

Department of Pesticide Regulation
 2015 Annual Pesticide Use Report Indexed by Chemical
 Napa County

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN				
Grape, Wine	5.39	35	377.18	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.02			
Chemical Total	5.42	35		
ABAMECTIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ACEPHATE				
Landscape Maintenance	1.61			
Structural Pest Control	1.94			
Chemical Total	3.55			
ACEQUINOCYL				
Grape, Wine	1.04	1	3.00	A
Chemical Total	1.04	1		
ACETAMIPRID				
Grape, Wine	238.11	211	2,712.32	A
Landscape Maintenance	0.10			
N-Grnhs Plants In Containers	0.16	3	0.99	A
Structural Pest Control	3.95			
Chemical Total	242.32	214		
ACETIC ACID				
Structural Pest Control	0.50			
Chemical Total	0.50			
ACIBENZOLAR-S-METHYL				
Golf Course Turf	0.56		33.50	A
Landscape Maintenance	1.01			
Chemical Total	1.57			
ACID BLUE 9, DIAMMONIUM SALT				
Landscape Maintenance	6.09			
Rights Of Way	2.33			
Water Area	237.82		697,745.00	K
	10.47	1	7.00	A
	9.30		87,120.00	C
	4.65		1.00	U
Total Pounds On This Commodity	262.24			
Chemical Total	270.66	1		
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER				
Rights Of Way	1.10			
Chemical Total	1.10			
ALPHA-ALKYLARYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	25.57	8	68.00	A

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Chemical Total	25.57	8		
ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Structural Pest Control	0.07			
Chemical Total	0.07			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	2.96	2	72.00	A
Grape, Wine	2,340.68	2,432	24,771.10	A
Landscape Maintenance	0.55			
Oat (Forage - Fodder)	68.70	3	165.00	A
Olive	0.14	1	1.88	A
Rights Of Way	4.72			
Uncultivated Ag	43.50	30	373.50	A
Chemical Total	2,461.26	2,468		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Rights Of Way	0.03			
Chemical Total	0.03			
ALPHA-PINENE BETA-PINENE COPOLYMER				
Almond	0.30	1	0.50	A
Cherry	0.06	1	0.10	A
Grape, Wine	492.69	294	2,715.37	A
Landscape Maintenance	0.18			
Nectarine	0.15	1	0.25	A
Peach	0.15	1	0.25	A
Pear	0.06	1	0.10	A
Plum	0.06	1	0.10	A
Chemical Total	493.64	300		
ALKYL (C8,C10) POLYGLUCOSIDE				
County Ag Comm	0.01			
Ditch Bank	10.40		1.10	A
Grape, Wine	270.61	78	1,394.59	A
Landscape Maintenance	240.31			
Water Area	10.40		3.00	U
Chemical Total	531.73	78		
D-TRANS ALLETHRIN				
Public Health	< 0.01			
Rights Of Way	< 0.01			
Structural Pest Control	0.27			
Chemical Total	0.28			
ALLYLOXPOLYETHYLENE GLYCOL ACETATE				
Grape, Wine	276.05	263	5,090.31	A
Chemical Total	276.05	263		
ALUMINUM PHOSPHIDE				
Grape, Wine	0.08	1	4.00	A

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Chemical Total	0.08	1		
AMINOCYCLOPYRACHLOR, POTASSIUM SALT				
Rights Of Way	12.42			
Chemical Total	12.42			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	4.13			
Rights Of Way	13.82			
Chemical Total	17.95			
4-AMINOPYRIDINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
AMMONIUM BICARBONATE				
Landscape Maintenance	1.44			
Olive	0.01	4	3.16	A
Chemical Total	1.45	4		
AMMONIUM NITRATE				
Alfalfa	0.38	2	72.00	A
County Ag Comm	0.01			
Grape, Wine	579.71	2,305	21,603.71	A
Landscape Maintenance	0.07			
Oat (Forage - Fodder)	8.86	3	165.00	A
Olive	0.02	1	1.88	A
Rights Of Way	0.61			
Uncultivated Ag	5.61	30	373.50	A
Chemical Total	595.28	2,341		
AMMONIUM PROPIONATE				
Grape, Wine	134.37	57	1,549.99	A
Uncultivated Ag	0.94	3	3.00	A
Chemical Total	135.32	60		
AMMONIUM SULFATE				
Alfalfa	9.46	2	72.00	A
County Ag Comm	0.01			
Grape, Wine	8,531.27	2,469	24,874.22	A
Landscape Maintenance	1.76			
Oat (Forage - Fodder)	219.40	3	165.00	A
Olive	0.43	1	1.88	A
Rights Of Way	16.27			
Uncultivated Ag	139.15	33	376.50	A
Chemical Total	8,917.77	2,508		
AMYL ACETATE				
Grape, Wine	0.17	6	166.24	A
Chemical Total	0.17	6		
AZADIRACTIN				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	1.37			
N-Grnhs Plants In Containers	0.09	10	3.19	A
N-Outdr Plants In Containers	0.02	2	0.87	A
Structural Pest Control	0.36			
Chemical Total	1.84	12		
AZOXYSTROBIN				
Golf Course Turf	15.83		43.50	A
Grape, Wine	808.64	299	4,015.32	A
Landscape Maintenance	15.50			
N-Grnhs Flower	1.09		2.00	A
N-Grnhs Plants In Containers	3.11	6	1.12	A
N-Outdr Plants In Containers	0.05	1	0.42	A
Chemical Total	844.21	306		
BACILLUS PUMILUS, STRAIN QST 2808				
Grape, Wine	1,075.80	1,014	10,168.41	A
Chemical Total	1,075.80	1,014		
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362				
Public Health	1.28			
Chemical Total	1.28			
BACILLUS SUBTILIS GB03				
N-Grnhs Flower	< 0.01		1.00	U
Chemical Total	< 0.01			
BACILLUS THURINGIENSIS (BERLINER)				
Grape, Wine	< 0.01	1	1.00	A
Chemical Total	< 0.01	1		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14				
Landscape Maintenance	< 0.01			
Public Health	16.09			
Chemical Total	16.10			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52				
Public Health	0.28			
Chemical Total	0.28			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B				
N-Grnhs Plants In Containers	0.12	5	1.69	A
N-Outdr Plants In Containers	0.03	2	0.95	A
Chemical Total	0.15	7		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
Grape, Wine	289.73	55	433.96	A
Landscape Maintenance	13.21			
Nectarine	0.21	3	0.06	A

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Olive	1.25	2	1.32	A
Chemical Total	304.40	60		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1				
Grape, Wine	0.10	1	4.00	A
Olive	0.21	1	1.00	A
Chemical Total	0.31	2		
BEAVERIA BASSIANA STRAIN GHA				
N-Grnhs Plants In Containers	0.50	8	2.64	A
N-Outdr Plants In Containers	0.17	2	0.87	A
Chemical Total	0.67	10		
BENZOIC ACID				
Alfalfa	0.41	2	72.00	A
Grape, Wine	14.93	288	3,333.00	A
Landscape Maintenance	0.06			
Oat (Forage - Fodder)	0.68	1	120.00	A
Olive	< 0.01	1	1.88	A
Rights Of Way	5.94			
Uncultivated Ag	1.91	5	336.50	A
Water Area	0.03		10.00	U
Chemical Total	23.97	297		
BIFENAZATE				
Grape, Wine	198.86	54	427.42	A
Chemical Total	198.86	54		
BIFENTHRIN				
Landscape Maintenance	2.90			
N-Grnhs Flower	0.05		1.00	A
Public Health	2.16			
Rights Of Way	0.63			
Structural Pest Control	148.44			
Chemical Total	154.18			
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS				
Almond	0.01	1	0.50	A
Cherry	< 0.01	1	0.10	A
Grape, Wine	20.66	293	2,695.37	A
Landscape Maintenance	< 0.01			
Nectarine	< 0.01	1	0.25	A
Peach	< 0.01	1	0.25	A
Pear	< 0.01	1	0.10	A
Plum	< 0.01	1	0.10	A
Chemical Total	20.70	299		
BORAX				
Rights Of Way	12.72			
Structural Pest Control	8.73			
Chemical Total	21.45			

