

Department of Pesticide Regulation
2016 Annual Pesticide Use Report Indexed by Chemical
Mendocino 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

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN				
Grape, Wine	16.85	57	1,106.17	A
Pear	28.81	35	1,296.75	A
Strawberry	0.09	2	12.00	A
Structural Pest Control	0.02			
Chemical Total	45.77	94		
ACEPHATE				
N-Outdr Plants In Containers	0.28	1	4,000.00	S
Structural Pest Control	0.46			
Chemical Total	0.74	1		
ACETAMIPRID				
Grape, Wine	1.73	5	35.91	A
N-Grnhs Plants In Containers	0.18	3	36,000.00	S
Structural Pest Control	0.03			
Chemical Total	1.94	8		
ALPHA-ALKYLARYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	52.51	7	588.00	A
Chemical Total	52.51	7		
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	905.34	428	9,948.71	A
Landscape Maintenance	0.75			
Pear	11.48	10	173.13	A
Chemical Total	917.58	438		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Forest, Timberland	135.70	9	530.00	A
Pear	6.34	1	30.00	A
Chemical Total	142.04	10		
ALPHA-PINENE BETA-PINENE COPOLYMER				
Grape, Wine	132.64	22	641.89	A
Landscape Maintenance	1.71			
Chemical Total	134.35	22		
ALKYL (C8,C10) POLYGLUCOSIDE				
Grape, Wine	274.83	76	1,248.32	A
Landscape Maintenance	4.16			
Pear	10.80	5	49.95	A
Rights Of Way	9.29			
Chemical Total	299.08	81		
D-TRANS ALLETHRIN				
Structural Pest Control	0.07			
Chemical Total	0.07			
ALUMINUM SULFATE				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	301.76	29	150.88	A
Chemical Total	301.76	29		
AMINOPYRALID, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	1.54			
Rights Of Way	10.37			
Chemical Total	11.91			
AMMONIUM NITRATE				
Grape, Wine	291.76	134	2,719.08	A
Landscape Maintenance	4.16			
Pear	10.80	5	49.95	A
Rights Of Way	9.29			
Chemical Total	316.01	139		
AMMONIUM PROPIONATE				
Grape, Wine	76.96	51	688.69	A
Pear	17.25	7	134.13	A
Uncultivated Non-Ag	0.36	1	2.78	A
Chemical Total	94.58	59		
AMMONIUM SULFATE				
Grape, Wine	727.88	190	3,453.62	A
Landscape Maintenance	4.16			
Pear	15.13	12	184.08	A
Rights Of Way	9.30			
Uncultivated Non-Ag	0.09	1	2.78	A
Chemical Total	756.57	203		
PARA-TERT-AMYLPHENOL				
Grape, Wine	< 0.01	1	23.00	A
Chemical Total	< 0.01	1		
ATRAZINE				
Rangeland	0.24	1	5.00	A
Chemical Total	0.24	1		
ATRAZINE, OTHER RELATED				
Rangeland	< 0.01	1	5.00	A
Chemical Total	< 0.01	1		
AUREOBASIDIUM PULLULANS STRAIN DSM 14940				
Pear	7.87	2	30.50	A
Chemical Total	7.87	2		
AUREOBASIDIUM PULLULANS STRAIN DSM 14941				
Pear	7.87	2	30.50	A
Chemical Total	7.87	2		

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AZADIRACTIN				
Hemp/Cannabis	< 0.01	3	0.22	A
Landscape Maintenance	0.11			
Chemical Total	0.11	3		
AZOXYSTROBIN				
Grape, Wine	49.42	8	232.50	A
Chemical Total	49.42	8		
BACILLUS PUMILUS, STRAIN QST 2808				
Grape, Wine	3.21	7	52.26	A
Chemical Total	3.21	7		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1				
Grape, Wine	2.12	1	20.60	A
Chemical Total	2.12	1		
BENZOIC ACID				
Grape, Wine	3.21	37	934.38	A
Landscape Maintenance	0.01			
Rights Of Way	0.21			
Chemical Total	3.44	37		
BIFENAZATE				
Apple	0.50	1	1.00	A
Grape, Wine	292.91	36	599.61	A
Pear	216.00	13	472.25	A
Chemical Total	509.41	50		
BIFENTHRIN				
Structural Pest Control	25.13			
Chemical Total	25.13			
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOO FATTY ACIDS				
Grape, Wine	9.00	19	508.89	A
Landscape Maintenance	0.07			
Chemical Total	9.08	19		
BORAX				
Rights Of Way	1,377.74			
Structural Pest Control	0.93			
Chemical Total	1,378.67			
BORIC ACID				
Grape, Wine	2.24	1	3.50	A
Structural Pest Control	10.20			
Chemical Total	12.44	1		

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BOSCALID				
Grape, Wine	1,540.67	248	6,578.87	A
Chemical Total	1,540.67	248		
BRODIFACOUM				
Structural Pest Control	0.01			
Chemical Total	0.01			
BROMACIL				
Grape, Wine	0.02	2	2.65	A
Rights Of Way	15.60			
Chemical Total	15.62	2		
BROMADIOLONE				
Structural Pest Control	0.03			
Vertebrate Control	< 0.01			
