

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

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN				
Almond	3.87	1	150.00	A
Grape, Wine	16.29	126	912.73	A
Landscape Maintenance	0.09			
Regulatory Pest Control	< 0.01			
Research Commodity	< 0.01			
Strawberry	0.01	1	2.00	A
Structural Pest Control	0.14			
Chemical Total	20.41	128		
ABAMECTIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ACEPHATE				
Landscape Maintenance	20.50			
N-Outdr Plants In Containers	7.01	6	6.00	A
Regulatory Pest Control	0.22			
Structural Pest Control	83.60			
Chemical Total	111.34	6		
ACETAMIPRID				
Regulatory Pest Control	0.03			
Structural Pest Control	19.02			
Chemical Total	19.05			
ACIBENZOLAR-S-METHYL				
Landscape Maintenance	1.79			
Chemical Total	1.79			
ACID BLUE 9, DIAMMONIUM SALT				
Water Area	0.22		2.00	A
Chemical Total	0.22			
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER				
Rights Of Way	0.35			
Chemical Total	0.35			
ACRYLIC ACID				
Almond	24.29	1	150.00	A
Grape, Wine	1,582.41	1,836	13,467.80	A
Pistachio	17.14	6	280.00	A
Chemical Total	1,623.84	1,843		
ALCOHOLS, C12-C14, ALIPHATIC				
Rights Of Way	110.41			
Chemical Total	110.41			
ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Structural Pest Control	14.96			

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Chemical Total	14.96			
ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Regulatory Pest Control	2.77			
Research Commodity	0.49			
Structural Pest Control	0.02			
Chemical Total	3.29			
ALKYL (68% C12, 32% C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE				
Regulatory Pest Control	2.77			
Research Commodity	0.49			
Structural Pest Control	0.02			
Chemical Total	3.29			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Broccoli	0.29	2	2.50	A
Cabbage	0.29	2	2.50	A
Cauliflower	0.43	3	3.75	A
Pumpkin	3.68	6	35.00	A
Rights Of Way	13.58			
Tomato	0.07	1	1.00	A
Chemical Total	18.34	14		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Rights Of Way	1.75			
Chemical Total	1.75			
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	18.16	44	115.76	A
Chemical Total	18.16	44		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	2.26	44	115.76	A
Chemical Total	2.26	44		
ALPHA-PINENE BETA-PINENE COPOLYMER				
Lettuce, Leaf	1.02	1	0.30	A
Chemical Total	1.02	1		
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Landscape Maintenance	0.65			
Chemical Total	0.65			
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE				
Rights Of Way	315.46			
Chemical Total	315.46			
ALKYL (C8,C10) POLYGLUCOSIDE				
Grape, Wine	6.96	31	169.35	A

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Rights Of Way	0.02			
Chemical Total	6.98	31		
ALKYL (C12-C15)-POLY(OXYPROPYLENE) POLY(OXYETHYLENE) - IODINE COMPLEX				
Alfalfa	33.35	7	433.00	A
Chemical Total	33.35	7		
ALLETHRIN				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
ALLETHRIN, OTHER RELATED				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
D-TRANS ALLETHRIN				
Landscape Maintenance	< 0.01			
Public Health	0.04			
Regulatory Pest Control	0.23			
Structural Pest Control	0.50			
Chemical Total	0.76			
ALUMINUM PHOSPHIDE				
Almond	3.58		75,600.00	C
Cotton	9.80		70,200.00	C
Fumigation, Other	2.73			
Grain	0.30		8,100.00	C
Grape, Wine	12.73	1	6.00	A
Landscape Maintenance	97.97			
Rice	1.22		30,000.00	C
Vertebrate Control	91.45			
Wheat	0.23		5,400.00	C
Chemical Total	220.01	1		
AMINOCYCLOPYRACHLOR				
Rights Of Way	13.45			
Chemical Total	13.45			
AMINOCYCLOPYRACHLOR, POTASSIUM SALT				
Rights Of Way	0.55			
Chemical Total	0.55			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT				
Golf Course Turf	4.70		2.00	A
Landscape Maintenance	41.39			
Pastureland	0.24	1	10.00	A
Rights Of Way	612.24			
Uncultivated Ag	16.45	29	78.30	A
Chemical Total	675.03	30		
4-AMINOPYRIDINE				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	0.17			
Chemical Total	0.17			
AMMONIUM NITRATE				
Rights Of Way	1.75			
Chemical Total	1.75			
AMMONIUM PROPIONATE				
Rights Of Way	8.49			
Chemical Total	8.49			
AMMONIUM SULFATE				
Grape, Wine	4,268.31	892	5,181.30	A
Olive	0.97	2	2.00	A
Rights Of Way	45.32			
Chemical Total	4,314.60	894		
AZADIRACTIN				
Cabbage	0.02	1	2.00	A
Cauliflower	0.34	11	30.00	A
Landscape Maintenance	1.20			
Pumpkin	0.30	7	45.00	A
Regulatory Pest Control	0.01			
Research Commodity	0.02			
Chemical Total	1.90	19		
AZOXYSTROBIN				
Almond	25.03	1	150.00	A
Golf Course Turf	6.13		11.00	A
	0.13		10,000.00	S
Total Pounds On This Commodity	6.25			
Landscape Maintenance	49.37			
N-Grnhs Flower	3.00		10.00	A
Regulatory Pest Control	0.05			
Research Commodity	< 0.01			
Chemical Total	83.70	1		
BACILLUS AMYLOLIQUEFACIENS STRAIN D747				
Grape, Wine	3,499.39	38	794.42	A
Chemical Total	3,499.39	38		
BACILLUS FIRMUS (STRAIN I-1582)				
Landscape Maintenance	7.00			
Chemical Total	7.00			
BACILLUS PUMILUS, STRAIN QST 2808				
Grape, Wine	0.12	3	2.41	A
Lettuce, Leaf	0.02	1	2.00	A
Tomato	0.03	1	1.00	A
Chemical Total	0.17	5		
BACILLUS SPHAERICUS, SEROTYPE H-5A5B, STRAIN 2362				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Public Health	305.12			
Chemical Total	305.12			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14				
Landscape Maintenance	0.02			
Public Health	262.13			
Regulatory Pest Control	< 0.01			
Chemical Total	262.15			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52				
Public Health	372.26			
Regulatory Pest Control	0.02			
Research Commodity	10.11			
Chemical Total	382.39			
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, SEROTYPE 3A,3B				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
Cabbage	2.16	3	4.00	A
Cauliflower	18.36	11	34.00	A
Grape, Wine	1.08	1	1.50	A
Landscape Maintenance	36.77			
N-Outdr Plants In Containers	0.61	2	2.00	A
Chemical Total	58.98	17		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN HD-1				
Landscape Maintenance	0.31			
Chemical Total	0.31			
BEAUVERIA BASSIANA STRAIN GHA				
Regulatory Pest Control	0.05			
Research Commodity	0.13	4	8,400.00	S
Chemical Total	0.18	4		
BENEFIN				
Landscape Maintenance	1.04			
Rights Of Way	0.43			
Chemical Total	1.47			
BENOMYL				
Structural Pest Control	0.54			
Chemical Total	0.54			
BENZOIC ACID				
Grape, Wine	0.84	20	111.37	A
Landscape Maintenance	0.36			
Rights Of Way	1.10			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	2.31	20		
BIFENAZATE				
Regulatory Pest Control	0.06			
Research Commodity	0.09	6	11,100.00	S
Structural Pest Control	0.02			
Chemical Total	0.17	6		
BIFENTHRIN				
Landscape Maintenance	49.89			
Structural Pest Control	1,326.87			
Chemical Total	1,376.76			
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS				
Alfalfa	6.67	7	433.00	A
Lettuce, Leaf	0.04	1	0.30	A
Rights Of Way	0.40			
Chemical Total	7.11	8		
BISPYRIBAC-SODIUM				
N-Grnhs Flower	0.40		20.00	A
Chemical Total	0.40			
BORAX				
Landscape Maintenance	0.26			
Regulatory Pest Control	0.01			
Rights Of Way	15,751.61			
Structural Pest Control	33.79			
Chemical Total	15,785.67			
BORIC ACID				
Landscape Maintenance	< 0.01			
Structural Pest Control	2,775.91			
Chemical Total	2,775.92			
BOSCALID				
Grape, Wine	528.01	368	2,508.60	A
N-Outdr Plants In Containers	1.23	7	11.50	A
Pistachio	23.63	3	140.00	A
Wheat	< 0.01		20.00	S
Chemical Total	552.87	378		
BRODIFACOUM				
Structural Pest Control	0.04			
Chemical Total	0.05			
BROMACIL				
Landscape Maintenance	1.80			
Rights Of Way	993.20			
Chemical Total	995.00			