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BORIC ACID				
Structural Pest Control	370.19			
Chemical Total	370.19			
BOSCALID				
Grape, Wine	6,730.53	1,713	25,136.22	A
Chemical Total	6,730.53	1,713		
BRODIFACOUM				
Regulatory Pest Control	< 0.01			
Rights Of Way	< 0.01			
Structural Pest Control	< 0.01			
Vertebrate Control	< 0.01			
Chemical Total	< 0.01			
BROMACIL				
Rights Of Way	4.83			
Chemical Total	4.83			
BROMADIOLONE				
Landscape Maintenance	< 0.01			
Public Health	< 0.01			
Regulatory Pest Control	< 0.01			
Rights Of Way	< 0.01			
Structural Pest Control	0.22			
Chemical Total	0.22			
BROMETHALIN				
Landscape Maintenance	0.01			
Rights Of Way	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	0.02			
BROMOXYNIL HEPTANOATE				
Oat	11.70	2	34.00	A
Oat (Forage - Fodder)	56.79	3	165.00	A
Chemical Total	68.49	5		
BROMOXYNIL OCTANOATE				
Oat	12.13	2	34.00	A
Oat (Forage - Fodder)	58.90	3	165.00	A
Chemical Total	71.03	5		
BUPROFEZIN				
Grape, Wine	1,259.35	224	2,395.55	A
Chemical Total	1,259.35	224		
BUTYL ALCOHOL				
Almond	< 0.01	1	0.30	A
Grape, Wine	881.52	2,400	33,549.85	A
	0.23	1	1.00	U

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Total Pounds On This Commodity	881.75			
Landscape Maintenance	0.56			
Pastureland	0.48	1	600.00	A
Rights Of Way	16.45			
Uncultivated Ag	0.74	3	3.00	A
Uncultivated Non-Ag	< 0.01		1.00	A
Water Area	0.83		4.00	U
	0.28		4.00	A
Total Pounds On This Commodity	1.12			
Chemical Total	901.11	2,406		
CALCIUM ACID METHANEARSONATE				
Landscape Maintenance	0.71			
Chemical Total	0.71			
CALCIUM CHLORIDE				
Grape, Wine	116.16	746	6,475.24	A
Uncultivated Ag	0.11	3	3.00	A
Chemical Total	116.27	749		
CALCIUM HYPOCHLORITE				
Grape, Wine	4.06	1	10.00	A
Chemical Total	4.06	1		
CAPRIC ACID				
Grape, Wine	256.66	14	102.12	A
Chemical Total	256.66	14		
CAPRYLIC ACID				
Grape, Wine	376.96	14	102.12	A
Chemical Total	376.96	14		
CAPSICUM OLEORESIN				
Grape, Wine	2.12	3	215.76	A
Chemical Total	2.12	3		
CARBARYL				
Landscape Maintenance	0.25			
Chemical Total	0.25			
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT				
Grape, Wine	25.36	410	4,787.70	A
Olive	0.15	4	0.44	A
Chemical Total	25.51	414		
CARFENTRAZONE-ETHYL				
Grape, Wine	36.04	148	1,279.83	A
Landscape Maintenance	0.82			
N-Grnhs Flower	0.77		23.89	A
Oat (Forage - Fodder)	4.83	3	165.00	A
Chemical Total	42.45	151		

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CASTOR OIL ETHOXYLATE				
Grape, Wine	15.99	1	78.01	A
Chemical Total	15.99	1		
CHLORANTRANILIPROLE				
Golf Course Turf	2.94		25.00	A
Grape, Wine	185.11	129	2,115.33	A
Landscape Maintenance	1.05			
Olive	0.48	7	6.10	A
Structural Pest Control	4.01			
Chemical Total	193.58	136		
CHLORFENAPYR				
N-Grnhs Plants In Containers	0.04	1	0.45	A
Structural Pest Control	12.88			
Chemical Total	12.92	1		
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	1.00		96.00	U
Chemical Total	1.00			
CHLOROPHACINONE				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
CHLOROPICRIN				
Soil Fumigation/Preplant	8,904.90	3	48.20	A
Structural Pest Control	0.06			
Chemical Total	8,904.96	3		
CHLOROTHALONIL				
Golf Course Turf	365.51		47.81	A
Grape, Wine	3.95	1	7.00	A
Landscape Maintenance	689.62			
N-Grnhs Flower	87.59		9.00	A
N-Outdr Flower	0.56	1	0.50	A
Structural Pest Control	3.84			
Chemical Total	1,151.06	2		
CHLORPYRIFOS				
Alfalfa	18.05	1	36.00	A
Grape, Wine	71.34	8	59.90	A
N-Grnhs Flower	2.26		2.00	A
Chemical Total	91.64	9		
CHLORSULFURON				
Landscape Maintenance	0.44			
Regulatory Pest Control	2.08			
Rights Of Way	2.94			
Chemical Total	5.46			

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CHOLECALCIFEROL				
Structural Pest Control	0.65			
Chemical Total	0.65			
CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1				
Grape, Wine	91.25	10	128.05	A
Chemical Total	91.25	10		
CITRIC ACID				
Grape, Wine	391.33	804	8,040.23	A
Uncultivated Ag	0.77	6	6.00	A
Chemical Total	392.11	810		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
Landscape Maintenance	7.54			
N-Grnhs Flower	0.28		14.00	U
N-Outdr Plants In Containers	7.29	4	2.25	A
Chemical Total	15.11	4		
CLETHODIM				
Grape, Wine	1.84	6	20.00	A
Landscape Maintenance	0.05			
Regulatory Pest Control	17.23			
Rights Of Way	2.21			
Chemical Total	21.33	6		
CLOPYRALID, MONOETHANOLAMINE SALT				
Golf Course Turf	0.50		2.10	A
Landscape Maintenance	5.22			
Pastureland	1.98		8.00	A
Regulatory Pest Control	4.16			
Rights Of Way	1.93			
Chemical Total	13.78			
CLOPYRALID, TRIETHYLAMINE SALT				
Landscape Maintenance	11.49			
Chemical Total	11.49			
CLOTHIANIDIN				
Grape, Wine	149.49	78	1,609.76	A
Landscape Maintenance	7.11			
Structural Pest Control	0.05			
Chemical Total	156.64	78		
COCONUT DIETHANOLAMIDE				
Grape, Wine	1.85	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.01			
Chemical Total	1.86	32		
COPPER AMMONIUM CARBONATE				
Landscape Maintenance	0.17			

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Chemical Total	0.17			
COPPER AMMONIUM COMPLEX				
Landscape Maintenance	3.06			
Chemical Total	3.06			
COPPER DIAMMONIUM DIACETATE COMPLEX				
Landscape Maintenance	8.27			
Chemical Total	8.27			
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Ditch Bank	69.07		1.10	A
Landscape Maintenance	101.68			
Water (Industrial)	58.30		32.25	A
Water Area	857.81	8	213.02	A
	30.59		5.00	U
Total Pounds On This Commodity	888.40			
Chemical Total	1,117.46	8		
COPPER HYDROXIDE				
Almond	0.27	1	0.50	A
Apple	0.05	1	0.10	A
Cherry	0.05	1	0.10	A
Grape, Wine	2,847.77	527	7,860.21	A
Landscape Maintenance	30.36			
Nectarine	1.34	3	1.73	A
Peach	3.34	6	3.91	A
Pear	0.05	1	0.10	A
Plum	0.05	1	0.10	A
Rights Of Way	0.91			
Chemical Total	2,884.19	541		
COPPER NAPHTHENATE				
Structural Pest Control	0.07			
Chemical Total	0.07			
COPPER OCTANOATE				
Apricot	0.04	1	0.03	A
Cherry	0.21	2	0.22	A
Nectarine	0.26	2	0.19	A
Peach	0.51	2	0.47	A
Pear	0.09	1	0.07	A
Plum	0.03	1	0.04	A
Chemical Total	1.14	9		
COPPER OXIDE (OUS)				
Apple	0.42	1	0.07	A
Grape, Wine	4,369.78	509	5,019.16	A
Landscape Maintenance	0.42			
Nectarine	3.15	2	0.12	A
Olive	13.00	6	0.72	A
Peach	2.24	3	0.26	A
Pear	0.34	1	0.08	A