Chemical Total	0.03			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN				
Water (Industrial)	27.10		1.00	A
Chemical Total	27.10			
BUTYL ALCOHOL				
Grape, Wine	9.54	16	427.40	A
Chemical Total	9.54	16		
CADMIUM CHLORIDE				
Landscape Maintenance	1.01			
Chemical Total	1.01			
CALCIUM CHLORIDE				
Grape, Wine	26.03	10	570.94	A
Chemical Total	26.03	10		
CAPRIC ACID				
Grape, Wine	265.32	11	112.55	A
Chemical Total	265.32	11		
CAPRYLIC ACID				
Grape, Wine	389.69	11	112.55	A
Chemical Total	389.69	11		
CAPTAN				
Grape, Wine	48.90	1	2.00	A
Chemical Total	48.90	1		
CAPTAN, OTHER RELATED				
Grape, Wine	1.10	1	2.00	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	1.10	1		
CARBARYL				
Landscape Maintenance	17.84			
Chemical Total	17.84			
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT				
Grape, Wine	0.44	7	179.72	A
Chemical Total	0.44	7		
CARFENTRAZONE-ETHYL				
Grape, Wine	14.85	38	916.29	A
Landscape Maintenance	0.12			
Chemical Total	14.98	38		
CHLORANTRANILIPROLE				
Apple	0.26	3	3.00	A
Landscape Maintenance	0.41			
Pear	3.93	2	40.00	A
Structural Pest Control	0.45			
Chemical Total	5.05	5		
CHLORFENAPYR				
Structural Pest Control	42.52			
Chemical Total	42.52			
CHLORMEQUAT CHLORIDE				
N-Grnhs Plants In Containers	0.01	2	300.00	S
Chemical Total	0.01	2		
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Lumber, Treated	513.58		1,091,837.00	U
Chemical Total	513.58			
CHLOROPICRIN				
Structural Pest Control	0.74			
Chemical Total	0.74			
CHLOROTHALONIL				
Golf Course Turf	15.07		75,000.00	S
Landscape Maintenance	20.55			
Chemical Total	35.62			
CHLORSULFURON				
Landscape Maintenance	0.34			
Rights Of Way	0.69			
Chemical Total	1.03			
CHOLECALCIFEROL				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	0.38			
Chemical Total	0.38			
CITRIC ACID				
Grape, Wine	110.94	63	1,275.63	A
Pear	8.63	7	134.13	A
Uncultivated Non-Ag	0.18	1	2.78	A
Chemical Total	119.75	71		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
Hemp/Cannabis	4.52			
N-Outdr Flower	0.09	1	1,000.00	S
Chemical Total	4.61	1		
CLETHODIM				
Alfalfa	6.58	1	60.00	A
Chemical Total	6.58	1		
CLOPYRALID, MONOETHANOLAMINE SALT				
Forest, Timberland	3.40	4	21.00	A
Landscape Maintenance	0.28			
Regulatory Pest Control	0.20			
Rights Of Way	0.03			
Chemical Total	3.92	4		
CLOTHIANIDIN				
Golf Course Turf	0.15		75,000.00	S
Structural Pest Control	0.03			
Chemical Total	0.18			
CODLING MOTH GRANULOSIS VIRUS				
Pear	< 0.01	4	56.00	A
Chemical Total	< 0.01	4		
COPPER				
Grape, Wine	0.25	1	3.50	A
Lumber, Treated	19,170.08		8,994,191.00	U
Chemical Total	19,170.33	1		
COPPER AMMONIUM CARBONATE				
Lumber, Treated	126,173.26		8,994,191.00	U
Chemical Total	126,173.26			
COPPER AMMONIUM COMPLEX				
N-Outdr Flower	0.10	1	650.00	S
Chemical Total	0.10	1		
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Lumber, Treated	130,414.94		1,091,837.00	U

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	130,414.94			
COPPER ETHYLENEDIAMINE COMPLEX				
Rights Of Way	402.44			
Chemical Total	402.44			
COPPER HYDROXIDE				
Apple	5.26	6	6.00	A
Grape, Wine	1,929.90	316	7,291.62	A
Peach	10.54	6	12.00	A
Pear	396.74	38	682.00	A
Rights Of Way	98.18			
Walnut	5.69	10	6.25	A
Chemical Total	2,446.31	376		
COPPER NAPHTHENATE				
Structural Pest Control	5.32			
Chemical Total	5.32			
COPPER OXIDE (OUS)				
Apple	15.21	2	4.50	A
Grape, Wine	606.27	33	746.33	A
Pear	396.43	3	98.00	A
Chemical Total	1,017.91	38		
COPPER OXYCHLORIDE				
Apple	5.83	6	6.00	A
Grape, Wine	2,782.73	323	7,558.63	A
Peach	11.69	6	12.00	A
Pear	2,944.07	54	1,385.25	A
Walnut	6.30	10	6.25	A
Chemical Total	5,750.62	399		
COPPER SULFATE (BASIC)				
Grape, Wine	155.53	20	543.70	A
Pear	457.60	17	717.25	A
Chemical Total	613.12	37		
COPPER TRIETHANOLAMINE COMPLEX				
Rights Of Way	454.27			
Chemical Total	454.27			
CYFLUFENAMID				
Grape, Wine	12.38	36	551.30	A
Chemical Total	12.38	36		
CYFLUMETOFEN				
Grape, Wine	256.69	54	1,539.70	A
Pear	63.97	14	350.00	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	320.66	68		
CYFLUTHRIN				