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BROMADIOLONE				
Landscape Maintenance	0.01			
Public Health	0.05			
Structural Pest Control	0.44			
Chemical Total	0.50			
BROMETHALIN				
Landscape Maintenance	0.01			
Regulatory Pest Control	0.01			
Structural Pest Control	0.04			
Chemical Total	0.07			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN				
Water (Industrial)	29.81		264.00	U
	5.40		7.00	A
Total Pounds On This Commodity	35.21			
Chemical Total	35.21			
BROMOXYNIL HEPTANOATE				
Oat (Forage - Fodder)	1.72	1	10.00	A
Chemical Total	1.72	1		
BROMOXYNIL OCTANOATE				
Oat (Forage - Fodder)	1.78	1	10.00	A
Chemical Total	1.78	1		
BUPROFEZIN				
Regulatory Pest Control	0.12			
Chemical Total	0.12			
2-BUTOXYETHANOL				
Rights Of Way	283.91			
Chemical Total	283.91			
BUTYL ALCOHOL				
Grape, Wine	2.37	14	57.99	A
Rights Of Way	45.59			
Chemical Total	47.96	14		
CADMIUM CHLORIDE				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
CALCIUM HYPOCHLORITE				
Ditch Bank	1,292.00		12.00	U
Landscape Maintenance	1,914.20			
Chemical Total	3,206.20			
CAPRIC ACID				
Grape, Wine	3.79	1	0.66	A

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Chemical Total	3.79	1		
CAPRYLIC ACID				
Grape, Wine	5.57	1	0.66	A
Chemical Total	5.57	1		
CAPSICUM OLEORESIN				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
CARBARYL				
Golf Course Turf	217.64		62.00	A
Chemical Total	217.64			
CARBON				
Landscape Maintenance	1.27			
Pastureland	3.50	2	3.50	A
Rangeland	9.63	2	16.00	A
Regulatory Pest Control	0.28			
Rights Of Way	20.56			
Structural Pest Control	0.02			
Vertebrate Control	45.18			
Chemical Total	80.44	4		
CARFENTRAZONE-ETHYL				
Golf Course Turf	0.22		16.80	A
Grape, Wine	20.15	127	960.01	A
Landscape Maintenance	14.29			
Rights Of Way	1.83			
Chemical Total	36.49	127		
CASTOR OIL ETHOXYLATE				
Rights Of Way	0.05			
Chemical Total	0.05			
CHLORANTRANILIPROLE				
Golf Course Turf	10.41		79.20	A
Landscape Maintenance	7.30			
N-Outdr Plants In Containers	2.10	3	30.00	A
Structural Pest Control	30.07			
Chemical Total	49.88	3		
CHLORFENAPYR				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	0.05			
Research Commodity	0.07			
Structural Pest Control	320.31			
Chemical Total	320.44			
CHLORFLURENOL, METHYL ESTER				
Landscape Maintenance	4.51			

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Chemical Total	4.51			
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	12.47		363.00	U
	0.33		4.00	A
Total Pounds On This Commodity	12.80			
Chemical Total	12.80			
CHLOROPHACINONE				
Landscape Maintenance	0.11			
Rights Of Way	0.25			
Structural Pest Control	< 0.01			
Chemical Total	0.37			
CHLOROTHALONIL				
Golf Course Turf	403.52		45.00	A
	2.34		10,000.00	S
Total Pounds On This Commodity	405.86			
Landscape Maintenance	1,954.05			
N-Grnhs Flower	34.82			
N-Outdr Flower	0.75	1	2.00	A
N-Outdr Plants In Containers	11.32	5	11.00	A
Wheat	0.09		800.00	S
Chemical Total	2,406.89	6		
CHLORPYRIFOS				
Landscape Maintenance	0.21			
N-Outdr Plants In Containers	2.69	2	4.50	A
Structural Pest Control	1.63			
Chemical Total	4.53	2		
CHLORSULFURON				
Landscape Maintenance	9.54			
Rights Of Way	28.73			
Chemical Total	38.27			
CHOLECALCIFEROL				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	< 0.01			
Structural Pest Control	2.81			
Chemical Total	2.82			
CHROMOBACTERIUM SUBSUGAE STRAIN PRAA4-1				
N-Outdr Plants In Containers	18.00	3	30.00	A
Chemical Total	18.00	3		
CITRIC ACID				
Grape, Wine	4.30	44	115.76	A
Rights Of Way	4.70			
Chemical Total	9.00	44		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				

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Landscape Maintenance	8.47			
Research Commodity	0.02			
Total Pounds On This Commodity	0.04	1	150.00	S
Wheat	< 0.01		100.00	S
Chemical Total	8.51	1		
CLETHODIM				
Landscape Maintenance	1.57			
Rights Of Way	0.92			
Uncultivated Ag	20.73	29	78.30	A
Chemical Total	23.23	29		
CLOPYRALID				
Landscape Maintenance	0.02			
Chemical Total	0.02			
CLOPYRALID, MONOETHANOLAMINE SALT				
Landscape Maintenance	6.08			
Chemical Total	6.08			
CLOPYRALID, TRIETHYLAMINE SALT				
Golf Course Turf	3.98		16.80	A
	0.11		18,000.00	S
Total Pounds On This Commodity	4.09			
Landscape Maintenance	6.30			
N-Grnhs Flower	5.75		20.00	A
Chemical Total	16.14			
CLOTHIANIDIN				
Golf Course Turf	16.40		38.00	A
	0.09		10,000.00	S
Total Pounds On This Commodity	16.49			
Landscape Maintenance	11.53			
Structural Pest Control	0.26			
Chemical Total	28.28			
COCONUT DIETHANOLAMIDE				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	5.73			
Chemical Total	5.73	1		
COPPER				
Landscape Maintenance	6.68			
Chemical Total	6.68			
COPPER AMMONIUM COMPLEX				
Landscape Maintenance	0.16			
Chemical Total	0.16			
COPPER DIAMMONIUM DIACETATE COMPLEX				
Landscape Maintenance	18.08			

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Chemical Total	18.08			
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Landscape Maintenance	7.01			
Structural Pest Control	0.02			
Water Area	117.43		60.00	A
Chemical Total	124.45			
COPPER HYDROXIDE				
Grape, Wine	700.69	74	1,495.78	A
Landscape Maintenance	47.24			
N-Outdr Plants In Containers	2.91	2	2.00	A
Rights Of Way	1,122.53			
Structural Pest Control	0.15			
Chemical Total	1,873.51	76		
COPPER NAPHTHENATE				
Structural Pest Control	0.31			
Chemical Total	0.31			
COPPER OXYCHLORIDE				
Grape, Wine	16.42	5	23.50	A
Landscape Maintenance	0.62			
Chemical Total	17.04	5		
COPPER SALTS OF FATTY AND ROSIN ACIDS				
N-Outdr Plants In Containers	2.73	1	3.00	A
Chemical Total	2.73	1		
COPPER SULFATE (BASIC)				
Grape, Wine	144.08	4	67.55	A
Chemical Total	144.08	4		
COPPER SULFATE (PENTAHYDRATE)				
Landscape Maintenance	167.31			
N-Outdr Plants In Containers	1.56	4	5.00	A
Research Commodity	< 0.01			
Water (Industrial)	0.12		1.00	A
Chemical Total	169.00	4		
COYOTE URINE				
Structural Pest Control	0.01			
Chemical Total	0.01			
CUBE EXTRACTS				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
CYANTRANILIPROLE				
Regulatory Pest Control	0.03			
Chemical Total	0.03			