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Plum	5.67	3	0.30	A
Chemical Total	4,395.02	525		
COPPER OXYCHLORIDE				
Almond	0.30	1	0.50	A
Apple	0.06	1	0.10	A
Cherry	0.06	1	0.10	A
Grape, Wine	2,401.19	469	6,514.91	A
Landscape Maintenance	15.19			
Nectarine	1.48	3	1.73	A
Peach	3.70	6	3.91	A
Pear	0.06	1	0.10	A
Plum	0.06	1	0.10	A
Chemical Total	2,422.10	483		
COPPER SULFATE (PENTAHYDRATE)				
Landscape Maintenance	152.21			
N-Grnhs Plants In Containers	0.05	1	0.26	A
Public Health	11,880.00			
Uncultivated Ag	61.88	2	2.00	A
Water Area	304.43		2,679.00	K
	16.46		3.00	A
	8.23		43,560.00	C
Total Pounds On This Commodity	329.11			
Chemical Total	12,423.24	3		
COYOTE URINE				
Structural Pest Control	0.80			
Chemical Total	0.80			
CYAZOFAMID				
Golf Course Turf	0.23		75.00	K
Chemical Total	0.23			
CYFLUFENAMID				
Grape, Wine	6.32	19	312.77	A
Chemical Total	6.32	19		
CYFLUTHRIN				
Grape, Wine	2.10	5	64.89	A
Public Health	4.57			
Structural Pest Control	6.79			
Chemical Total	13.46	5		
BETA-CYFLUTHRIN				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	0.05			
Structural Pest Control	36.96			
Chemical Total	37.02			
CYPERMETHRIN				
Rights Of Way	0.94			

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Structural Pest Control	25.41			
Chemical Total	26.34			
CYPRODINIL				
Grape, Wine	5,337.55	1,165	18,717.36	A
Chemical Total	5,337.55	1,165		
2,4-D, DIMETHYLAMINE SALT				
Grape, Wine	144.27	2	226.87	A
Landscape Maintenance	0.18			
Oat	66.70	4	59.00	A
Uncultivated Ag	279.94	1	330.00	A
Chemical Total	491.10	7		
2,4-D, 2-ETHYLHEXYL ESTER				
Landscape Maintenance	66.42			
N-Grnhs Flower	14.88		23.89	A
Chemical Total	81.31			
2,4-D, ISOOCTYL ESTER				
Golf Course Turf	1.84		40,000.00	S
Landscape Maintenance	80.35			
Chemical Total	82.20			
DDVP				
Structural Pest Control	0.11			
Chemical Total	0.11			
DDVP, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
DELTAMETHRIN				
Landscape Maintenance	< 0.01			
N-Grnhs Flower	0.12		1.00	A
Regulatory Pest Control	0.14			
Structural Pest Control	17.78			
Chemical Total	18.04			
DIATOMACEOUS EARTH				
Structural Pest Control	14.61			
Chemical Total	14.61			
DICAMBA				
Golf Course Turf	0.12		40,000.00	S
Landscape Maintenance	10.27			
N-Grnhs Flower	0.95		23.89	A
Chemical Total	11.34			
DICAMBA, DIMETHYLAMINE SALT				
Landscape Maintenance	0.03			

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Chemical Total	0.03			
1,3-DICHLOROPROPENE				
Soil Fumigation/Preplant	67,744.65	14	212.43	A
Chemical Total	67,744.65	14		
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.01			
Chemical Total	0.01			
DIETHYLENE GLYCOL				
Grape, Wine	16.34	38	214.33	A
Landscape Maintenance	0.96			
Rights Of Way	1.54			
Chemical Total	18.85	38		
DIFENOCONAZOLE				
Golf Course Turf	5.96		28.00	A
Grape, Wine	1,867.41	1,313	20,457.36	A
Landscape Maintenance	1.05			
Chemical Total	1,874.41	1,313		
DIFETHIALONE				
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.02			
Chemical Total	0.02			
DIMETHOATE				
Grape, Wine	10.37	4	6.00	A
Chemical Total	10.37	4		
DIMETHYL ALKYL TERTIARY AMINES				
Alfalfa	0.45	2	72.00	A
Grape, Wine	16.30	288	3,333.00	A
Landscape Maintenance	0.07			
Oat (Forage - Fodder)	0.75	1	120.00	A
Olive	< 0.01	1	1.88	A
Rights Of Way	6.47			
Uncultivated Ag	2.08	5	336.50	A
Water Area	0.03		10.00	U
Chemical Total	26.15	297		
3,7-DIMETHYL-6-OCTEN-1-OL				
Grape, Wine	0.76	12	59.09	A
Chemical Total	0.76	12		
DIMETHYLPOLYSILOXANE				
Almond	< 0.01	1	0.30	A
Grape, Wine	1,409.71	3,396	47,177.99	A
	< 0.01	1	1.00	U
Total Pounds On This Commodity	1,409.72			
Landscape Maintenance		1.14		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Nectarine	0.13	2	0.12	A
Olive	1.70	2	0.22	A
Pastureland	< 0.01	1	600.00	A
Rights Of Way	0.22			
Uncultivated Ag	< 0.01	3	3.00	A
Uncultivated Non-Ag	< 0.01		10.40	A
Water Area	< 0.01		4.00	U
	< 0.01		4.00	A
Total Pounds On This Commodity	0.01			
Chemical Total	1,412.94	3,406		
DIMETHYL SILICONE FLUID EMULSION				
Grape, Wine	23.55	338	3,245.53	A
Chemical Total	23.55	338		
DINOTEFURAN				
Grape, Wine	35.70	51	379.42	A
Landscape Maintenance	2.60			
N-Grnhs Flower	1.82		26.00	U
Structural Pest Control	3.02			
Chemical Total	43.14	51		
1,7-DIOXASPIRO-(5,5)-UNDECANE				
Landscape Maintenance	0.02			
Olive	< 0.01	4	3.16	A
Chemical Total	0.02	4		
DIPHACINONE				
Landscape Maintenance	0.02			
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.02			
Uncultivated Ag	< 0.01	19	19.00	A
Chemical Total	0.05	19		
DIQUAT DIBROMIDE				
Golf Course Turf	0.11		18,000.00	S
Grape, Wine	3.90	2	8.56	A
Landscape Maintenance	138.93			
Water (Industrial)	24.24		5.50	A
Water Area	15.05		3.00	U
Chemical Total	182.23	2		
DISODIUM OCTABORATE TETRAHYDRATE				
Grape, Wine	7.97	5	102.43	A
Regulatory Pest Control	3.92			
Structural Pest Control	591.72			
Chemical Total	603.61	5		
DITHIOPYR				
Landscape Maintenance	143.66			
Rights Of Way	68.57			
Chemical Total	212.22			