Structural Pest Control	51.10			
Chemical Total	51.10			
BETA-CYFLUTHRIN				
Structural Pest Control	115.25			
Chemical Total	115.25			
CYPERMETHRIN				
Structural Pest Control	92.27			
Chemical Total	92.27			
(S)-CYPERMETHRIN				
Structural Pest Control	0.02			
Chemical Total	0.02			
CYPRODINIL				
Grape, Wine	986.30	165	5,161.72	A
Pear	212.21	39	1,454.00	A
Chemical Total	1,198.50	204		
2,4-D				
Landscape Maintenance	0.81			
Chemical Total	0.81			
2,4-D, BUTOXYETHANOL ESTER				
Pastureland	0.69	1	20.00	A
Chemical Total	0.69	1		
2,4-D, DIMETHYLAMINE SALT				
Forage Hay/Silage	43.61	1	23.75	A
Oat	1.09	1	17.00	A
Pastureland	112.29	4	97.00	A
Rights Of Way	0.02	1	2.00	A
Chemical Total	157.00	7		
2,4-D, 2-ETHYLHEXYL ESTER				
Landscape Maintenance	1.31			
Chemical Total	1.31			
2,4-D, ISOOCTYL ESTER				
Grape, Wine	0.04	2	2.65	A
Chemical Total	0.04	2		
DAMINOZIDE				
N-Grnhs Plants In Containers	1.09	23	11,100.00	S

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	1.09	23		
DELTA METHRIN				
Structural Pest Control	177.42			
Chemical Total	177.42			
DIATOMACEOUS EARTH				
Structural Pest Control	5.40			
Chemical Total	5.40			
DIAZINON				
Pear	88.75	1	71.00	A
Chemical Total	88.75	1		
2,2-DIBROMO-3-NITRILOPROPIONAMIDE				
Structural Pest Control	2.85			
Chemical Total	2.85			
DICAMBA				
Landscape Maintenance	0.11			
Chemical Total	0.11			
DICAMBA, DIMETHYLAMINE SALT				
Landscape Maintenance	0.04			
Rights Of Way	< 0.01	1	2.00	A
Chemical Total	0.04	1		
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN				
Water (Industrial)	14.45		1.00	A
Chemical Total	14.45			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN				
Water (Industrial)	7.95		1.00	A
Chemical Total	7.95			
DIDECYL DIMETHYL AMMONIUM BICARBONATE				
Lumber, Treated	27,200.01		8,504,196.00	U
Chemical Total	27,200.01			
DIDECYL DIMETHYL AMMONIUM CARBONATE				
Lumber, Treated	27,200.01		8,504,196.00	U
Chemical Total	27,200.01			
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Lumber, Treated	2,430.71		489,995.00	U
Chemical Total	2,430.71			
DIETHYLENE GLYCOL				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Forest, Timberland	19.08	19	1,088.00	A
Grape, Wine	10.05	17	275.84	A
Rights Of Way	0.08			
Chemical Total	29.21	36		
DIFENOCONAZOLE				
Grape, Wine	172.42	133	3,867.40	A
Pear	53.46	27	1,079.50	A
Chemical Total	225.89	160		
DIFETHIALONE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
DIFLUBENZURON				
Pear	13.74	5	109.00	A
Structural Pest Control	< 0.01			
Chemical Total	13.74	5		
DIKEGULAC SODIUM				
Landscape Maintenance	0.48			
Chemical Total	0.48			
DIMETHYL ALKYL TERTIARY AMINES				
Grape, Wine	3.51	37	934.38	A
Landscape Maintenance	0.01			
Rights Of Way	0.23			
Chemical Total	3.76	37		
3,7-DIMETHYL-6-OCTEN-1-OL				
Grape, Wine	6.17	17	375.38	A
Chemical Total	6.17	17		
DIMETHYLPOLYSILOXANE				
Forest, Timberland	0.42	19	1,088.00	A
Grape, Wine	1,024.74	268	6,308.69	A
Pear	42.69	6	221.00	A
Rights Of Way	< 0.01			
Uncultivated Ag	0.16	1	25.00	A
Chemical Total	1,068.02	294		
DINOTEFURAN				
Grape, Wine	0.46	1	3.50	A
Structural Pest Control	0.10			
Chemical Total	0.56	1		
DIPHACINONE, SODIUM SALT				
Structural Pest Control	< 0.01			
Vertebrate Control	< 0.01			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	< 0.01			
DIQUAT DIBROMIDE				
Landscape Maintenance	5.26			
Water Area	195.78	2	26.00	A
Chemical Total	201.03	2		
DISODIUM OCTABORATE TETRAHYDRATE				
Structural Pest Control	2,970.43			
Chemical Total	2,970.43			
DITHIOPYR				
Landscape Maintenance	3.93			
Chemical Total	3.93			
DIURON				
Grape, Wine	13.60	4	18.00	A
Landscape Maintenance	7.20			
Rights Of Way	15.60			
Chemical Total	36.40	4		
E,E-8,10-DODECADIEN-1-OL				
Pear	58.98	14	539.00	A
Chemical Total	58.98	14		
Z-8-DODECENOL				
Pear	0.29	7	351.00	A
Chemical Total	0.29	7		
E-8-DODECENYL ACETATE				
Pear	1.67	7	351.00	A
Chemical Total	1.67	7		
Z-8-DODECENYL ACETATE				
Pear	25.33	7	351.00	A
Chemical Total	25.33	7		
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	2.96	6	220.00	A