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CYAZOFAMID				
Landscape Maintenance	0.07			
Chemical Total	0.07			
CYFLUMETOFEN				
Almond	10.06	2	55.00	A
Chemical Total	10.06	2		
CYFLUTHRIN				
N-Outdr Plants In Containers	0.01	1	1.00	A
Regulatory Pest Control	0.01			
Research Commodity	0.07			
Structural Pest Control	2,051.29			
Chemical Total	2,051.38	1		
BETA-CYFLUTHRIN				
Landscape Maintenance	0.43			
Regulatory Pest Control	< 0.01			
Rights Of Way	0.16			
Structural Pest Control	377.46			
Chemical Total	378.05			
CYPERMETHRIN				
Landscape Maintenance	770.84			
Structural Pest Control	64.02			
Chemical Total	834.87			
(S)-CYPERMETHRIN				
Structural Pest Control	0.64			
Chemical Total	0.64			
CYPRODINIL				
Grape, Wine	509.01	334	1,884.17	A
Pistachio	41.78	5	160.00	A
Chemical Total	550.79	339		
2,4-D				
Landscape Maintenance	11.56			
Chemical Total	11.56			
2,4-D, DIMETHYLAMINE SALT				
Landscape Maintenance	32.57			
Oat (Forage - Fodder)	16.47	3	28.00	A
Regulatory Pest Control	3.40			
Rights Of Way	15.83			
Structural Pest Control	0.05			
Water Area	1.13		0.25	A
Wheat	4.09	1	5.00	A
Chemical Total	73.53	4		
2,4-D, 2-ETHYLHEXYL ESTER				

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Golf Course Turf	1.98		12.80	A
Landscape Maintenance	282.50			
Rights Of Way	35.54			
Chemical Total	320.03			
2,4-D, ISOCTYL ESTER				
Landscape Maintenance	0.81			
Chemical Total	0.81			
2,4-D, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	10.46			
Chemical Total	10.46			
2,4-D, TRIISOPROPYLAMINE SALT				
Golf Course Turf	23.07		10.00	A
Landscape Maintenance	55.94			
Chemical Total	79.01			
DDVP				
Structural Pest Control	51.41			
Chemical Total	51.41			
DDVP, OTHER RELATED				
Structural Pest Control	3.87			
Chemical Total	3.87			
DELTAMETHRIN				
Landscape Maintenance	4.82			
Public Health	< 0.01			
Regulatory Pest Control	0.58			
Structural Pest Control	110.31			
Chemical Total	115.71			
DELTAMETHRIN, OTHER RELATED				
Structural Pest Control	0.05			
Chemical Total	0.05			
DEXTRIN				
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	0.01			
DIATOMACEOUS EARTH				
Broccoli	50.00	1	1.25	A
Cabbage	50.00	1	1.25	A
Lettuce, Leaf	50.00	1	1.25	A
Structural Pest Control	161.89			
Chemical Total	311.89	3		
DIATOMACEOUS EARTH, OTHER RELATED				
Structural Pest Control	< 0.01			

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Chemical Total	< 0.01			
DIAZINON				
N-Outdr Plants In Containers	3.22	3	6.50	A
Structural Pest Control	1.59			
Chemical Total	4.82	3		
2,2-DIBROMO-3-NITRILOPROPIONAMIDE				
Water (Industrial)	21.56		264.00	U
Chemical Total	21.56			
DICAMBA				
Golf Course Turf	0.13		12.80	A
Landscape Maintenance	21.31			
Rights Of Way	2.27			
Chemical Total	23.70			
DICAMBA, DIMETHYLAMINE SALT				
Golf Course Turf	1.12		10.00	A
Landscape Maintenance	8.22			
Structural Pest Control	< 0.01			
Chemical Total	9.35			
DICHOLOBENIL				
Rights Of Way	2,803.66			
Unknown	1,513.01		91,009.00	U
Chemical Total	4,316.67			
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN				
Water (Industrial)	15.90		264.00	U
	2.47		7.00	A
Total Pounds On This Commodity	18.36			
Chemical Total	18.36			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN				
Water (Industrial)	8.75		264.00	U
	0.95		7.00	A
Total Pounds On This Commodity	9.70			
Chemical Total	9.70			
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.05			
Chemical Total	0.05			
DIETHYLENE GLYCOL				
Grape, Wine	202.82	69	1,472.28	A
Landscape Maintenance	1.43			
Pistachio	9.38	3	140.00	A
Rights Of Way	110.97			
Chemical Total	324.59	72		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIFENOCONAZOLE				
Almond	15.68	1	150.00	A
Grape, Wine	163.61	340	1,776.52	A
Landscape Maintenance	3.17			
Pistachio	14.56	5	160.00	A
Chemical Total	197.01	346		
DIFETHIALONE				
Structural Pest Control	0.21			
Chemical Total	0.21			
DIFLUBENZURON				
Research Commodity	< 0.01			
Structural Pest Control	0.10			
Chemical Total	0.10			
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID				
Landscape Maintenance	1.76			
Rights Of Way	116.32			
Chemical Total	118.08			
DIKEGULAC SODIUM				
Landscape Maintenance	33.56			
Rights Of Way	22.11			
Chemical Total	55.68			
DIMETHENAMID-P				
Landscape Maintenance	0.91			
Chemical Total	0.91			
DIMETHYL ALKYL TERTIARY AMINES				
Grape, Wine	0.92	20	111.37	A
Landscape Maintenance	0.40			
Rights Of Way	1.20			
Chemical Total	2.51	20		
DIMETHYLPOLYSILOXANE				
Alfalfa	0.95	7	433.00	A
Almond	1.68	3	205.00	A
Grape, Wine	125.60	2,156	16,402.10	A
Landscape Maintenance	1.56			
Pistachio	1.35	9	420.00	A
Rights Of Way	3.04			
Chemical Total	134.19	2,175		
DIMETHYL SILICONE FLUID EMULSION				
Rights Of Way	8.89			
Chemical Total	8.89			
DINOTEFURAN				
Landscape Maintenance	26.18			
N-Outdr Plants In Containers	0.30	1	1.50	A