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DIURON				
Rights Of Way	229.63			
Chemical Total	229.63			
DODECYLBENZENE SULFONIC ACID				
Grape, Wine	8.00	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.04			
Chemical Total	8.05	32		
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	0.21	1	20.00	A
Landscape Maintenance	0.95			
Chemical Total	1.16	1		
EDTA, TETRASODIUM SALT				
Grape, Wine	0.49	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	0.50	32		
EMAMECTIN BENZOATE				
Landscape Maintenance	0.04			
Chemical Total	0.04			
ENDOTHALL, DIPOTASSIUM SALT				
Landscape Maintenance	0.25			
Chemical Total	0.25			
ESFENVALERATE				
Landscape Maintenance	0.60			
Public Health	< 0.01			
Structural Pest Control	3.05			
Chemical Total	3.66			
ETHEPHON				
Golf Course Turf	18.37		5.74	A
Landscape Maintenance	95.17			
Olive	0.33		2.50	A
Structural Pest Control	3.27			
Chemical Total	117.14			
ETOFENPROX				
Public Health	0.30			
Structural Pest Control	0.15			
Chemical Total	0.45			
ETHYLENE GLYCOL				
Grape, Wine	1.04	2	10.00	A
Chemical Total	1.04	2		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ETOXAZOLE				
Grape, Wine	43.18	36	325.85	A
Chemical Total	43.18	36		
EUGENOL				
Structural Pest Control	0.02			
Chemical Total	0.02			
FARNESOL				
Grape, Wine	0.30	12	59.09	A
Chemical Total	0.30	12		
FATTY ACIDS, MIXED				
Grape, Wine	30.57	69	1,008.85	A
Landscape Maintenance	0.47			
Rights Of Way	3.14			
Chemical Total	34.18	69		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
Water (Industrial)	1.21		7.00	A
Chemical Total	1.21			
FENARIMOL				
Grape, Wine	0.71	5	8.75	A
Chemical Total	0.71	5		
FENBUTATIN-OXIDE				
Landscape Maintenance	0.02			
Chemical Total	0.02			
FENHEXAMID				
Grape, Wine	2,300.86	185	4,803.65	A
N-Grnhs Plants In Containers	0.39	2	0.64	A
N-Outdr Plants In Containers	0.38	1	0.75	A
Chemical Total	2,301.62	188		
FENPROPATHRIN				
Grape, Wine	4.26	4	30.16	A
Olive	0.35	1	900.00	U
Chemical Total	4.62	5		
FENPYROXIMATE				
Grape, Wine	2.75	8	27.36	A
Chemical Total	2.75	8		
FIPRONIL				
Regulatory Pest Control	< 0.01			
Structural Pest Control	172.50			
Chemical Total	172.51			

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FLAZASULFURON				
Grape, Wine	50.78	63	690.19	A
Chemical Total	50.78	63		
FLUAZIFOP-P-BUTYL				
Grape, Wine	51.67	6	226.09	A
Landscape Maintenance	0.11			
N-Grnhs Flower	0.07		2,000.00	S
Chemical Total	51.85	6		
FLUAZINAM				
Golf Course Turf	4.17		11.48	A
Landscape Maintenance	0.87			
Chemical Total	5.04			
FLUBENDIAMIDE				
Grape, Wine	10.92	3	123.59	A
Chemical Total	10.92	3		
FLUDIOXONIL				
Golf Course Turf	1.48		7.87	A
Grape, Wine	51.46	15	277.89	A
Landscape Maintenance	5.59			
N-Grnhs Plants In Containers	0.25	4	1.41	A
N-Outdr Plants In Containers	0.15	3	1.06	A
Chemical Total	58.92	22		
FLUMIOXAZIN				
Ditch Bank	0.83		1.10	A
Grape, Wine	2,431.36	1,079	13,458.45	A
Landscape Maintenance	1.03			
Rights Of Way	6.20			
Uncultivated Ag	12.94	23	23.00	A
Chemical Total	2,452.36	1,102		
FLUOPYRAM				
Grape, Wine	1,453.27	898	13,551.10	A
Chemical Total	1,453.27	898		
FLUPYRADIFURONE				
Grape, Wine	14.94	21	82.02	A
Chemical Total	14.94	21		
FLURIDONE				
Water Area	6.10		174,240.00	C
	0.30		28,200.00	S
Total Pounds On This Commodity	6.40			
Chemical Total	6.40			
FLUTOLANIL				
Golf Course Turf	88.20		25.00	A
	14.35		29.00	K

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Total Pounds On This Commodity	102.55			
Landscape Maintenance	16.80			
Chemical Total	119.35			
TAU-FLUVALINATE				
Landscape Maintenance	0.01			
Chemical Total	0.01			
FLUXAPYROXAD				
Golf Course Turf	1.54		7.50	A
Landscape Maintenance	2.05			
Structural Pest Control	0.16			
Chemical Total	3.75			
FORCHLORFENURON				
Grape, Wine	0.02	2	5.50	A
Chemical Total	0.02	2		
FOSETYL-AL				
Landscape Maintenance	30.80			
Chemical Total	30.80			
FOX URINE				
Structural Pest Control	0.34			
Chemical Total	0.34			
GARLIC				
Grape, Wine	17.76	111	417.20	A
Chemical Total	17.76	111		
GERANIOL				
Grape, Wine	0.76	12	59.09	A
Chemical Total	0.76	12		
GLUFOSINATE-AMMONIUM				
Grape, Wine	2,706.93	343	4,209.26	A
Uncultivated Ag	7.05	2	2.00	A
Chemical Total	2,713.98	345		
GLYCEROL				
Grape, Wine	2.26	1	15.00	A
Chemical Total	2.26	1		
GLYPHOSATE, DIMETHYLAMINE SALT				
Rights Of Way	1,012.18			
Chemical Total	1,012.18			
GLYPHOSATE, ISOPROPYLAMINE SALT				
Golf Course Turf	2.68		18,000.00	S
Grape, Wine	9,061.64	472	7,483.56	A
Landscape Maintenance	1,139.30			

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N-Grnhs Flower	5.03		32,500.00	S
N-Outdr Flower	7.91	1	0.90	A
N-Outdr Plants In Containers	2.60	3	14.00	A
Regulatory Pest Control	64.51			
Rights Of Way	925.48			
Uncultivated Ag	223.05	28	28.00	A
Uncultivated Non-Ag	4.77		6.70	A
Water (Industrial)	2.69		1.00	A
Water Area	42.47		4.00	U
	26.32		5.00	A
Total Pounds On This Commodity	68.78			
Chemical Total	11,508.44	504		
GLYPHOSATE, MONOAMMONIUM SALT				
Landscape Maintenance	28.67			
Chemical Total	28.67			
GLYPHOSATE, POTASSIUM SALT				
Alfalfa	192.42	3	108.00	A
County Ag Comm	0.44			
Forest, Timberland	2.59	1	2.00	A
Golf Course Turf	22.33		5.94	A
Grape, Wine	44,747.46	3,182	30,075.62	A
Landscape Maintenance	1,469.03			
Olive	1.93	1	1.88	A
Rights Of Way	584.46			
Strawberry	8.24	2	5.10	A
Uncultivated Ag	114.85	10	25.00	A
Uncultivated Non-Ag	8.36		7.70	A
Chemical Total	47,152.11	3,199		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Grape, Wine	1.37	7	205.90	A
Chemical Total	1.37	7		
HEPTYL BUTYRATE				
Structural Pest Control	0.35			
Chemical Total	0.35			
HEXAFLUMURON				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
HYDRAMETHYLNON				
Regulatory Pest Control	0.49			
Structural Pest Control	1.08			
Chemical Total	1.57			
HYDROGEN PEROXIDE				
Grape, Wine	1,005.82	50	545.20	A
Water (Industrial)	19.92		2.00	A

