523.00	A
Chemical Total	0.73	1		
<b>SODIUM HYDROXIDE</b>				
Rangeland	4.13	1	100.00	A
Rights Of Way	8.25			
Chemical Total	12.38	1		
<b>SODIUM LAUROAMPHO ACETATE</b>				
Rights Of Way	0.57			
Chemical Total	0.57			
<b>SODIUM LAURYL SULFATE</b>				
Rights Of Way	0.39			
Chemical Total	0.39			
<b>SODIUM ALPHA-OLEFIN (C14-C16) SULFONATE</b>				
Rights Of Way	23.29			
Chemical Total	23.29			
<b>SODIUM XYLENE SULFONATE</b>				
Landscape Maintenance	0.92			
Rangeland	15.75	1	523.00	A
Chemical Total	16.66	1		
<b>SPINOSAD</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>STREPTOMYCES GRISEOVIRIDIS STRAIN K61</b>				
Tomato	0.01	3	21,600.00	S
Chemical Total	0.01	3		
<b>STRYCHNINE</b>				
Landscape Maintenance	0.01			
Structural Pest Control	0.02			
Chemical Total	0.03			
<b>SULFENTRAZONE</b>				
Landscape Maintenance	2.04			
Rights Of Way	8.34			
Chemical Total	10.38			
<b>SULFOMETURON-METHYL</b>				
Landscape Maintenance	23.51			
Rights Of Way	3.89			
Chemical Total	27.40			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
<b>SULFUR</b>				
Grape	14.40	1	6.00	A
Grape, Wine	225.00	15	97.00	A
Chemical Total	239.40	16		
<b>SULFURYL FLUORIDE</b>				
Structural Pest Control	225.55			
Chemical Total	225.55			
<b>TALL OIL</b>				
Landscape Maintenance	23.82			
Rights Of Way	0.99			
Chemical Total	24.81			
<b>TALL OIL FATTY ACIDS</b>				
Grape, Wine	< 0.01	1	2.50	A
Rights Of Way	14.32			
Chemical Total	14.33	1		
<b>TEBUCONAZOLE</b>				
Grape, Wine	0.45	1	4.00	A
Landscape Maintenance	3.15			
Chemical Total	3.60	1		
<b>TETRAMETHRIN</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Landscape Maintenance	3.50			
Chemical Total	3.50			
<b>TETRAPOTASSIUM PYROPHOSPHATE</b>				
Landscape Maintenance	0.46			
Chemical Total	0.46			
<b>THIAMETHOXAM</b>				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
<b>THIENCARBAZONE-METHYL</b>				
Rights Of Way	< 0.01			
Chemical Total	< 0.01			
<b>THYME OIL</b>				
Structural Pest Control	0.01			

Department of Pesticide Regulation  
2018 Annual Pesticide Use Report Indexed by Chemical  
Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.01			
<b>TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2</b>				
Tomato	< 0.01	1	9,000.00	S
Vegetable	< 0.01	1	10,000.00	S
Chemical Total	< 0.01	2		
<b>TRICHODERMA VIRENS STRAIN G-41</b>				
Tomato	< 0.01	1	9,000.00	S
Vegetable	< 0.01	1	10,000.00	S
Chemical Total	< 0.01	2		
<b>TRICLOPYR, BUTOXYETHYL ESTER</b>				
Landscape Maintenance	11.10			
Pastureland	1.41	2	40.00	A
Rangeland	15.03	3	60.00	A
Rights Of Way	58.98			
Chemical Total	86.53	5		
<b>TRICLOPYR, TRIETHYLAMINE SALT</b>				
Forest, Timberland	518.81	12	321.30	A
Landscape Maintenance	64.16			
Pastureland	0.80	1	5.00	A
Rangeland	0.65		5.00	A
Rights Of Way	198.07			
Chemical Total	782.48	13		
<b>ALPHA-TRIDECYL-OMEGA-HYDROXPOLY(OXYETHANOL) PHOSPHATE</b>				
Landscape Maintenance	< 0.01			
Rights Of Way	4.47			
Chemical Total	4.47			
<b>TRIETHANOLAMINE</b>				
Landscape Maintenance	1.17			
Chemical Total	1.17			
<b>TRIFLURALIN</b>				
Landscape Maintenance	3.83			
Rights Of Way	0.36			
Structural Pest Control	0.24			
Chemical Total	4.43			
<b>TRINEXAPAC-ETHYL</b>				
Landscape Maintenance	1.51			
Chemical Total	1.51			
<b>TRITICONAZOLE</b>				
Landscape Maintenance	1.10			

Department of Pesticide Regulation  
 2018 Annual Pesticide Use Report Indexed by Chemical  
 Tuolumne County

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	1.10			
<b>ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)</b>				
Forest, Timberland	64.84	6	430.00	A
Rights Of Way	4.58			
Chemical Total	69.42	6		
<b>UREA DIHYDROGEN SULFATE</b>				
Landscape Maintenance	< 0.01			
Rights Of Way	34.88			
Chemical Total	34.88			
<b>(S)-VERBENONE</b>				
Landscape Maintenance	1.16			
Chemical Total	1.16			
<b>ZINC PHOSPHIDE</b>				
Landscape Maintenance	0.10			
Structural Pest Control	0.22			
Chemical Total	0.32			
Tuolumne County Total	39,876.30	864		