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Research Commodity	0.12			
Structural Pest Control	35.91			
Chemical Total	62.51	1		
DIOCTYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.02			
Chemical Total	0.02			
DIPHACINONE				
Grape, Wine	0.03	45	346.87	A
Landscape Maintenance	0.09			
Public Health	0.03			
Rangeland	0.02	1	31.00	A
Rights Of Way	0.95			
Structural Pest Control	0.03			
Uncultivated Ag	0.01		70.00	A
Vertebrate Control	2.51			
Chemical Total	3.66	46		
DIPHACINONE, SODIUM SALT				
Grape, Wine	0.01	30	275.37	A
Structural Pest Control	< 0.01			
Chemical Total	0.01	30		
DIQUAT DIBROMIDE				
Grape, Wine	0.90	1	5.90	A
Landscape Maintenance	98.74			
Rights Of Way	896.84			
Structural Pest Control	234.94			
Water Area	7.94		6.50	A
Chemical Total	1,239.36	1		
DISODIUM OCTABORATE TETRAHYDRATE				
Landscape Maintenance	0.24			
Rights Of Way	121.00			
Structural Pest Control	12,535.02			
Chemical Total	12,656.26			
DITHIOPYR				
Golf Course Turf	0.06		10,000.00	S
Landscape Maintenance	220.47			
Rights Of Way	595.44			
Chemical Total	815.98			
DIURON				
Grape, Wine	40.92	28	205.44	A
Landscape Maintenance	248.46			
Olive	0.74	2	2.00	A
Rights Of Way	489.07			
Chemical Total	779.20	30		
DODECYLBENZENE SULFONIC ACID				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	24.83			
Chemical Total	24.84	1		
EDTA, TETRASODIUM SALT				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	1.53			
Chemical Total	1.53	1		
(E,E)-9, 11-TETRADECADIEN-1-YL ACETATE				
N-Outdr Plants In Containers	0.09	2	20.00	A
Chemical Total	0.09	2		
EMAMECTIN BENZOATE				
Landscape Maintenance	0.12			
Chemical Total	0.12			
EMULSIFIABLE METHYLATED VEGETABLE OIL				
Rights Of Way	0.45			
Chemical Total	0.45			
ENDOTHALL, DIPOTASSIUM SALT				
Landscape Maintenance	10.58			
Water Area	8.46		3.00	A
Chemical Total	19.04			
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT				
Landscape Maintenance	11.35			
Rights Of Way	386.00			
Chemical Total	397.35			
ESFENVALERATE				
Structural Pest Control	13.57			
Chemical Total	13.57			
ETHEPHON				
Golf Course Turf	71.87		18.40	A
Landscape Maintenance	563.15			
Chemical Total	635.02			
ETOFENPROX				
Public Health	0.06			
Regulatory Pest Control	< 0.01			
Structural Pest Control	2.86			
Chemical Total	2.93			
ETHOFUMESATE				
Landscape Maintenance	75.13			
Chemical Total	75.13			
ETOXAZOLE				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	32.43	12	240.37	A
Regulatory Pest Control	< 0.01			
Chemical Total	32.43	12		
FATTY ACIDS, MIXED				
Landscape Maintenance	3.58			
Pistachio	16.70	3	140.00	A
Rights Of Way	197.63			
Chemical Total	217.91	3		
FATTY ACIDS DERIVED FROM TALLOW				
Landscape Maintenance	0.26			
Chemical Total	0.26			
FENARIMOL				
Grape, Wine	0.14	2	3.00	A
Chemical Total	0.14	2		
FENHEXAMID				
Grape, Wine	1.14	3	11.90	A
Chemical Total	1.14	3		
FENOXYCARB				
Structural Pest Control	0.50			
Chemical Total	0.50			
FENPYROXIMATE				
Grape, Wine	1.36	2	11.80	A
Regulatory Pest Control	0.04			
Chemical Total	1.40	2		
FERRIC SODIUM EDTA				
Landscape Maintenance	3.32			
Chemical Total	3.32			
FIPRONIL				
Landscape Maintenance	0.06			
Public Health	< 0.01			
Regulatory Pest Control	0.05			
Rights Of Way	< 0.01			
Structural Pest Control	4,621.69			
Chemical Total	4,621.80			
FLONICAMID				
Regulatory Pest Control	0.09			
Research Commodity	0.23			
Chemical Total	0.32			
FLUAZIFOP-BUTYL				
Landscape Maintenance	0.23			
Chemical Total	0.23			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FLUAZIFOP-P-BUTYL				
Golf Course Turf	0.16		3,000.00	S
Landscape Maintenance	6.69			
Rights Of Way	3.91			
Chemical Total	10.75			
FLUAZINAM				
Landscape Maintenance	12.98			
Chemical Total	12.98			
FLUDIOXONIL				
Golf Course Turf	9.24		6.00	A
	0.16		10,000.00	S
Total Pounds On This Commodity	9.39			
Grape, Wine	2.06	2	18.00	A
Landscape Maintenance	18.59			
N-Outdr Plants In Containers	0.14	1	3.00	A
Chemical Total	30.19	3		
FLUMIOXAZIN				
Almond	81.75	3	213.75	A
Grape, Wine	120.20	148	717.61	A
Landscape Maintenance	36.14			
Rights Of Way	16.03			
Chemical Total	254.12	151		
FLUOPICOLIDE				
Landscape Maintenance	0.16			
Chemical Total	0.16			
FLUOPYRAM				
Grape, Wine	37.07	24	429.25	A
Pistachio	12.44	1	120.00	A
Chemical Total	49.52	25		
FLURECOL-METHYL				
Landscape Maintenance	1.08			
Chemical Total	1.08			
FLURIDONE				
Landscape Maintenance	3.31			
Chemical Total	3.31			
FLUROXYPYR, 1-METHYLHEPTYL ESTER				
Landscape Maintenance	1.58			
Chemical Total	1.58			
FLUTOLANIL				
Golf Course Turf	89.95		13.19	A
	6.30		30,000.00	S
Total Pounds On This Commodity	96.25			

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Landscape Maintenance	152.25			
Chemical Total	248.50			
TAU-FLUVALINATE				
Landscape Maintenance	1.15			
Research Commodity	0.11			
Chemical Total	1.26			
FLUXAPYROXAD				
Golf Course Turf	2.07		9.00	A
Landscape Maintenance	2.76			
Chemical Total	4.84			
FORAMSULFURON				
Landscape Maintenance	4.52			
Chemical Total	4.52			
FOSETYL-AL				
Golf Course Turf	44.00		6.00	A
Landscape Maintenance	1,012.76			
Chemical Total	1,056.76			
FOX URINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
FREON 12				
Structural Pest Control	0.13			
Chemical Total	0.13			
GAMMA-CYHALOTHRIN				
Structural Pest Control	67.63			
Chemical Total	67.63			
GLUFOSINATE-AMMONIUM				
Grape, Wine	1,058.47	144	959.14	A
Landscape Maintenance	1.75			
Chemical Total	1,060.23	144		
GLUTARALDEHYDE				
Water (Industrial)	923.63		220.00	U
	100.42		9.00	A
Total Pounds On This Commodity	1,024.05			
Chemical Total	1,024.05			
GLYCEROL				
Rights Of Way	0.15			
Chemical Total	0.15			
GLYPHOSATE, DIMETHYLAMINE SALT				
Rights Of Way	3,365.67			

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Chemical Total	3,365.67			
GLYPHOSATE, ISOPROPYLAMINE SALT				
Almond	563.48	6	457.09	A
Golf Course Turf	1.31		7,000.00	S
Grape, Wine	6,230.87	884	5,112.70	A
Landscape Maintenance	8,376.11			
N-Outdr Flower	32.40	5	44.00	A
N-Outdr Plants In Containers	254.53	11	191.00	A
	1.50			
Total Pounds On This Commodity	256.02			
Olive	1.50	2	2.00	A
Pastureland	20.70	6	6.25	A
Pistachio	109.03	1	54.55	A
Rights Of Way	18,048.19			
Structural Pest Control	3.99			
Uncultivated Ag	17.89	6	8.75	A
Water Area	19.83		5.23	A
Chemical Total	33,681.32	921		
GLYPHOSATE, MONOAMMONIUM SALT				
Landscape Maintenance	328.49			
Chemical Total	328.49			
GLYPHOSATE, POTASSIUM SALT				
Alfalfa	658.20	7	433.00	A
Cauliflower	2.07	2	8.00	A
Grape, Wine	1,104.29	38	270.65	A
Landscape Maintenance	6,973.16			
N-Grnhs Flower	49.65		20.00	A
Pumpkin	46.89	5	33.00	A
Regulatory Pest Control	1.65			
Rights Of Way	2,409.77			
Chemical Total	11,245.68	52		
HALOSULFURON-METHYL				
Landscape Maintenance	0.32			
Chemical Total	0.32			
HEPTAMETHYLTRISILOXANE ETHOXYLATED				
Almond	2.90	2	55.00	A
Grape, Wine	15.20	232	1,345.31	A
Chemical Total	18.10	234		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Landscape Maintenance	0.92			
Chemical Total	0.92			
HEPTYL BUTYRATE				
Structural Pest Control	0.08			
Chemical Total	0.08			

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HEXYLENE GLYCOL				
Rights Of Way	283.91			
Chemical Total	283.91			
HEXYTHIAZOX				
Landscape Maintenance	0.06			
Regulatory Pest Control	< 0.01			
Chemical Total	0.07			
HYDRAMETHYLNON				
Structural Pest Control	1.09			
Chemical Total	1.09			
HYDROGEN CHLORIDE				
Landscape Maintenance	3.04			
Chemical Total	3.04			
HYDROGEN PEROXIDE				
Grape, Wine	129.39	4	48.72	A
Landscape Maintenance	2,133.88			
Chemical Total	2,263.27	4		
HYDROPRENE				
Landscape Maintenance	0.16			
Structural Pest Control	31.71			
Chemical Total	31.87			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
Grape, Wine	110.28	7	383.55	A
Rights Of Way	0.37			
Chemical Total	110.65	7		
IMAZAMETHABENZ				
Structural Pest Control	1.02			
Chemical Total	1.02			
IMAZAPYR, ISOPROPYLAMINE SALT				
Landscape Maintenance	97.56			
Rights Of Way	48.18			
Structural Pest Control	0.02			
Water Area	101.63		13.00	A
Chemical Total	247.40			
IMIDACLOPRID				
Grape, Wine	364.24	255	1,930.38	A
Landscape Maintenance	179.54			
N-Outdr Flower	5.04		135.00	U
N-Outdr Plants In Containers	43.20	36	342.00	A
Regulatory Pest Control	0.04			
Research Commodity	0.12	13	580.00	U