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Chemical Total	1,025.74	50		
HYDROPRENE				
Regulatory Pest Control	< 0.01			
Structural Pest Control	4.91			
Chemical Total	4.92			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
Grape, Wine	15,950.16	5,914	81,217.06	A
Nectarine	0.07	1	0.04	A
Olive	1.54	6	0.66	A
Rights Of Way	0.13			
Uncultivated Non-Ag	0.94		2.00	A
Chemical Total	15,952.83	5,921		
IMAZAPYR, ISOPROPYLAMINE SALT				
Landscape Maintenance	7.23			
Regulatory Pest Control	6.33			
Rights Of Way	28.26			
Chemical Total	41.82			
IMIDACLOPRID				
Grape, Wine	1,517.09	286	6,249.40	A
Landscape Maintenance	19.54			
N-Grnhs Flower	2.18		9.29	A
	1.26		31.00	U
Total Pounds On This Commodity	3.43			
N-Grnhs Plants In Containers	0.10	4	1.23	A
N-Outdr Plants In Containers	0.08	4	1.62	A
Regulatory Pest Control	3.02			
Rights Of Way	9.10			
Structural Pest Control	75.42			
Chemical Total	1,627.79	294		
INDAZIFLAM				
Grape, Wine	89.45	254	3,215.70	A
Landscape Maintenance	0.03			
Rights Of Way	13.40			
Structural Pest Control	0.13			
Chemical Total	103.01	254		
INDOXACARB				
Landscape Maintenance	1.13			
N-Grnhs Flower	0.19		1.00	A
Regulatory Pest Control	< 0.01			
Structural Pest Control	31.35			
Chemical Total	32.67			
IPIRODIONE				
Golf Course Turf	61.23		12.97	A
Grape, Wine	5.22	1	5.23	A
Landscape Maintenance	118.13			

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N-Grnhs Plants In Containers	2.03	2	0.37	A
Chemical Total	186.61	3		
IRON HEDTA				
Landscape Maintenance	3.03			
Chemical Total	3.03			
IRON PHOSPHATE				
Landscape Maintenance	29.19			
Structural Pest Control	2.53			
Chemical Total	31.72			
ISOPROPYL ALCOHOL				
Grape, Wine	29.96	159	2,281.10	A
Landscape Maintenance	0.22			
Rights Of Way	8.43			
Structural Pest Control	6.05			
Chemical Total	44.65	159		
ISOXABEN				
Grape, Wine	110.33	50	279.48	A
Landscape Maintenance	20.49			
Rights Of Way	49.31			
Chemical Total	180.13	50		
KAOLIN				
Grape, Wine	5,982.87	156	502.83	A
Landscape Maintenance	64.60			
Olive	353.19	18	8.83	A
Chemical Total	6,400.66	174		
KEROSENE				
Grape, Wine	9.69	146	1,349.73	A
Olive	< 0.01	1	1.88	A
Rights Of Way	10.95			
Uncultivated Ag	0.06	4	6.50	A
Chemical Total	20.71	151		
KRESOXIM-METHYL				
Grape, Wine	398.77	177	2,960.41	A
Chemical Total	398.77	177		
LAMBDA-CYHALOTHRIN				
Landscape Maintenance	< 0.01			
Olive	< 0.01	4	3.16	A
Structural Pest Control	31.89			
Chemical Total	31.89	4		
LAVANDULYL SENECIOATE				
Grape, Wine	85.21	100	2,322.64	A
Chemical Total	85.21	100		

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LECITHIN				
Grape, Wine	1,024.21	362	3,715.62	A
Landscape Maintenance	1.77			
Rights Of Way	9.10			
Chemical Total	1,035.08	362		
LIME-SULFUR				
Grape, Wine	29,683.24	51	1,042.05	A
Peach	2.09	1	1.00	A
Chemical Total	29,685.33	52		
LIMONENE				
Structural Pest Control	221.19			
Water (Industrial)	6.07		7.00	A
Chemical Total	227.27			
MALATHION				
Grape, Wine	906.59	17	297.98	A
Chemical Total	906.59	17		
MANCOZEB				
Golf Course Turf	100.00		7.50	A
Grape, Wine	1,020.75	24	676.00	A
Landscape Maintenance	248.94			
Structural Pest Control	6.52			
Chemical Total	1,376.20	24		
MARGOSA OIL				
Structural Pest Control	0.02			
Chemical Total	0.02			
MCPA, DIMETHYLAMINE SALT				
Oat	33.22	1	60.00	A
Chemical Total	33.22	1		
MCPA, ISOOCTYL ESTER				
Landscape Maintenance	0.03			
Chemical Total	0.03			
MCPP, DIMETHYLAMINE SALT				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
MCPP, POTASSIUM SALT				
Landscape Maintenance	0.03			
Chemical Total	0.03			
MCPP-P, DIMETHYLAMINE SALT				
Landscape Maintenance	0.06			
Chemical Total	0.06			

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MECOPROP-P				
Golf Course Turf	0.28		40,000.00	S
Landscape Maintenance	16.06			
N-Grnhs Flower	3.77		23.89	A
Chemical Total	20.11			
MEFENOXAM				
Landscape Maintenance	1.18			
Chemical Total	1.18			
MEFENOXAM, OTHER RELATED				
Landscape Maintenance	0.02			
Chemical Total	0.02			
MEFLUIDIDE, DIETHANOLAMINE SALT				
Landscape Maintenance	1.38			
Chemical Total	1.38			
METAFLUMIZONE				
Grape, Wine	0.73	71	928.80	A
Chemical Total	0.73	71		
METALAXYL				
N-Grnhs Plants In Containers	0.32	6	0.60	A
Chemical Total	0.32	6		
METALDEHYDE				
Structural Pest Control	0.01			
Chemical Total	0.01			
METAM-SODIUM				
Rights Of Way	4.83			
Chemical Total	4.83			
METCONAZOLE				
Golf Course Turf	1.22		2.50	A
Landscape Maintenance	14.72			
Chemical Total	15.94			
METHOPRENE				
Public Health	0.96			
Structural Pest Control	< 0.01			
Chemical Total	0.96			
S-METHOPRENE				
Grape, Wine	0.08	3	10.53	A
Landscape Maintenance	< 0.01			
Public Health	4.24			
Structural Pest Control	0.22			
Chemical Total	4.55	3		

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METHOXYFENOZIDE				
Almond	0.06	1	0.30	A
Grape, Wine	488.80	160	2,190.79	A
Peach	0.26	1	1.10	A
Chemical Total	489.13	162		
METHYL ANTHRANILATE				
Structural Pest Control	0.45			
Chemical Total	0.45			
METHYLATED SOYBEAN OIL				
Alfalfa	15.72	2	72.00	A
Grape, Wine	5,011.22	703	8,765.84	A
Landscape Maintenance	3.25			
Oat (Forage - Fodder)	26.09	1	120.00	A
Olive	0.13	1	1.88	A
Regulatory Pest Control	6.37			
Rights Of Way	241.25			
Uncultivated Ag	72.83	5	336.50	A
Water Area	1.09		10.00	U
Chemical Total	5,377.94	712		
2-METHYL-1-BUTANOL				
Structural Pest Control	0.21			
Chemical Total	0.21			
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	0.35		96.00	U
Chemical Total	0.35			
METHYL SILICONE RESINS				
Grape, Wine	1.48	41	436.06	A
Chemical Total	1.48	41		
METRAFENONE				
Grape, Wine	1,518.22	357	5,580.39	A
Chemical Total	1,518.22	357		
MINERAL OIL				
Almond	0.11	1	0.50	A
Apple	0.34	1	0.07	A
Cherry	0.02	1	0.10	A
Grape, Wine	150,116.37	2,301	34,112.43	A
Landscape Maintenance	553.75			
Nectarine	1.06	4	0.31	A
Olive	64.69	8	18.17	A
Peach	0.55	2	0.35	A
Pear	0.02	1	0.10	A
Plum	3.71	3	0.30	A
Structural Pest Control	23.97			
Chemical Total	150,764.57	2,322		