Chemical Total	2.96	6		
DODINE				
Pear	935.51	19	785.25	A
Chemical Total	935.51	19		
EMULSIFIABLE METHYLATED VEGETABLE OIL				
Landscape Maintenance	3.01			
Chemical Total	3.01			

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ENDOTHALL, DIPOTASSIUM SALT				
Water Area	5.08	1	1.20	U
Chemical Total	5.08	1		
ESFENVALERATE				
Pear	65.37	27	916.75	A
Structural Pest Control	0.27			
Chemical Total	65.64	27		
ETOFENPROX				
Structural Pest Control	0.07			
Chemical Total	0.07			
ETHYL ALCOHOL				
Grape, Wine	10.44	1	23.00	A
Chemical Total	10.44	1		
ETHYLENE GLYCOL				
Grape, Wine	59.46	3	91.00	A
Chemical Total	59.46	3		
ETOXAZOLE				
Grape, Wine	50.32	10	392.18	A
Pear	12.55	3	90.00	A
Chemical Total	62.87	13		
FARNESOL				
Grape, Wine	2.47	17	375.38	A
Chemical Total	2.47	17		
FATTY ACIDS, METHYL ESTERS				
Grape, Wine	30.68	8	35.29	A
Chemical Total	30.68	8		
FATTY ACIDS, MIXED				
Forest, Timberland	33.98	19	1,088.00	A
Grape, Wine	33.49	88	1,477.12	A
Pear	3.83	16	468.03	A
Rights Of Way	0.14			
Chemical Total	71.44	123		
FATTY ACIDS, C16-18 AND C18-UNSATURATED, BRANCHED AND LINEAR				
Grape, Wine	1.54	5	62.00	A
Chemical Total	1.54	5		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
Grape, Wine	18.38	3	87.00	A
Chemical Total	18.38	3		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FENHEXAMID				
Grape, Wine	902.90	68	1,821.62	A
Chemical Total	902.90	68		
FENPROPATHRIN				
Grape, Wine	9.15	2	32.00	A
Olive	0.31	1	1.50	A
Pear	3.13	1	8.00	A
Chemical Total	12.59	4		
FENPYROXIMATE				
Grape, Wine	0.43	1	20.00	A
Chemical Total	0.43	1		
FIPRONIL				
Structural Pest Control	77.12			
Chemical Total	77.12			
FLUMIOXAZIN				
Grape, Wine	877.29	225	4,108.68	A
Pear	53.96	10	154.95	A
Rights Of Way	2.22			
Chemical Total	933.46	235		
FLUOPYRAM				
Grape, Wine	300.72	87	2,877.55	A
Chemical Total	300.72	87		
FLUTRIAFOL				
Grape, Wine	7.56	2	94.10	A
Chemical Total	7.56	2		
FORCHLORFENURON				
Grape, Wine	0.11	2	25.73	A
Chemical Total	0.11	2		
GAMMA-CYHALOTHRIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
GERANIOL				
Grape, Wine	6.17	17	375.38	A
Chemical Total	6.17	17		
GLUFOSINATE-AMMONIUM				
Grape, Wine	911.56	80	1,837.71	A
Chemical Total	911.56	80		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
GLYCEROL				
Grape, Wine	48.65	7	78.00	A
Chemical Total	48.65	7		
GLYPHOSATE, DIMETHYLAMINE SALT				
Forest, Timberland	296.91	1	65.00	A
Chemical Total	296.91	1		
GLYPHOSATE, ISOPROPYLAMINE SALT				
Forest, Timberland	1,545.88	57	2,222.50	A
Grape, Wine	2,291.52	114	1,790.05	A
Landscape Maintenance	328.28			
	29.91	2	30.00	A
Total Pounds On This Commodity	358.18			
Pear	96.33	5	49.95	A
Regulatory Pest Control	23.34			
Rights Of Way	176.46			
Strawberry	17.50	3	14.00	A
Uncultivated Non-Ag	40.09	1	10.00	A
Chemical Total	4,549.31	182		
GLYPHOSATE, MONOAMMONIUM SALT				
Landscape Maintenance	34.77			
Chemical Total	34.77			
GLYPHOSATE, POTASSIUM SALT				
Alfalfa	391.69	2	120.00	A
Grape, Wine	14,698.24	550	9,793.12	A
Olive	2.72	1	1.50	A
Peach	0.93	1	0.29	A
Pear	2,200.08	45	1,220.16	A
Rangeland	4.94	25	8.87	A
Rights Of Way	30.82			
	4.53	1	2.50	A
Total Pounds On This Commodity	35.34			
Uncultivated Ag	16.55	1	25.00	A
Uncultivated Non-Ag	7.67	1	2.78	A
Walnut	0.94	2	0.30	A
Chemical Total	17,359.09	629		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Grape, Wine	8.05	38	986.61	A
Chemical Total	8.05	38		
HYDRAMETHYLNON				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
HYDROGEN PEROXIDE				
Grape, Wine	70.96	5	30.00	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	70.96	5		
HYDROPRENE				
Structural Pest Control	4.68			
Chemical Total	4.68			
HYDROTREATED PARAFFINIC SOLVENT				
Pear	2.03	1	30.00	A
Chemical Total	2.03	1		
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
Grape, Wine	579.33	80	2,914.03	A
Rights Of Way	0.83			
Chemical Total	580.16	80		
IMAZAPYR, ISOPROPYLAMINE SALT				
Forest, Timberland	3,720.08	194	6,136.75	A
Landscape Maintenance	9.93			
Rights Of Way	52.70			
Chemical Total	3,782.71	194		