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
	0.07			
Total Pounds On This Commodity	0.20	< 0.01	1	0.50 A
Rights Of Way		< 0.01		
Structural Pest Control		772.83		
Wheat		0.03		750.00 S
Chemical Total		1,365.11	305	
INDAZIFLAM				
Grape, Wine		2.91	14	49.38 A
Landscape Maintenance		11.85		
Pistachio		3.55	1	54.55 A
Rights Of Way		221.20		
Chemical Total		239.52	15	
INDOXACARB				
Landscape Maintenance		1.03		
Regulatory Pest Control		3.01		
Structural Pest Control		338.52		
Chemical Total		342.56		
IPIRODIONE				
Golf Course Turf		156.27		28.00 A
		1.52		10,000.00 S
Total Pounds On This Commodity	157.79			
Landscape Maintenance		336.27		
Chemical Total		494.06		
IRON HEDTA				
Landscape Maintenance		0.24		
Chemical Total		0.24		
IRON PHOSPHATE				
Cauliflower		2.00	3	6.00 A
Landscape Maintenance		25.41		
Lettuce, Leaf		1.49	3	6.00 A
Structural Pest Control		1.88		
Chemical Total		30.77	6	
ISOPROPYL ALCOHOL				
Grape, Wine		< 0.01	1	0.13 A
Landscape Maintenance		65.74		
Rights Of Way		500.59		
Structural Pest Control		19.23		
Chemical Total		585.56	1	
ISOPROPYLAMINE DODECYLBENZENE SULFONATE				
Landscape Maintenance		0.33		
Chemical Total		0.33		
ISOXABEN				
Grape, Wine		429.28	233	1,331.07 A

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Landscape Maintenance	472.66			
N-Outdr Flower	1.50	1	2.00	A
N-Outdr Plants In Containers	3.30	37	37.00	A
Regulatory Pest Control	0.16			
Rights Of Way	668.76			
Chemical Total	1,575.67	271		
KEROSENE				
Grape, Wine	1.63	20	111.37	A
Landscape Maintenance	0.71			
Rights Of Way	2.13			
Chemical Total	4.47	20		
(S)-KINOPRENE				
Landscape Maintenance	0.28			
Research Commodity	0.33			
Wheat	< 0.01		40.00	S
Chemical Total	0.61			
KRESOXIM-METHYL				
Grape, Wine	226.09	274	1,822.83	A
Regulatory Pest Control	0.15			
Chemical Total	226.23	274		
LAMBDA-CYHALOTHRIN				
Golf Course Turf	0.84		18.39	A
Landscape Maintenance	0.01			
Pistachio	5.20	5	160.00	A
Rights Of Way	0.08			
Structural Pest Control	71.65			
Chemical Total	77.78	5		
LECITHIN				
Landscape Maintenance	158.74			
Rights Of Way	990.10			
Chemical Total	1,148.84			
LIME-SULFUR				
Grape, Wine	0.38	1	0.15	A
Chemical Total	0.38	1		
LIMONENE				
Structural Pest Control	1,803.59			
Chemical Total	1,803.59			
LINALOOL				
Structural Pest Control	1.31			
Chemical Total	1.31			
MAGNESIUM PHOSPHIDE				
Almond	3.91		42,500.00	C
Commodity Fumigation	7.95			

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Landscape Maintenance	1.79			
Structural Pest Control	82.18			
Chemical Total	95.83			
MALATHION				
Landscape Maintenance	0.03			
Chemical Total	0.03			
MANCOZEB				
Landscape Maintenance	817.37			
N-Outdr Plants In Containers	7.31	5	5.00	A
Chemical Total	824.68	5		
MANEB				
Structural Pest Control	0.06			
Chemical Total	0.06			
MCPA, DIMETHYLAMINE SALT				
Landscape Maintenance	20.12			
Oat (Forage - Fodder)	28.22	3	70.00	A
Wheat (Forage - Fodder)	29.12	8	363.00	A
Chemical Total	77.46	11		
MCPA, ISOOCTYL ESTER				
Landscape Maintenance	19.63			
Chemical Total	19.63			
MCPP				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
MCPP, DIMETHYLAMINE SALT				
Landscape Maintenance	0.12			
Chemical Total	0.12			
MCPP, POTASSIUM SALT				
Landscape Maintenance	28.94			
Chemical Total	28.94			
MCPP-P, DIMETHYLAMINE SALT				
Golf Course Turf	3.98		10.00	A
Landscape Maintenance	35.82			
Structural Pest Control	0.01			
Chemical Total	39.81			
MECOPROP-P				
Golf Course Turf	0.50		12.80	A
Landscape Maintenance	71.41			
Rights Of Way	9.01			
Chemical Total	80.93			

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MEFENOXAM				
Golf Course Turf	5.86		6.00	A
Landscape Maintenance	3.81			
N-Grnhs Flower	19.59		10.00	A
	< 0.01		3.00	U
Total Pounds On This Commodity	19.60			
N-Outdr Flower	3.92		10.00	A
N-Outdr Plants In Containers	1.06	8	21.00	A
Chemical Total	34.24	8		
MEFENOXAM, OTHER RELATED				
Golf Course Turf	0.18		6.00	A
Landscape Maintenance	0.12			
N-Grnhs Flower	0.64		10.00	A
	< 0.01		3.00	U
Total Pounds On This Commodity	0.64			
N-Outdr Flower	0.13		10.00	A
N-Outdr Plants In Containers	0.03	8	21.00	A
Chemical Total	1.11	8		
MEFLUIDIDE, DIETHANOLAMINE SALT				
Landscape Maintenance	112.37			
Rights Of Way	2.15			
Chemical Total	114.52			
METALAXYL				
Regulatory Pest Control	< 0.01			
Chemical Total	< 0.01			
METALDEHYDE				
Landscape Maintenance	23.26			
Chemical Total	23.26			
METAM-SODIUM				
Rights Of Way	32,341.67			
Unknown	907.81		91,009.00	U
Chemical Total	33,249.48			
METCONAZOLE				
Landscape Maintenance	14.59			
Chemical Total	14.59			
METHOMYL				
Structural Pest Control	0.01			
Chemical Total	0.01			
METHOPRENE				
Public Health	10.46			
Regulatory Pest Control	< 0.01			
Structural Pest Control	4.37			
Chemical Total	14.83			

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S-METHOPRENE				
Public Health	22.11			
Structural Pest Control	0.64			
Chemical Total	22.76			
METHOXYFENOZIDE				
Grape, Wine	209.73	38	941.92	A
N-Outdr Plants In Containers	0.42	2	20.00	A
Chemical Total	210.16	40		
METHYL ANTHRANILATE				
Structural Pest Control	1.03			
Chemical Total	1.03			
METHYLATED FATTY ACIDS FROM CANOLA OIL				
Landscape Maintenance	6.80			
Chemical Total	6.80			
METHYLATED SOYBEAN OIL				
Grape, Wine	625.03	78	531.65	A
Landscape Maintenance	99.38			
Rights Of Way	671.15			
Chemical Total	1,395.56	78		
METHYL BROMIDE				
Almond	40.50		21,600.00	C
Bamboo Shoots	6,992.64		1,079,963.00	C
Bean, Dried	24.50		7,784.00	C
Bean, Succulent	4.00		1,082.00	C
Bean, Unspecified	2.00		1,350.00	C
Chestnut	35.60		5,930.25	C
Fumigation, Other	2,080.06			
Prune	2.00		1,200.00	C
Vetch	95.40		25,571.50	C
Walnut	25.50		18,900.00	C
Chemical Total	9,302.20			
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE				
Landscape Maintenance	0.82			
Chemical Total	0.82			
METHYLENE CHLORIDE				
Structural Pest Control	0.07			
Chemical Total	0.07			
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	4.38		363.00	U
	0.12		4.00	A
Total Pounds On This Commodity	4.50			
Chemical Total	4.50			
METHYL SILICONE RESINS				

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	0.42			
Rights Of Way	0.02			
Chemical Total	0.44			
METIRAM				
Structural Pest Control	0.40			
Chemical Total	0.40			
METRAFENONE				
Grape, Wine	204.33	59	819.97	A
Chemical Total	204.33	59		
MINERAL OIL				
Grape, Wine	1,212.47	111	452.17	A
Landscape Maintenance	145.86			
Lettuce, Leaf	0.36	1	0.30	A
N-Outdr Plants In Containers	871.43	77	751.00	A
Public Health	0.30			
Rights Of Way	713.57			
Chemical Total	2,943.99	189		
MSMA				
Landscape Maintenance	0.13			
Chemical Total	0.13			
MUSCALURE				
Structural Pest Control	0.13			
Chemical Total	0.13			
MYCLOBUTANIL				
Grape, Wine	263.26	388	2,487.20	A
Landscape Maintenance	6.79			
N-Grnhs Plants In Containers	< 0.01		1,200.00	S
N-Outdr Plants In Containers	0.40	7	7.25	A
Regulatory Pest Control	0.02			
Research Commodity	< 0.01			
Wheat	< 0.01		3,099.00	S
Chemical Total	270.49	395		
MYROTHECIUM VERRUCARIA, DRIED FERMENTATION SOLIDS & SOLUBLES, STRAIN AARC-0255				
Grape, Wine	72.00	1	8.00	A
Chemical Total	72.00	1		
NAA, AMMONIUM SALT				
Landscape Maintenance	1.48			
Chemical Total	1.48			
NALED				
Grape, Wine	0.61	1	0.64	A
Chemical Total	0.61	1		