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MODIFIED PHTHALIC GLYCEROL ALKYD RESIN				
Grape, Wine	72.48	40	525.90	A
Chemical Total	72.48	40		
MSMA				
Landscape Maintenance	59.65			
Chemical Total	59.65			
MUSCALURE				
Regulatory Pest Control	0.04			
Rights Of Way	< 0.01			
Structural Pest Control	0.15			
Chemical Total	0.19			
MYCLOBUTANIL				
Grape, Wine	1,445.13	1,438	16,002.93	A
Chemical Total	1,445.13	1,438		
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255				
Grape, Wine	3,345.91	55	480.00	A
Chemical Total	3,345.91	55		
NAA, AMMONIUM SALT				
Landscape Maintenance	1.03			
Chemical Total	1.03			
NEROLIDOL				
Grape, Wine	0.76	12	59.09	A
Chemical Total	0.76	12		
NICARBAZIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
NONANOIC ACID				
Grape, Wine	4.26	1	1.25	A
Chemical Total	4.26	1		
NONANOIC ACID, OTHER RELATED				
Grape, Wine	0.22	1	1.25	A
Chemical Total	0.22	1		
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED				
Grape, Wine	1,705.09	1,718	22,119.60	A
Chemical Total	1,705.09	1,718		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Almond	0.07	1	0.30	A
Grape, Wine	9,210.88	4,235	50,780.57	A

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Total Pounds On This Commodity	9,212.96	2.08	1	1.00 U
Landscape Maintenance	31.53			
N-Grnhs Flower	0.43		26.00	U
N-Outdr Flower	< 0.01		1.00	U
Olive	0.29	4	0.44	A
Pastureland	4.33	1	600.00	A
Regulatory Pest Control	1.13			
Rights Of Way	207.94			
Structural Pest Control	2.93			
Uncultivated Ag	6.66	3	3.00	A
Uncultivated Non-Ag	0.05		1.00	A
Water Area	7.50		4.00	U
	2.55		4.00	A
Total Pounds On This Commodity	10.05			
Chemical Total	9,478.38	4,245		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), BRANCHED				
Grape, Wine	1,433.03	757	14,937.18	A
Rights Of Way	2.35			
Chemical Total	1,435.38	757		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Grape, Wine	588.22	376	4,138.61	A
Landscape Maintenance	0.26			
Uncultivated Ag	0.68	3	3.00	A
Chemical Total	589.17	379		
NOVALURON				
N-Grnhs Plants In Containers	0.04	2	0.92	A
Structural Pest Control	< 0.01			
Chemical Total	0.05	2		
NOVIFLUMURON				
Structural Pest Control	0.02			
Chemical Total	0.02			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Regulatory Pest Control	0.02			
Structural Pest Control	12.53			
Chemical Total	12.54			
OIL OF JOJOBA				
Grape, Wine	0.19	1	1.00	A
Chemical Total	0.19	1		
OLEIC ACID				
Grape, Wine	29.71	99	1,378.82	A
Chemical Total	29.71	99		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
OLEIC ACID, ETHYL ESTER				
Grape, Wine	1.44	1	24.00	A
Landscape Maintenance	77.62			
Chemical Total	79.05	1		
OLEIC ACID, METHYL ESTER				
Grape, Wine	3,686.02	1,144	10,596.35	A
Regulatory Pest Control	1.66			
Rights Of Way	5.41			
Chemical Total	3,693.09	1,144		
ORYZALIN				
Grape, Wine	1,019.52	65	502.88	A
Landscape Maintenance	275.90			
N-Outdr Flower	0.60	1	9,500.00	S
Rights Of Way	257.62			
Uncultivated Non-Ag	0.46		1.00	A
Chemical Total	1,554.10	66		
OXADIAZON				
Landscape Maintenance	5.98			
Rights Of Way	4.40			
Chemical Total	10.38			
OXYFLUORFEN				
Grape, Wine	3,201.53	451	6,706.88	A
Rights Of Way	0.02			
Uncultivated Ag	15.44		12.00	A
Uncultivated Non-Ag	0.16		1.00	A
Chemical Total	3,217.15	451		
PACLOBUTRAZOL				
Landscape Maintenance	0.05			
N-Grnhs Flower	0.25		1.00	A
N-Outdr Flower	0.25		1.00	A
Chemical Total	0.55			
PAECILOMYCES LILACINUS STRAIN 251				
Grape, Wine	6.14	4	29.47	A
Chemical Total	6.14	4		
PENDIMETHALIN				
Grape, Wine	9,443.62	209	4,797.52	A
Landscape Maintenance	78.90			
Rights Of Way	0.10			
Uncultivated Ag	73.48	9	9.00	A
Chemical Total	9,596.11	218		
PENOX SULAM				
Landscape Maintenance	1.43			
Chemical Total	1.43			

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PENTHIOPYRAD				
Golf Course Turf	10.78		9.18	A
Landscape Maintenance	10.34			
Chemical Total	21.13			
PERMETHRIN				
Landscape Maintenance	7.29			
N-Grnhs Flower	0.17		14.00	U
Regulatory Pest Control	16.13			
Structural Pest Control	131.50			
Chemical Total	155.08			
PERMETHRIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PEROXYACETIC ACID				
Grape, Wine	20.58	18	211.64	A
Water (Industrial)	1.47		2.00	A
Chemical Total	22.05	18		
PETROLEUM DISTILLATES				
Grape, Wine	2.21	1	47.00	A
Landscape Maintenance	3.01			
Structural Pest Control	0.21			
Chemical Total	5.43	1		
PETROLEUM DISTILLATES, ALIPHATIC				
Rights Of Way	0.07			
Chemical Total	0.07			
PETROLEUM DISTILLATES, REFINED				
Grape, Wine	36,554.06	770	7,958.21	A
Landscape Maintenance	13.43			
N-Outdr Plants In Containers	5.50	2	1.00	A
Peach	3.17	3	0.90	A
Public Health	1,649.66			
Chemical Total	38,225.81	775		
PETROLEUM HYDROCARBONS				
Grape, Wine	0.32	1	0.50	A
Chemical Total	0.32	1		
PETROLEUM NAPHTHENIC OILS				
Rights Of Way	0.77			
Chemical Total	0.77			
PETROLEUM OIL, UNCLASSIFIED				
Grape, Wine	1,330.59	28	396.00	A
Landscape Maintenance	0.33			
Chemical Total	1,330.91	28		

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PHENOTHRIN				
Public Health	< 0.01			
Rights Of Way	< 0.01			
Structural Pest Control	0.68			
Chemical Total	0.68			
PHENYLETHYL PROPIONATE				
Structural Pest Control	0.14			
Chemical Total	0.14			
PHOSPHORIC ACID				
Grape, Wine	2.57	34	412.18	A
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	2.58	34		
PIPERONYL BUTOXIDE				
Landscape Maintenance	1.58			
Public Health	3.69			
Regulatory Pest Control	0.01			
Structural Pest Control	211.63			
Chemical Total	216.91			
PIPERONYL BUTOXIDE, OTHER RELATED				
Landscape Maintenance	0.39			
Public Health	0.92			
Structural Pest Control	37.89			
Chemical Total	39.21			
POLYACRYLAMIDE POLYMER				
Grape, Wine	0.41	4	87.87	A
Rights Of Way	1.29			
Chemical Total	1.70	4		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
Grape, Wine	69.44	369	2,982.29	A
Landscape Maintenance	10.94			
N-Grnhs Flower	0.22		26.00	U
N-Outdr Flower	< 0.01		1.00	U
Rights Of Way	9.25			
Chemical Total	89.85	369		
POLYETHER MODIFIED POLYSILOXANE				
Grape, Wine	933.20	442	4,618.61	A
Chemical Total	933.20	442		
POLYETHOXYLATED CASTOR OIL				
Grape, Wine	71.30	24	1,110.47	A
Chemical Total	71.30	24		
POLYETHYLENE GLYCOL				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	58.67	48	649.07	A
Chemical Total	58.67	48		
POLYETHYLENE GLYCOL DIACETATE				
Grape, Wine	25.10	263	5,090.31	A
Chemical Total	25.10	263		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER				
Grape, Wine	4,564.36	202	3,720.85	A
Uncultivated Non-Ag	0.47		9.40	A
Chemical Total	4,564.83	202		
POLYETHYLENE GLYCOL STEARATE				
Grape, Wine	0.36	1	24.00	A
Chemical Total	0.36	1		
POLY-I-PARA-MENTHENE				
Apple	0.08	1	0.10	A
Grape, Wine	58.32	58	282.97	A
Chemical Total	58.40	59		
POLYMERIZED ACRYLIC ACID				
Grape, Wine	1.43	1	32.34	A
Chemical Total	1.43	1		
POLYMERIZED PINENE				
Landscape Maintenance	16.85			
Chemical Total	16.85			
POLYOXIN D, ZINC SALT				
Grape, Wine	150.96	372	3,517.76	A
Landscape Maintenance	1.08			
Chemical Total	152.04	372		
POLY(OXYETHYLENE) (DIMETHYLIMINO) ETHYLENE (DIMETHYLIMINO) ETHYLENE DICHLORIDE				
Water (Industrial)	3.75		43,560.00	C
Chemical Total	3.75			
POLYOXYETHYLENE DIOLEATE				
Landscape Maintenance	13.58			
Chemical Total	13.58			
POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER				
Grape, Wine	2.11	1	39.66	A
Chemical Total	2.11	1		
POLYOXYETHYLENE SORBITAN MONOLAURATE				
Water Area	1.25		1.00	A