IMAZETHAPYR, AMMONIUM SALT				
Alfalfa	5.39	1	60.00	A
Chemical Total	5.39	1		
IMIDACLOPRID				
Apple	0.25	1	1.00	A
Grape, Wine	478.27	131	2,923.04	A
Landscape Maintenance	1.26			
N-Grnhs Plants In Containers	0.11	7	1,525.00	S
Pear	37.54	7	153.00	A
Structural Pest Control	242.24			
Chemical Total	759.65	146		
INDAZIFLAM				
Grape, Wine	50.03	133	1,347.66	A
Olive	0.08	1	1.50	A
Pear	6.87	8	116.93	A
Uncultivated Non-Ag	0.18	1	2.78	A
Chemical Total	57.16	143		
INDOXACARB				
Structural Pest Control	8.07			
Chemical Total	8.07			
IPIODIONE				
Golf Course Turf	1.28		75,000.00	S
Chemical Total	1.28			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
IRON PHOSPHATE				
Landscape Maintenance	18.00			
Structural Pest Control	< 0.01			
Chemical Total	18.01			
ISOPROPYL ALCOHOL				
Grape, Wine	14.22	16	343.55	A
Pear	1.57	1	60.00	A
Chemical Total	15.79	17		
ISOXABEN				
Grape, Wine	67.30	16	180.12	A
Landscape Maintenance	3.26			
Chemical Total	70.55	16		
KAOLIN				
Grape, Wine	1,693.62	8	100.02	A
Olive	17.81	1	1.50	A
Chemical Total	1,711.43	9		
KEROSENE				
Rights Of Way	0.41			
Chemical Total	0.41			
(S)-KINOPRENE				
N-Grnhs Plants In Containers	0.39	2	24,000.00	S
Chemical Total	0.39	2		
KRESOXIM-METHYL				
Grape, Wine	112.72	35	755.08	A
Pear	37.50	3	190.00	A
Chemical Total	150.22	38		
LAMBDA-CYHALOTHRIN				
N-Grnhs Flower	0.09		71,000.00	S
Structural Pest Control	42.53			
Chemical Total	42.62			
LAURYL ALCOHOL				
Pear	17.85	13	389.00	A
Chemical Total	17.85	13		
LECITHIN				
Forest, Timberland	135.70	9	530.00	A
Grape, Wine	478.94	169	1,838.24	A
Pear	95.74	17	498.03	A
Uncultivated Ag	3.87	1	25.00	A
Uncultivated Non-Ag	0.40	1	2.78	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	714.65	197		
LIME-SULFUR				
Apple	609.88	28	119.50	A
Grape, Wine	1,025.34	5	59.00	A
Pear	5,343.62	9	152.75	A
Chemical Total	6,978.84	42		
LIMONENE				
Structural Pest Control	44.01			
Chemical Total	44.01			
MANCOZEB				
Grape, Wine	6,340.19	69	4,251.02	A
Pear	14,842.10	104	3,651.00	A
Chemical Total	21,182.29	173		
MCPA, DIMETHYLAMINE SALT				
Landscape Maintenance	0.42			
Chemical Total	0.42			
MCPP				
Landscape Maintenance	0.17			
Chemical Total	0.17			
MECOPROP-P				
Landscape Maintenance	0.48			
Chemical Total	0.48			
MEFENOXAM				
N-Grnhs Plants In Containers	0.05	8	4,850.00	S
Chemical Total	0.05	8		
MEFENOXAM, OTHER RELATED				
N-Grnhs Plants In Containers	< 0.01	7	3,950.00	S
Chemical Total	< 0.01	7		
METAM-SODIUM				
Rights Of Way	746.45			
Chemical Total	746.45			
METHOPRENE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
S-METHOPRENE				
Structural Pest Control	0.09			
Chemical Total	0.09			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
METHOXYFENOZIDE				
Pear	57.00	8	199.00	A
Chemical Total	57.00	8		
METHYL ANTHRANILATE				
Grape, Wine	0.41	1	1.00	A
Chemical Total	0.41	1		
METHYLATED SOYBEAN OIL				
Forest, Timberland	753.76	17	906.00	A
Grape, Wine	180.39	135	1,571.34	A
Landscape Maintenance	0.43			
Rights Of Way	26.10			
Uncultivated Ag	1.94	1	25.00	A
Chemical Total	962.62	153		
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Lumber, Treated	182.72		1,091,837.00	U
Chemical Total	182.72			
METHYL SILICONE RESINS				
Grape, Wine	0.62	11	206.65	A
Chemical Total	0.62	11		
METOFLUTHRIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
METRAFENONE				
Grape, Wine	378.40	100	1,461.18	A
Chemical Total	378.40	100		
MINERAL OIL				
Apple	928.91	24	90.50	A
Grape, Wine	33,843.79	209	6,664.36	A
Landscape Maintenance	0.60			
Pear	70,662.26	63	2,218.75	A
Chemical Total	105,435.56	296		
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN				
Grape, Wine	20.32	2	88.10	A
Pear	442.55	38	1,524.00	A
Chemical Total	462.87	40		
MUSCALURE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MYCLOBUTANIL				
Apple	8.46	14	65.25	A
Grape, Wine	551.88	183	4,566.48	A
Chemical Total	560.34	197		
MYRISTYL ALCOHOL				
Pear	3.63	13	389.00	A
Chemical Total	3.63	13		
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255				
Grape, Wine	211.50	2	23.60	A