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
NONANOIC ACID				
Landscape Maintenance	8.19			
Chemical Total	8.19			
NONANOIC ACID, OTHER RELATED				
Landscape Maintenance	0.43			
Chemical Total	0.43			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	130.01	187	2,070.73	A
Landscape Maintenance	244.82			
Olive	0.07	2	2.00	A
Pistachio	24.43	3	140.00	A
Rights Of Way	2,643.33			
Chemical Total	3,042.66	192		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), BRANCHED				
Rights Of Way	15.42			
Chemical Total	15.42			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Almond	90.70	1	150.00	A
Grape, Wine	5,997.34	1,896	13,892.50	A
Olive	0.37	2	2.00	A
Pistachio	64.00	6	280.00	A
Rights Of Way	6.15			
Chemical Total	6,158.56	1,905		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT				
Regulatory Pest Control	0.03			
Water Area	0.05		3.98	A
Chemical Total	0.08			
NOVALURON				
Structural Pest Control	0.07			
Chemical Total	0.07			
NOVIFLUMURON				
Structural Pest Control	0.66			
Chemical Total	0.66			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Landscape Maintenance	0.03			
Structural Pest Control	86.66			
Chemical Total	86.69			
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.03			

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Chemical Total	0.03			
OLEIC ACID, ETHYL ESTER				
Landscape Maintenance	37.43			
Rights Of Way	0.09			
Chemical Total	37.53			
OLEIC ACID, METHYL ESTER				
Almond	19.27	2	55.00	A
Grape, Wine	175.70	237	1,562.86	A
Landscape Maintenance	98.34			
Public Health	363.85			
Rights Of Way	9.27			
Chemical Total	666.43	239		
ORYZALIN				
Grape, Wine	86.64	18	52.46	A
Landscape Maintenance	384.85			
Rights Of Way	92.24			
Chemical Total	563.73	18		
OXADIAZON				
Landscape Maintenance	193.93			
N-Outdr Plants In Containers	76.00	10	71.00	A
Rights Of Way	15.50			
Chemical Total	285.43	10		
OXYFLUORFEN				
Grape, Wine	469.93	351	1,965.48	A
Landscape Maintenance	0.60			
Pistachio	27.70	1	54.55	A
Rights Of Way	192.82			
Chemical Total	691.05	352		
OXYTETRACYCLINE HYDROCHLORIDE				
Landscape Maintenance	1.60			
Chemical Total	1.61			
PACLOBUTRAZOL				
Golf Course Turf	4.64		13.79	A
Landscape Maintenance	24.50			
Chemical Total	29.14			
PARATHION				
Landscape Maintenance	3.54			
Chemical Total	3.54			
PARATHION, OTHER RELATED				
Landscape Maintenance	0.17			
Chemical Total	0.17			

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PCNB				
Landscape Maintenance	333.30			
Chemical Total	333.30			
PENDIMETHALIN				
Grape, Wine	1,552.44	122	634.31	A
Landscape Maintenance	961.33			
N-Outdr Flower	9.47	1	2.00	A
Pistachio	103.33	1	54.55	A
Rights Of Way	79.55			
Chemical Total	2,706.12	124		
PENOX SULAM				
Landscape Maintenance	3.44			
Rights Of Way	1.46			
Chemical Total	4.90			
PENTHIOPYRAD				
Landscape Maintenance	5.28			
Chemical Total	5.28			
PERMETHRIN				
Landscape Maintenance	54.01			
N-Grnhs Flower	0.05		1.00	U
N-Outdr Plants In Containers	1.23	4	4.00	A
Pistachio	24.07	1	120.00	A
Regulatory Pest Control	0.34			
Structural Pest Control	291.55			
Chemical Total	371.26	5		
PERMETHRIN, OTHER RELATED				
Structural Pest Control	0.15			
Chemical Total	0.15			
PEROXYACETIC ACID				
Landscape Maintenance	157.48			
Chemical Total	157.48			
PETROLEUM DISTILLATES				
Landscape Maintenance	47.61			
Structural Pest Control	26.97			
Chemical Total	74.58			
PETROLEUM DISTILLATES, AROMATIC				
Landscape Maintenance	< 0.01			
Structural Pest Control	0.14			
Chemical Total	0.14			
PETROLEUM DISTILLATES, REFINED				
Grape, Wine	32,791.04	638	4,329.30	A
Landscape Maintenance	2.46			
Public Health	14,937.88			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Regulatory Pest Control	0.11			
Chemical Total	47,731.50	638		
PETROLEUM OIL, PARAFFIN BASED				
Landscape Maintenance	57.39			
Regulatory Pest Control	6.08			
Water Area	10.64		3.98	A
Chemical Total	74.10			
PETROLEUM OIL, UNCLASSIFIED				
Landscape Maintenance	557.58			
N-Outdr Plants In Containers	46.69	4	4.00	A
Structural Pest Control	0.26			
Chemical Total	604.53	4		
PHENOTHRIN				
Landscape Maintenance	0.01			
Public Health	0.04			
Regulatory Pest Control	0.21			
Structural Pest Control	2.28			
Chemical Total	2.53			
PHENYLETHYL PROPIONATE				
Structural Pest Control	1.87			
Chemical Total	1.87			
PHOSPHINE				
Almond	1.20		16,200.00	C
Bean, Dried	0.26		3,000.00	C
Fumigation, Other	0.60			
Pistachio	0.75		14,600.00	C
Rice	429.95		11,113,999.00	C
	41.75		1,030.90	K
Total Pounds On This Commodity	471.70			
Chemical Total	474.51			
PHOSPHORIC ACID				
Almond	2.75	1	150.00	A
Grape, Wine	179.34	1,837	13,467.93	A
Landscape Maintenance	4.89			
Pistachio	1.94	6	280.00	A
Rights Of Way	0.05			
Chemical Total	188.98	1,844		
PINE OIL				
Structural Pest Control	0.02			
Chemical Total	0.02			
PIPERALIN				
Research Commodity	0.13			
Wheat	< 0.01		40.00	S
Chemical Total	0.13			

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PIPERONYL BUTOXIDE				
Landscape Maintenance	1.43			
Public Health	2.99			
Regulatory Pest Control	0.07			
Structural Pest Control	774.07			
Chemical Total	778.55			
PIPERONYL BUTOXIDE, OTHER RELATED				
Landscape Maintenance	0.35			
Public Health	0.73			
Regulatory Pest Control	0.01			
Structural Pest Control	164.44			
Chemical Total	165.53			
POLYACRYLAMIDE POLYMER				
Rights Of Way	58.44			
Chemical Total	58.44			
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
Landscape Maintenance	4.40			
Chemical Total	4.40			
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE				
Broccoli	0.20	4	5.00	A
Cabbage	0.63	10	13.00	A
Cauliflower	5.15	32	83.50	A
Lettuce, Leaf	0.39	6	6.50	A
Pumpkin	4.23	12	79.00	A
Chemical Total	10.61	64		
POLYBUTENES				
Structural Pest Control	0.61			
Vertebrate Control	54.15			
Chemical Total	54.76			
POLYETHER MODIFIED POLYSILOXANE				
Rights Of Way	0.02			
Chemical Total	0.02			
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER				
Landscape Maintenance	6.74			
Chemical Total	6.74			
POLYETHYLENE GLYCOL STEARATE				
Landscape Maintenance	0.12			
Chemical Total	0.12			
POLYOXIN D, ZINC SALT				
Golf Course Turf	1.63		6.00	A
Landscape Maintenance	4.61			