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Chemical Total	1.25			
POLYOXYETHYLENE SORBITAN MONOOLEATE				
Landscape Maintenance	3.88			
Chemical Total	3.88			
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER				
Grape, Wine	119.92	1	78.01	A
Chemical Total	119.92	1		
POLYPROPYLENE GLYCOL				
Grape, Wine	1.76	41	436.06	A
Chemical Total	1.76	41		
POTASH SOAP				
Grape, Wine	0.37	1	4.50	A
Landscape Maintenance	9.35			
N-Grnhs Plants In Containers	19.04	12	3.11	A
N-Outdr Plants In Containers	11.26	4	1.79	A
Chemical Total	40.02	17		
POTASSIUM BICARBONATE				
Grape, Wine	19,247.62	590	6,984.82	A
N-Outdr Plants In Containers	1.64	2	1.00	A
Chemical Total	19,249.26	592		
POTASSIUM PHOSPHITE				
Landscape Maintenance	1,264.90			
N-Grnhs Flower	5.53		3.00	U
N-Outdr Flower	0.69		1.00	U
Chemical Total	1,271.11			
PRALLETHRIN				
Structural Pest Control	0.23			
Chemical Total	0.23			
PRODIAMINE				
Landscape Maintenance	39.76			
N-Grnhs Flower	16.01		23.89	A
Structural Pest Control	0.01			
Chemical Total	55.78			
PROPICONAZOLE				
Golf Course Turf	22.73		26.97	A
Landscape Maintenance	34.77			
N-Grnhs Flower	1.30		1.00	A
Chemical Total	58.79			
PROPIONIC ACID				
Grape, Wine	35.65	37	960.76	A
Rights Of Way	9.07			

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Chemical Total	44.72	37		
PROPOXUR				
Structural Pest Control	0.05			
Chemical Total	0.05			
PROPYLENE GLYCOL				
Grape, Wine	235.20	542	6,094.54	A
Landscape Maintenance	4.34			
N-Grnhs Flower	0.07		26.00	U
N-Outdr Flower	< 0.01		1.00	U
Uncultivated Non-Ag	0.24		9.40	A
Chemical Total	239.85	542		
PYRACLOSTROBIN				
Golf Course Turf	5.50		12.50	A
Grape, Wine	3,418.68	1,713	25,136.22	A
Landscape Maintenance	9.32			
Structural Pest Control	0.16			
Chemical Total	3,433.66	1,713		
PYRAFLUFEN-ETHYL				
Grape, Wine	1.90	95	1,217.56	A
Landscape Maintenance	0.08			
Chemical Total	1.98	95		
PYRETHRINS				
Grape, Wine	65.07	142	2,232.64	A
Landscape Maintenance	0.20			
N-Grnhs Flower	0.06	4	14,000.00	S
N-Grnhs Plants In Containers	0.26	14	3.47	A
N-Outdr Plants In Containers	0.06	2	0.76	A
Public Health	0.86			
Regulatory Pest Control	< 0.01			
Structural Pest Control	49.32			
Chemical Total	115.83	162		
PYRIDALYL				
N-Grnhs Plants In Containers	0.09	1	0.47	A
Chemical Total	0.09	1		
PYRIMETHANIL				
Grape, Wine	1,090.07	88	2,563.44	A
Chemical Total	1,090.07	88		
PYRIPROXYFEN				
Landscape Maintenance	35.01			
Regulatory Pest Control	< 0.01			
Structural Pest Control	4.77			
Chemical Total	39.78			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	2,506.03	802	9,623.43	A
N-Grnhs Flower	0.11	3	10,000.00	S
N-Grnhs Plants In Containers	0.78	11	3.01	A
N-Outdr Plants In Containers	0.13	3	0.95	A
Chemical Total	2,507.05	819		
QUILLAJA				
Grape, Wine	106.24	427	4,941.85	A
Olive	0.30	4	0.44	A
Chemical Total	106.54	431		
QUINCLORAC				
Landscape Maintenance	0.01			
Chemical Total	0.01			
QUINCLORAC, DIMETHYLAMINE SALT				
Landscape Maintenance	12.86			
N-Grnhs Flower	8.96		23.89	A
Chemical Total	21.82			
QUINOXYFEN				
Grape, Wine	1,980.32	1,542	21,907.24	A
Chemical Total	1,980.32	1,542		
REYNOUTRIA SACHALINENSIS				
Grape, Wine	1,630.07	581	7,058.01	A
Chemical Total	1,630.07	581		
RIMSULFURON				
Grape, Wine	30.11	106	907.81	A
Landscape Maintenance	0.28			
Rights Of Way	0.25			
Chemical Total	30.64	106		
RONNEL				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SETHOXYDIM				
Grape, Wine	12.09	8	215.61	A
Chemical Total	12.09	8		
SILICA AEROGEL				
Public Health	2.93			
Structural Pest Control	4.36			
Chemical Total	7.29			
SILICONE				
Grape, Wine	10.08	112	1,427.11	A
Chemical Total	10.08	112		

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SILICONE DEFOAMER				
Grape, Wine	0.21	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	0.21	32		
SILICA FILLED POLYDIMETHYLSILOXANE				
Grape, Wine	0.49	3	85.00	A
Water Area	< 0.01		1.00	A
Chemical Total	0.49	3		
SIMAZINE				
Grape, Wine	1,731.23	76	1,319.56	A
Rights Of Way	0.01			
Chemical Total	1,731.24	76		
SODIUM BISULFATE				
Grape, Wine	14.46	7	40.00	A
Chemical Total	14.46	7		
SODIUM BROMIDE				
Water (Industrial)	0.32		144.00	U
Chemical Total	0.32			
SODIUM CARBONATE PEROXYHYDRATE				
Water (Industrial)	539.75		27.80	A
Water Area	20,952.50		6,449,058.00	C
	680.00		1,524.00	K
Total Pounds On This Commodity	21,632.50			
Chemical Total	22,172.25			
SODIUM CYANIDE				
Grape, Wine	2.39	1	13.00	A
Chemical Total	2.39	1		
SODIUM DECYL SULFATE				
Structural Pest Control	0.11			
Chemical Total	0.11			
SODIUM DIOCTYLSULFOSUCCINATE				
Grape, Wine	41.12	98	1,319.84	A
Chemical Total	41.12	98		
SODIUM HYDROXIDE				
Grape, Wine	1.24	1	15.00	A
Chemical Total	1.24	1		
SODIUM HYPOCHLORITE				
Grape, Wine	86.40	34	790.00	A
Water (Industrial)	0.23		144.00	U
Water Filter	1.59		43,560.00	C