Chemical Total	211.50	2		
NAA, POTASSIUM SALT				
Pear	131.47	37	1,281.25	A
Chemical Total	131.47	37		
NEROLIDOL				
Grape, Wine	6.17	17	375.38	A
Chemical Total	6.17	17		
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED				
Grape, Wine	4.60	3	87.00	A
Pear	6.08	1	30.00	A
Chemical Total	10.68	4		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Forest, Timberland	183.77	36	1,994.00	A
Grape, Wine	349.13	177	3,392.99	A
Pear	48.76	18	558.03	A
Rangeland	0.09	2	3.25	A
Rights Of Way	3.51			
Uncultivated Non-Ag	0.11	1	2.78	A
Chemical Total	585.39	234		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Grape, Wine	108.70	149	1,325.65	A
Pear	12.51	7	134.13	A
Uncultivated Ag	1.94	1	25.00	A
Uncultivated Non-Ag	0.09	1	2.78	A
Chemical Total	123.23	158		
NORFLURAZON				
Grape, Wine	1.60	1	6.00	A
Chemical Total	1.60	1		
NOVALURON				
Structural Pest Control	< 0.01			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	< 0.01			
NOVIFLUMURON				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
OCTHILINONE				
Lumber, Treated	2,378.91		1,091,837.00	U
Chemical Total	2,378.91			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Structural Pest Control	2.70			
Chemical Total	2.70			
ALPHA-OCTYLPHENYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Grape, Wine	19.90	1	118.70	A
Chemical Total	19.90	1		
OLEIC ACID				
Grape, Wine	5.74	3	87.00	A
Chemical Total	5.74	3		
OLEIC ACID, METHYL ESTER				
Forest, Timberland	633.29	9	530.00	A
Grape, Wine	225.29	26	761.68	A
Pear	29.59	1	30.00	A
Rights Of Way	2.49			
Chemical Total	890.65	36		
ORYZALIN				
Grape, Wine	13.00	3	7.00	A
Pear	187.21	1	60.00	A
Rangeland	0.39	1	0.25	A
Rights Of Way	1.04			
Chemical Total	201.64	5		
OXADIAZON				
Landscape Maintenance	7.60			
Chemical Total	7.60			
OXYFLUORFEN				
Grape, Wine	897.58	188	4,471.88	A
Pear	190.19	11	170.35	A
Rangeland	0.49	2	3.25	A
Uncultivated Ag	3.01	1	25.00	A
Uncultivated Non-Ag	0.39	1	2.78	A
Chemical Total	1,091.66	203		
OXYTETRACYCLINE, CALCIUM COMPLEX				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Pear	651.58	72	3,044.50	A
Chemical Total	651.58	72		
OXYTETRACYCLINE HYDROCHLORIDE				
Pear	413.15	72	2,688.50	A
Chemical Total	413.15	72		
OXYTETRACYCLINE HYDROCHLORIDE, OTHER RELATED				
Pear	3.84	72	2,688.50	A
Chemical Total	3.84	72		
PARAQUAT DICHLORIDE				
Grape, Wine	121.32	9	182.35	A
Chemical Total	121.32	9		
PCNB				
Golf Course Turf	188.40		150,000.00	S
Landscape Maintenance	39.53			
N-Grnhs Flower	349.20		66,000.00	S
Chemical Total	577.12			
PCP, OTHER RELATED				
Grape, Wine	< 0.01	2	2.65	A
Chemical Total	< 0.01	2		
PENDIMETHALIN				
Grape, Wine	875.93	31	548.62	A
Landscape Maintenance	21.80			
Chemical Total	897.73	31		
PENTACHLOROPHENOL				
Grape, Wine	0.03	2	2.65	A
Chemical Total	0.03	2		
PENTHIOPYRAD				
Golf Course Turf	0.69		75,000.00	S
Pear	42.67	4	164.00	A
Chemical Total	43.35	4		
PERMETHRIN				
Structural Pest Control	14.36			
Chemical Total	14.36			
PERMETHRIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PEROXYACETIC ACID				
Grape, Wine	5.24	5	30.00	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	5.24	5		
PETROLEUM DISTILLATES				
Rangeland	0.37	2	3.25	A
Rights Of Way	0.28			
Chemical Total	0.66	2		
PETROLEUM DISTILLATES, REFINED				
Apple	16.61	4	4.00	A
Grape, Wine	33,549.47	220	4,953.70	A
Peach	32.93	4	8.00	A
Walnut	20.83	8	5.00	A
Water Area	92.32	1	17.50	A
Chemical Total	33,712.16	237		
PETROLEUM OIL, PARAFFIN BASED				
Grape, Wine	131.78	29	171.23	A
Chemical Total	131.78	29		
PETROLEUM OIL, UNCLASSIFIED				
Grape, Wine	3.46	2	2.65	A
Pear	8,173.34	14	578.00	A
Chemical Total	8,176.80	16		
PHENOTHRIN				
Structural Pest Control	0.31			
Chemical Total	0.31			
PHENYLETHYL PROPIONATE				
Structural Pest Control	0.04			
Chemical Total	0.04			
ORTHO-PHENYLPHENOL				
Grape, Wine	0.03	1	23.00	A
Chemical Total	0.03	1		
PHOSPHORIC ACID				
Grape, Wine	0.25	2	16.00	A
Chemical Total	0.25	2		
PIPERONYL BUTOXIDE				
Landscape Maintenance	0.06			
Rights Of Way	0.12			
Structural Pest Control	51.40			