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N-Grnhs Flower	0.81		3.00	A
Chemical Total	7.05			
POLY(OXYETHYLENE) (DIMETHYLIMINO) ETHYLENE (DIMETHYLIMINO) ETHYLENE DICHLORIDE				
Landscape Maintenance	54.32			
Chemical Total	54.32			
POLYOXYETHYLENE DIOLEATE				
Landscape Maintenance	6.47			
Rights Of Way	0.02			
Chemical Total	6.48			
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS				
Regulatory Pest Control	0.94			
Water Area	1.64		3.98	A
Chemical Total	2.58			
POLYOXYETHYLENE SORBITAN MONOOLEATE				
Landscape Maintenance	3.16			
Rights Of Way	< 0.01			
Chemical Total	3.16			
POLYOXYETHYLENE SORBITAN TRIOLEATE				
Landscape Maintenance	8.61			
Chemical Total	8.61			
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER				
Rights Of Way	0.38			
Chemical Total	0.38			
POLYPROPYLENE GLYCOL				
Landscape Maintenance	0.50			
Rights Of Way	0.03			
Chemical Total	0.53			
POLYSACCHARIDE POLYMER				
Rights Of Way	3.84			
Chemical Total	3.84			
POLYSORBATE 65				
Rights Of Way	1.67			
Chemical Total	1.67			
POTASH SOAP				
Broccoli	6.25	2	2.50	A
Cabbage	22.90	5	6.50	A
Cauliflower	184.26	17	45.75	A
Landscape Maintenance	6.13			
Lettuce, Leaf	20.82	3	2.40	A
Melon	0.26	2	0.40	A

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Pumpkin	129.09	7	45.00	A
Regulatory Pest Control	12.04			
Chemical Total	381.75	36		
POTASSIUM BICARBONATE				
Grape, Wine	369.39	12	88.95	A
Regulatory Pest Control	0.20			
Research Commodity	0.32			
Wheat	0.75		3,960.00	S
Chemical Total	370.66	12		
POTASSIUM HYDROXIDE				
Rights Of Way	0.05			
Chemical Total	0.05			
POTASSIUM NITRATE				
Landscape Maintenance	0.18			
Structural Pest Control	0.11			
Chemical Total	0.29			
POTASSIUM PHOSPHITE				
Landscape Maintenance	418.37			
N-Grnhs Flower	1.29		1.00	U
Chemical Total	419.66			
PRALLETHRIN				
Structural Pest Control	4.24			
Chemical Total	4.24			
PRODIAMINE				
Landscape Maintenance	360.00			
Rights Of Way	42.01			
Structural Pest Control	1.40			
Chemical Total	403.41			
PROPICONAZOLE				
Golf Course Turf	16.63		16.71	A
Landscape Maintenance	181.41			
N-Grnhs Flower	4.57			
Turf/Sod	2.70		4.40	A
Chemical Total	205.31			
PROPIONIC ACID				
Rights Of Way	9.01			
Chemical Total	9.01			
PROPOXUR				
Structural Pest Control	0.77			
Chemical Total	0.77			
PROPYLENE GLYCOL				

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Alfalfa	9.53	7	433.00	A
Landscape Maintenance	4.55			
Chemical Total	14.08	7		
PROPYZAMIDE				
Landscape Maintenance	8.36			
Chemical Total	8.36			
PYMETROZINE				
Landscape Maintenance	0.02			
Research Commodity	0.04			
Chemical Total	0.06			
PYRACLOSTROBIN				
Golf Course Turf	4.13		9.00	A
Grape, Wine	268.20	368	2,508.60	A
Landscape Maintenance	25.55			
N-Outdr Plants In Containers	2.62	8	12.50	A
Pistachio	12.00	3	140.00	A
Wheat	< 0.01		20.00	S
Chemical Total	312.51	379		
PYRAFLUFEN-ETHYL				
Grape, Wine	2.32	63	439.93	A
Chemical Total	2.32	63		
PYRETHRINS				
Broccoli	0.04	2	2.50	A
Cabbage	0.12	5	6.50	A
Cauliflower	0.91	17	45.75	A
Landscape Maintenance	0.59			
Lettuce, Leaf	0.10	3	2.40	A
Melon	< 0.01	2	0.40	A
Public Health	0.60			
Pumpkin	0.59	7	45.00	A
Regulatory Pest Control	0.01			
Structural Pest Control	121.71			
Tomato	0.02	1	1.00	A
Chemical Total	124.70	37		
PYRIDALYL				
Landscape Maintenance	0.02			
Chemical Total	0.02			
PYRIPROXYFEN				
Landscape Maintenance	0.31			
Research Commodity	0.07			
Structural Pest Control	9.08			
Chemical Total	9.46			
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
Grape, Wine	0.24	1	1.20	A

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Landscape Maintenance	< 0.01			
Regulatory Pest Control	0.02			
Chemical Total	0.26	1		
QUINCLORAC				
Landscape Maintenance	3.45			
Chemical Total	3.45			
QUINCLORAC, DIMETHYLAMINE SALT				
Golf Course Turf	0.08		15,000.00	S
Landscape Maintenance	6.92			
Chemical Total	7.00			
QUINOXYFEN				
Grape, Wine	103.57	45	1,097.12	A
Chemical Total	103.57	45		
RESMETHRIN				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
RESMETHRIN, OTHER RELATED				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
REYNOUTRIA SACHALINENSIS				
Lettuce, Leaf	0.08	1	2.00	A
Research Commodity	< 0.01			
Tomato	0.11	1	1.00	A
Wheat	< 0.01		9.00	S
Chemical Total	0.19	2		
RIMSULFURON				
Grape, Wine	17.79	229	1,327.99	A
Landscape Maintenance	1.39			
Rights Of Way	23.29			
Chemical Total	42.47	229		
ROTENONE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SETHOXYDIM				
Grape, Wine	16.91	26	204.12	A
Landscape Maintenance	3.22			
Chemical Total	20.13	26		
SIDURON				
Landscape Maintenance	7.50			
Chemical Total	7.50			

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SILICA AEROGEL				
Landscape Maintenance	0.03			
Public Health	5.48			
Structural Pest Control	101.75			
Chemical Total	107.25			
SILICONE DEFOAMER				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	0.65			
Chemical Total	0.65	1		
SODIUM BROMIDE				
Water (Industrial)	213.44		572.00	U
	0.12		4.00	A
Total Pounds On This Commodity	213.56			
Chemical Total	213.56			
SODIUM CARBONATE PEROXYHYDRATE				
Landscape Maintenance	42.50			
Chemical Total	42.50			
SODIUM DECYL SULFATE				
Structural Pest Control	75.32			
Chemical Total	75.32			
SODIUM DICHLORO-S-TRIAZINETRIONE				
Water (Industrial)	99.00		240.00	U
Chemical Total	99.00			
SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE				
Landscape Maintenance	3,581.03			
Chemical Total	3,581.03			
SODIUM HYPOCHLORITE				
Landscape Maintenance	83.72			
Regulatory Pest Control	43.03			
Water (Industrial)	18.56		451.00	U
	1.17		4.85	A
Total Pounds On This Commodity	19.72			
Water Filter	114.77		12.00	A
	1.08		3.00	U
Total Pounds On This Commodity	115.85			
Chemical Total	262.33			
SODIUM LAUROAMPHO ACETATE				
Structural Pest Control	56.85			
Chemical Total	56.85			
SODIUM LAURYL SULFATE				
Structural Pest Control	38.37			
Chemical Total	38.37			

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SODIUM NITRATE				
Landscape Maintenance	2.35			
Pastureland	6.63	2	3.50	A
Rangeland	18.22	2	16.00	A
Regulatory Pest Control	1.50			
Rights Of Way	38.92			
Vertebrate Control	85.89			
Chemical Total	153.51	4		
SODIUM ALPHA-OLEFIN (C14-C16) SULFONATE				
Rights Of Way	2,160.87			
Chemical Total	2,160.87			
SODIUM POLYACRYLATE				
Rights Of Way	0.24			
Chemical Total	0.24			
SODIUM XYLENE SULFONATE				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	7.64			
Chemical Total	7.64	1		
SORBITAN FATTY ACID ESTERS				
Regulatory Pest Control	0.21			
Water Area	0.36		3.98	A
Chemical Total	0.56			
SORBITAN MONOOLEATE				
Grape, Wine	4.64	31	169.35	A
Chemical Total	4.64	31		
SORBITAN TRIOLEATE				
Rights Of Way	1.67			
Chemical Total	1.67			
SPINETORAM				
Landscape Maintenance	0.02			
Chemical Total	0.02			
SPINOSAD				
Landscape Maintenance	0.24			
Lettuce, Leaf	0.04	1	2.00	A
N-Outdr Plants In Containers	1.58	2	11.00	A
Olive	0.36	47	649.00	A
Public Health	79.53			
Pumpkin	0.06	1	2.00	A
Research Commodity	< 0.01	1	0.50	A
	< 0.01			
Total Pounds On This Commodity	< 0.01			
Wheat	< 0.01		380.00	S
Chemical Total	81.81	52		