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Chemical Total	88.22	34		
SODIUM LAUROAMPHO ACETATE				
Structural Pest Control	0.09			
Chemical Total	0.09			
SODIUM LAURYL SULFATE				
Structural Pest Control	0.06			
Chemical Total	0.06			
SODIUM POLYACRYLATE				
Grape, Wine	3.28	50	1,351.41	A
Uncultivated Ag	0.02	3	3.00	A
Chemical Total	3.30	53		
SODIUM TETRABORATE (PENTAHYDRATE)				
Structural Pest Control	0.88			
Chemical Total	0.88			
SODIUM XYLENE SULFONATE				
Grape, Wine	2.46	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.01			
Chemical Total	2.48	32		
SPINOSAD				
Apricot	< 0.01	2	50.00	U
Grape, Wine	6.57	60	236.87	A
	< 0.01	11	1,349.00	U
Total Pounds On This Commodity	6.58			
Landscape Maintenance	0.25			
N-Grnhs Plants In Containers	0.16	3	1.44	A
N-Outdr Plants In Containers	0.10	3	0.91	A
Olive	0.75	526	919.20	A
	0.15	106	24,216.00	U
Total Pounds On This Commodity	0.89			
Uncultivated Ag	0.01	3	3.00	A
Chemical Total	8.00	714		
SPIROTETRAMAT				
Grape, Wine	1,025.31	539	9,672.95	A
N-Grnhs Plants In Containers	0.13	4	1.70	A
Chemical Total	1,025.44	543		
STARCH				
Grape, Wine	< 0.01	1	7.75	A
Chemical Total	< 0.01	1		
STREPTOMYCES LYDICUS WYEC 108				
Grape, Wine	< 0.01	3	36.87	A
Chemical Total	< 0.01	3		

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STRYCHNINE				
Grape, Wine	2.22	9	470.02	A
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	2.24	9		
STYRENE BUTADIENE COPOLYMER				
Grape, Wine	101.18	152	2,548.60	A
Chemical Total	101.18	152		
SULFENTRAZONE				
Golf Course Turf	0.05		40,000.00	S
Landscape Maintenance	2.46			
Rights Of Way	< 0.01			
Chemical Total	2.52			
SULFOMETURON-METHYL				
Landscape Maintenance	0.27			
Regulatory Pest Control	2.66			
Rights Of Way	9.94			
Chemical Total	12.86			
SULFUR				
Grape, Wine	980,310.27	10,612	161,345.62	A
N-Grnhs Plants In Containers	0.82	2	0.21	A
N-Outdr Plants In Containers	0.63	1	0.18	A
Chemical Total	980,311.73	10,615		
SULFUR DIOXIDE				
Commodity Fumigation	339.73			
Fumigation, Other	23,102.82			
Grape, Wine	4.40		162.00	U
Structural Pest Control	4.00			
Chemical Total	23,450.95			
SULFURYL FLUORIDE				
Structural Pest Control	3,061.46			
Chemical Total	3,061.46			
TALL OIL				
Grape, Wine	18.04	4	298.11	A
Landscape Maintenance	0.06			
Rights Of Way	2.22			
Chemical Total	20.31	4		
TALL OIL FATTY ACIDS				
Almond	< 0.01	1	0.50	A
Cherry	< 0.01	1	0.10	A
Grape, Wine	51.40	328	3,226.38	A
Landscape Maintenance	1.32			
Nectarine	< 0.01	1	0.25	A

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Peach	< 0.01	1	0.25	A
Pear	< 0.01	1	0.10	A
Plum	< 0.01	1	0.10	A
Chemical Total	52.73	334		
TARTRAZINE				
Landscape Maintenance	0.50			
Rights Of Way	0.19			
Water Area	19.63		697,745.00	K
	0.86	1	7.00	A
	0.77		87,120.00	C
	0.38		1.00	U
Total Pounds On This Commodity	21.65			
Chemical Total	22.34	1		
TEBUCONAZOLE				
Golf Course Turf	1.50		2.87	A
Grape, Wine	1,233.23	879	12,552.55	A
Landscape Maintenance	0.01			
Chemical Total	1,234.74	879		
TERRAZOLE				
N-Grnhs Plants In Containers	1.93	3	0.60	A
Chemical Total	1.93	3		
TETRACONAZOLE				
Grape, Wine	789.10	1,557	20,886.99	A
Chemical Total	789.10	1,557		
TETRAMETHRIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	14.97	33	452.66	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.05			
Chemical Total	15.03	33		
TETRAPOTASSIUM PYROPHOSPHATE				
Grape, Wine	1.23	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	1.24	32		
THIAMETHOXAM				
Grape, Wine	369.51	206	4,189.74	A
Landscape Maintenance	1.59			
Structural Pest Control	3.02			
Chemical Total	374.12	206		

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THIOPHANATE-METHYL				
Grape, Wine	741.55	300	3,078.72	A
Landscape Maintenance	52.66			
N-Grnhs Flower	0.31		9.00	U
N-Grnhs Plants In Containers	3.03	2	0.14	A
Structural Pest Control	0.86			
Chemical Total	798.42	302		
THYME				
Structural Pest Control	0.15			
Chemical Total	0.15			
TRIADIMEFON				
Landscape Maintenance	5.19			
N-Outdr Flower	0.09	1	0.50	A
Chemical Total	5.28	1		
TRICLOPYR, BUTOXYETHYL ESTER				
Golf Course Turf	9.72		9.00	A
Landscape Maintenance	122.13			
Pastureland	13.33	1	600.00	A
Rights Of Way	43.05			
Chemical Total	188.22	1		
TRICLOPYR, TRIETHYLAMINE SALT				
Landscape Maintenance	31.43			
Rights Of Way	4.45			
Chemical Total	35.88			
TRIETHANOLAMINE				
Grape, Wine	3.14	32	393.68	A
Landscape Maintenance	< 0.01			
Structural Pest Control	0.02			
Chemical Total	3.16	32		
TRIFLOXYSTROBIN				
Grape, Wine	1,795.70	1,473	22,853.67	A
Landscape Maintenance	2.20			
Chemical Total	1,797.90	1,473		
TRIFLUMIZOLE				
Grape, Wine	2,058.00	773	9,350.07	A
Chemical Total	2,058.00	773		
TRIFLURALIN				
Landscape Maintenance	3.42			
Rights Of Way	0.11			
Chemical Total	3.53			
TRIFORINE				
Landscape Maintenance	0.09			

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Chemical Total	0.09			
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY (OXYETHYLENE)				
Grape, Wine	250.45	219	3,196.80	A
Uncultivated Non-Ag	0.87		9.40	A
Chemical Total	251.32	219		
TRINEXAPAC-ETHYL				
Golf Course Turf	3.86		50.05	A
	0.09		12.00	K
Total Pounds On This Commodity	3.95			
Landscape Maintenance	49.37			
Chemical Total	53.33			
TRITICONAZOLE				
Landscape Maintenance	0.80			
Chemical Total	0.80			
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Grape, Wine	55.89	47	902.75	A
Landscape Maintenance	1.31			
Rights Of Way	4.02			
Water (Industrial)	0.81		7.00	A
Chemical Total	62.04	47		
VINCLOZOLIN				
Landscape Maintenance	12.13			
Chemical Total	12.13			
WARFARIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
YUCCA SCHIDIGERA				
Grape, Wine	53.28	111	417.20	A
Chemical Total	53.28	111		
ZINC PHOSPHIDE				
Grape, Wine	0.53	5	23.74	A
Landscape Maintenance	0.29			
Structural Pest Control	0.19			
Chemical Total	1.02	5		
POLY(OXY-1,2-ETHANEDIYL), ALPHA-HYDRO-OMEGA-HYDROXY-, MONO-C11-14-ISOALKYL ETHERS, C13-RICH, PHOSPHATES				
Grape, Wine	2.30	5	146.94	A
Chemical Total	2.30	5		
BUTYL LACTATE				
Water Area	0.14		1.00	A

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.14			
Napa County Total	1,581,058.84	58,228		