Chemical Total	51.59			
PIPERONYL BUTOXIDE, OTHER RELATED				
Landscape Maintenance	0.02			
Rights Of Way	0.03			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	8.27			
Chemical Total	8.32			
POLYACRYLAMIDE POLYMER				
Grape, Wine	0.08	2	16.00	A
Rights Of Way	0.03			
Chemical Total	0.11	2		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
Grape, Wine	8.17	14	279.53	A
Chemical Total	8.17	14		
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE				
Grape, Wine	5.33	27	546.71	A
Chemical Total	5.33	27		
POLYBUTENES				
Grape, Wine	3.83	3	87.00	A
Chemical Total	3.83	3		
POLYETHER MODIFIED POLYSILOXANE				
Grape, Wine	1,148.09	321	8,137.08	A
Pear	355.31	36	1,321.00	A
Chemical Total	1,503.40	357		
POLYETHYLENE GLYCOL				
Grape, Wine	13.07	39	1,004.61	A
Pear	9.94	1	60.00	A
Chemical Total	23.01	40		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER				
Grape, Wine	198.42	50	873.40	A
Chemical Total	198.42	50		
POLY-I-PARA-MENTHENE				
Grape, Wine	36.87	12	81.00	A
Chemical Total	36.87	12		
POLYMERIZED ACRYLIC ACID				
Grape, Wine	3.55	4	48.48	A
Chemical Total	3.55	4		
POLYOXIN D, ZINC SALT				
Golf Course Turf	0.28		75,000.00	S
Grape, Wine	5.08	4	118.61	A
Chemical Total	5.36	4		
POLYOXYETHYLENE SORBITOL, MIXED ETHER ESTER				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	26.99	29	171.23	A
Chemical Total	26.99	29		
POLYPROPYLENE GLYCOL				
Grape, Wine	0.74	11	206.65	A
Chemical Total	0.74	11		
POTASH SOAP				
Apple	8.59	3	33.00	A
Pear	0.78	3	3.00	A
Chemical Total	9.37	6		
POTASSIUM BICARBONATE				
Grape, Wine	3,298.62	88	1,390.89	A
Chemical Total	3,298.62	88		
POTASSIUM PHOSPHITE				
Grape, Wine	1,483.19	19	462.65	A
Chemical Total	1,483.19	19		
PRALLETHRIN				
Structural Pest Control	0.06			
Chemical Total	0.06			
PROPICONAZOLE				
Landscape Maintenance	3.27			
Lumber, Treated	927.00		1,091,837.00	U
N-Grnhs Flower	1.48		55,000.00	S
Chemical Total	931.75			
PROPIONIC ACID				
Grape, Wine	363.77	71	1,201.28	A
Pear	89.40	16	468.03	A
Uncultivated Non-Ag	0.40	1	2.78	A
Chemical Total	453.57	88		
PROPYLENE GLYCOL				
Grape, Wine	33.64	34	668.43	A
Chemical Total	33.64	34		
PYRACLOSTROBIN				
Grape, Wine	782.56	248	6,578.87	A
Chemical Total	782.56	248		
PYRAFLUFEN-ETHYL				
Grape, Wine	1.42	31	534.48	A
Chemical Total	1.42	31		
PYRETHRINS				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	25.98	37	665.21	A
Landscape Maintenance	< 0.01			
N-Outdr Flower	< 0.01	1	1,000.00	S
Rights Of Way	0.02			
Structural Pest Control	19.96			
Chemical Total	45.97	38		
PYRIMETHANIL				
Grape, Wine	57.89	1	96.68	A
Chemical Total	57.89	1		
PYRIPROXYFEN				
Structural Pest Control	0.10			
Chemical Total	0.10			
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
Grape, Wine	321.44	64	1,053.18	A
Chemical Total	321.44	64		
QUILLAJA				
Grape, Wine	0.91	7	179.72	A
Chemical Total	0.91	7		
QUINCLORAC				
Rights Of Way	< 0.01	1	2.00	A
Chemical Total	< 0.01	1		
QUINOXYFEN				
Grape, Wine	675.72	159	7,150.38	A
Chemical Total	675.72	159		
RESMETHRIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
REYNOUTRIA SACHALINENSIS				
Grape, Wine	194.79	44	844.98	A
Chemical Total	194.79	44		
RIMSULFURON				
Grape, Wine	19.98	73	700.80	A
Pear	2.92	3	46.73	A
Chemical Total	22.89	76		
SETHOXYDIM				
Grape, Wine	0.31	1	7.30	A
Pear	13.15	1	30.00	A
Rangeland	0.47	1	3.00	A
Chemical Total	13.93	3		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SILICA AEROGEL				
Structural Pest Control	1.33			
Chemical Total	1.33			
SILICONE				
Grape, Wine	2.47	9	460.00	A
Chemical Total	2.47	9		
SILICA FILLED POLYDIMETHYLSILOXANE				
Grape, Wine	0.05	4	49.81	A
Chemical Total	0.05	4		
SIMAZINE				
Grape, Wine	72.80	13	86.30	A
Pear	16.66	1	8.33	A
Structural Pest Control	4.01			
Chemical Total	93.47	14		
SODIUM DECYL SULFATE				
Structural Pest Control	1.12			
Chemical Total	1.12			
SODIUM DIISOCTYLSULFOSUCCINATE				
Grape, Wine	0.77	5	62.00	A
Chemical Total	0.77	5		
SODIUM HYDROXIDE				
Grape, Wine	0.44	2	16.00	A
Chemical Total	0.44	2		
SODIUM HYPOCHLORITE				