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SPIROMESIFEN				
Landscape Maintenance	0.11			
Chemical Total	0.11			
SPIROTETRAMAT				
Grape, Wine	200.11	144	1,711.29	A
Landscape Maintenance	< 0.01			
N-Outdr Plants In Containers	3.07	69	685.00	A
Regulatory Pest Control	0.01			
Research Commodity	0.04	4	205.00	U
	0.02	4	8,400.00	S
Total Pounds On This Commodity	0.06			
Chemical Total	203.25	221		
STREPTOMYCES LYDICUS WYEC 108				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
STREPTOMYCIN SULFATE				
Landscape Maintenance	0.04			
Chemical Total	0.04			
STRYCHNINE				
Landscape Maintenance	4.55			
Rights Of Way	0.06			
Structural Pest Control	0.02			
Vertebrate Control	0.10			
Chemical Total	4.74			
SULFAQUINOXALINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SULFENTRAZONE				
Landscape Maintenance	11.41			
Rights Of Way	57.12			
Chemical Total	68.52			
SULFLURAMID				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SULFOMETURON-METHYL				
Landscape Maintenance	20.29			
Rights Of Way	299.20			
Structural Pest Control	0.01			
Chemical Total	319.51			
SULFOSULFURON				
Landscape Maintenance	0.89			

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Chemical Total	0.89			
SULFUR				
Grape, Wine	24,256.43	1,212	9,962.32	A
Landscape Maintenance	7.19			
N-Grnhs Plants In Containers	0.03			
Regulatory Pest Control	5.30			
Research Commodity	0.24			
Structural Pest Control	0.11			
Vegetables, Leafy	245.00	1	6.00	A
Vertebrate Control	0.44			
Wheat	0.38		2,800.00	S
Chemical Total	24,515.12	1,213		
SULFUR DIOXIDE				
Commodity Fumigation	15.10			
Fumigation, Other	85.54			
Regulatory Pest Control	0.99			
Chemical Total	101.63			
SULFURIC ACID				
Alfalfa	3.81	7	433.00	A
Chemical Total	3.81	7		
SULFURYL FLUORIDE				
Structural Pest Control	60,669.81			
Chemical Total	60,669.81			
TALL OIL				
Landscape Maintenance	15.31			
Rights Of Way	0.05			
Chemical Total	15.36			
TALL OIL FATTY ACIDS				
Grape, Wine	127.26	58	420.28	A
Landscape Maintenance	0.19			
Lettuce, Leaf	0.01	1	0.30	A
Rights Of Way	193.02			
Chemical Total	320.49	59		
TARTRAZINE				
Water Area	0.02		2.00	A
Chemical Total	0.02			
TEBUCONAZOLE				
Grape, Wine	212.18	270	1,965.83	A
Landscape Maintenance	10.10			
Pistachio	12.44	1	120.00	A
Structural Pest Control	< 0.01			
Chemical Total	234.72	271		
TEBUTHIURON				

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Rights Of Way	75.78			
Chemical Total	75.78			
TETRACHLOROETHYLENE				
Structural Pest Control	0.20			
Chemical Total	0.20			
TETRACONAZOLE				
Grape, Wine	0.09	3	2.60	A
Chemical Total	0.09	3		
Z,E-9,12-TETRADECADIEN-1-YL ACETATE				
Structural Pest Control	7.10			
Chemical Total	7.10			
E-11-TETRADECEN-1-YL ACETATE				
N-Outdr Plants In Containers	2.18	2	20.00	A
Chemical Total	2.18	2		
TETRAMETHRIN				
Landscape Maintenance	0.01			
Public Health	0.12			
Regulatory Pest Control	0.01			
Structural Pest Control	0.03			
Chemical Total	0.18			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	0.01	1	0.13	A
Landscape Maintenance	29.11			
Chemical Total	29.12	1		
TETRAPOTASSIUM PYROPHOSPHATE				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	3.82			
Chemical Total	3.82	1		
THIABENDAZOLE, HYPOPHOSPHITE SALT				
Landscape Maintenance	0.02			
Chemical Total	0.02			
THIAMETHOXAM				
Grape, Wine	21.72	31	237.01	A
Structural Pest Control	1.40			
Chemical Total	23.12	31		
THIOPHANATE-METHYL				
Golf Course Turf	208.19		36.60	A
	5.74		10,000.00	K
	4.66		20,000.00	S
Total Pounds On This Commodity	218.60			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	437.96			
N-Outdr Plants In Containers	1.25	2	3.00	A
Regulatory Pest Control	0.29			
Research Commodity	0.06			
Chemical Total	658.16	2		
THIRAM				
Landscape Maintenance	0.03			
Chemical Total	0.03			
THYME				
Structural Pest Control	2.71			
Chemical Total	2.71			
TRIADIMEFON				
Golf Course Turf	11.94		9.00	A
Landscape Maintenance	1.19			
Research Commodity	< 0.01	2	2,500.00	S
	< 0.01			
Total Pounds On This Commodity	< 0.01			
Chemical Total	13.13	2		
TRICHLOROFLUOROMETHANE				
Structural Pest Control	0.13			
Chemical Total	0.13			
TRICHLORO-S-TRIAZINETRIONE				
Landscape Maintenance	2,424.14			
Water (Industrial)	9.90		24.00	U
Chemical Total	2,434.04			
TRICLOPYR, BUTOXYETHYL ESTER				
Golf Course Turf	1.78		1.50	A
Landscape Maintenance	1,632.65			
Regulatory Pest Control	1.36			
Rights Of Way	768.84			
Structural Pest Control	11.08			
Uncultivated Ag	1.30	2	4.30	A
Chemical Total	2,417.02	2		
TRICLOPYR, TRIETHYLAMINE SALT				
Golf Course Turf	10.85		16.80	A
	0.31		18,000.00	S
Total Pounds On This Commodity	11.16			
Landscape Maintenance	65.63			
N-Grnhs Flower	15.67		20.00	A
Rights Of Way	176.19			
Structural Pest Control	0.03			
Chemical Total	268.67			
ALPHA-TRIDECYL-OMEGA-HYDROXPOLY(OXYETHANOL) PHOSPHATE				
Rights Of Way	0.37			

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Chemical Total	0.37			
TRIETHANOLAMINE				
Grape, Wine	< 0.01	1	0.13	A
Landscape Maintenance	9.74			
Chemical Total	9.75	1		
TRIFLOXYSTROBIN				
Golf Course Turf	5.72		22.00	A
Grape, Wine	143.77	275	2,290.47	A
Landscape Maintenance	19.24			
Regulatory Pest Control	0.11			
Research Commodity	< 0.01			
Chemical Total	168.83	275		
TRIFLOXYSULFURON-SODIUM				
Landscape Maintenance	0.58			
Chemical Total	0.58			
TRIFLUMIZOLE				
Grape, Wine	625.25	392	2,527.41	A
Chemical Total	625.25	392		
TRIFLURALIN				
Landscape Maintenance	129.17			
N-Outdr Plants In Containers	13.20	37	37.00	A
Rights Of Way	23.21			
Chemical Total	165.58	37		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXPOLY (OXYETHYLENE)				
Almond	3.54	2	55.00	A
Grape, Wine	18.57	232	1,345.31	A
Landscape Maintenance	12.57			
Chemical Total	34.68	234		
TRINEXAPAC-ETHYL				
Golf Course Turf	70.95		540.34	A
Landscape Maintenance	86.77			
N-Gmhs Flower	0.13		3.00	A
Chemical Total	157.84			
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	127.26	58	420.28	A
Landscape Maintenance	83.09			
Pistachio	24.43	3	140.00	A
Rights Of Way	778.85			
Chemical Total	1,013.63	61		
UREA DIHYDROGEN SULFATE				
Rights Of Way	0.22			

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Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.22			
WARFARIN				
Landscape Maintenance	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
XYLENE				
Landscape Maintenance	4.14			
Chemical Total	4.15			
ZINC PHOSPHIDE				
Landscape Maintenance	3.92			
Structural Pest Control	0.82			
Vertebrate Control	0.20			
Chemical Total	4.94			
Alameda County Total	356,309.58	11,606		