Grape, Wine	8.22	6	133.48	A
Chemical Total	8.22	6		
SODIUM LAUROAMPHO ACETATE				
Structural Pest Control	0.84			
Chemical Total	0.84			
SODIUM LAURYL SULFATE				
Structural Pest Control	0.57			
Chemical Total	0.57			
SODIUM POLYACRYLATE				
Grape, Wine	2.55	47	640.21	A
Pear	0.43	7	134.13	A
Uncultivated Non-Ag	0.11	1	2.78	A
Chemical Total	3.09	55		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SODIUM TETRABORATE (PENTAHYDRATE)				
Structural Pest Control	0.06			
Chemical Total	0.06			
SODIUM XYLENE SULFONATE				
Grape, Wine	5.02	5	62.00	A
Chemical Total	5.02	5		
SPINETORAM				
Pear	67.44	22	632.50	A
Chemical Total	67.44	22		
SPINOSAD				
Apple	0.12	1	1.00	A
Grape, Wine	0.12	1	2.00	A
N-Grnhs Plants In Containers	0.17	2	24,000.00	S
N-Outdr Flower	< 0.01	1	960.00	S
Olive	< 0.01	2	10.00	A
Chemical Total	0.42	7		
SPIROMESIFEN				
Structural Pest Control	0.38			
Chemical Total	0.38			
SPIROTETRAMAT				
Grape, Wine	267.38	55	2,564.74	A
Chemical Total	267.38	55		
STARCH				
Grape, Wine	0.02	4	152.30	A
Chemical Total	0.02	4		
STREPTOMYCIN SULFATE				
Pear	722.21	174	6,933.25	A
Chemical Total	722.21	174		
STYRENE BUTADIENE COPOLYMER				
Grape, Wine	32.47	18	431.83	A
Chemical Total	32.47	18		
SULFAQUINOXALINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SULFOMETURON-METHYL				
Landscape Maintenance	0.63			
Rights Of Way	1.38			
Chemical Total	2.01			

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SULFUR				
Apple	890.00	16	78.25	A
Grape, Wine	487,486.32	3,152	64,295.87	A
Pear	7,499.80	28	750.25	A
Chemical Total	495,876.12	3,196		
SULFUR DIOXIDE				
Commodity Fumigation	12.10			
Fumigation, Other	2,406.50			
Chemical Total	2,418.60			
SULFURYL FLUORIDE				
Structural Pest Control	3,270.16			
Chemical Total	3,270.16			
TALL OIL				
Pear	0.94	1	30.00	A
Chemical Total	0.94	1		
TALL OIL FATTY ACIDS				
Grape, Wine	22.04	65	1,527.90	A
Landscape Maintenance	0.02			
Chemical Total	22.07	65		
TEBUCONAZOLE				
Grape, Wine	315.05	100	3,085.02	A
Lumber, Treated	927.00		1,091,837.00	U
Pear	37.30	6	188.00	A
Chemical Total	1,279.35	106		
TETRACONAZOLE				
Grape, Wine	76.71	57	1,876.30	A
Chemical Total	76.71	57		
THIAMETHOXAM				
Fumigation, Other	< 0.01			
Grape, Wine	8.29	6	106.12	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.04			
Chemical Total	8.33	6		
THIOPHANATE-METHYL				
Golf Course Turf	2.56		75,000.00	S
Grape, Wine	326.09	27	466.84	A
Chemical Total	328.66	27		
THIRAM				
Landscape Maintenance	6.75			
Chemical Total	6.75			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
THYME				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
THYMOL				
Beehive	140.92	10	400.00	U
	25.24	1	40.00	A
Total Pounds On This Commodity	166.16			
Forest, Timberland	229.26	4	400.00	A
Chemical Total	395.43	15		
TRICLOPYR, BUTOXYETHYL ESTER				
Forest, Timberland	1,879.57	25	1,371.00	A
Landscape Maintenance	0.85			
Rights Of Way	1.48			
Chemical Total	1,881.90	25		
TRICLOPYR, TRIETHYLAMINE SALT				
Beehive	235.56	2	80.00	A
Forest, Timberland	9,777.41	96	8,070.00	A
Landscape Maintenance	0.05			
Rangeland	3.45	5	15.60	A
Rights Of Way	30.27			
Chemical Total	10,046.73	103		
TRIFLOXYSTROBIN				
Grape, Wine	264.71	138	3,439.03	A
N-Grnhs Plants In Containers	0.02	1	12,000.00	S
Chemical Total	264.73	139		
TRIFLUMIZOLE				
Grape, Wine	1,229.26	259	5,621.12	A
Pear	576.70	45	1,542.25	A
Chemical Total	1,805.95	304		
TRIFLURALIN				
Landscape Maintenance	4.93			
Chemical Total	4.93			
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY (OXYETHYLENE)				
Grape, Wine	49.88	34	668.43	A
Chemical Total	49.88	34		
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Forest, Timberland	49.71	19	1,088.00	A
Grape, Wine	36.44	28	395.24	A
Rights Of Way	0.20			
Chemical Total	86.36	47		

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WARFARIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ZIRAM				
Grape, Wine	535.65	5	176.20	A
Peach	2.28	1	1.00	A
Pear	10,602.75	66	2,587.75	A
Chemical Total	11,140.68	72		
Mendocino County Total	1,120,875.69	11,297		