

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ABAMECTIN				
Almond	15.88	4	758.38	A
Grape, Wine	10.89	83	536.50	A
Landscape Maintenance	0.11			
N-Outdr Plants In Containers	< 0.01	1	1.00	A
Regulatory Pest Control	< 0.01			
Research Commodity	0.02			
Structural Pest Control	0.11			
Chemical Total	27.00	88		
ABAMECTIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ACEPHATE				
Landscape Maintenance	11.01			
N-Outdr Plants In Containers	5.30	6	6.00	A
Regulatory Pest Control	0.18			
Structural Pest Control	1,353.12			
Chemical Total	1,369.61	6		
ACEQUINOCYL				
Regulatory Pest Control	0.04			
Chemical Total	0.04			
ACETAMIPRID				
Landscape Maintenance	0.46			
Structural Pest Control	2.21			
Chemical Total	2.67			
ACIBENZOLAR-S-METHYL				
Landscape Maintenance	2.34			
Chemical Total	2.34			
ACRYLIC ACID				
Almond	157.17	7	1,288.38	A
Grape, Wine	26.09	334	1,539.69	A
Olive	0.25	10	4.50	A
Pistachio	21.22	4	260.00	A
Chemical Total	204.73	355		
ALCOHOLS, C12-C14, ALIPHATIC				
Rights Of Way	104.22			
Chemical Total	104.22			
ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Structural Pest Control	1.80			
Chemical Total	1.80			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Landscape Maintenance	0.11			
Regulatory Pest Control	1.62			
Structural Pest Control	< 0.01			
Chemical Total	1.73			
ALKYL (68% C12, 32% C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE				
Landscape Maintenance	0.11			
Regulatory Pest Control	1.62			
Structural Pest Control	< 0.01			
Chemical Total	1.73			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Cabbage	0.07	1	2.00	A
Grape, Wine	0.42	1	7.00	A
Rights Of Way	3.48			
Squash, Zucchini	0.05	1	0.20	A
Chemical Total	4.02	3		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	21.12	1	150.00	A
Rights Of Way	3.48			
Chemical Total	24.59	1		
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	0.26	3	22.03	A
Landscape Maintenance	94.43			
Chemical Total	94.70	3		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	0.03	3	22.03	A
Landscape Maintenance	11.73			
Chemical Total	11.77	3		
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Landscape Maintenance	17.40			
Chemical Total	17.40			
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE				
Rights Of Way	297.78			
Chemical Total	297.78			
ALKYL (C8,C10) POLYGLUCOSIDE				
Grape, Wine	2.86	34	69.59	A
Landscape Maintenance	8.86			
Chemical Total	11.72	34		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
D-TRANS ALLETHRIN				
Landscape Maintenance	< 0.01			
Public Health	< 0.01			
Regulatory Pest Control	0.04			
Structural Pest Control	0.67			
Chemical Total	0.72			
ALLYLOXYPOLYETHYLENE GLYCOL ACETATE				
Rights Of Way	0.08			
Chemical Total	0.08			
ALUMINUM PHOSPHIDE				
Almond	5.16		97,400.00	C
Cotton	13.82		153,000.00	C
Fumigation, Other	1.20			
Grain	0.20		5,400.00	C
Landscape Maintenance	91.05			
Vertebrate Control	4.78			
Chemical Total	116.21			
AMINOCYCLOPYRACHLOR				
Landscape Maintenance	0.59			
Chemical Total	0.59			
AMINOCYCLOPYRACHLOR, POTASSIUM SALT				
Rights Of Way	11.44			
Chemical Total	11.44			
AMINOPYRALID, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	78.44			
Rights Of Way	400.82			
Uncultivated Ag	5.23	14	504,030.00	S
Chemical Total	484.49	14		
4-AMINOPYRIDINE				
Structural Pest Control	0.10			
Chemical Total	0.10			
AMMONIUM NONANOATE				
Landscape Maintenance	113.70			
Chemical Total	113.70			
AMMONIUM NITRATE				
Grape, Wine	0.05	1	7.00	A
Landscape Maintenance	3.35			
Rights Of Way	0.45			
Chemical Total	3.85	1		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
AMMONIUM PROPIONATE				
Rights Of Way	14.61			
Chemical Total	14.61			
AMMONIUM SULFATE				
Alfalfa	30.94	2	360.00	A
Almond	193.37	2	350.00	A
Grape, Wine	8.66	36	78.38	A
Landscape Maintenance	6.70			
Rights Of Way	14.75			
Wheat	26.31	1	170.00	A
Chemical Total	280.74	41		
ASPERGILLUS FLAVUS STRAIN AF36				
Pistachio	< 0.01	1	120.00	A
Chemical Total	< 0.01	1		
AZADIRACTIN				
Grape, Wine	0.06	2	3.00	A
Landscape Maintenance	0.08			
N-Grnhs Transplants	1.95	23	92,596.00	S
Regulatory Pest Control	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	2.10	25		
AZOXYSTROBIN				
Almond	157.69	4	758.38	A
Golf Course Turf	2.50		4.59	A
Grape, Wine	1.36	1	6.00	A
Landscape Maintenance	60.84			
Regulatory Pest Control	< 0.01			
Chemical Total	222.40	5		
BACILLUS FIRMUS (STRAIN I-1582)				
Landscape Maintenance	26.25			
Chemical Total	26.25			
BACILLUS PUMILUS, STRAIN QST 2808				
Grape, Wine	0.18	1	1.20	A
Chemical Total	0.18	1		
BACILLUS SPHAERICUS 2362, SEROTYPE H5A5B, STRAIN ABTS 1743 FERMENTATION SOLIDS, SPORES AND INSECTICIDAL TOXINS				
Public Health	220.85			
Chemical Total	220.85			
BACILLUS SUBTILIS GB03				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
BACILLUS THURINGIENSIS (BERLINER), SUBSP. ISRAELENIS, SEROTYPE H-14				
Landscape Maintenance	0.01			
Public Health	81.15			
Chemical Total	81.16			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52				
N-Grnhs Transplants	13.00	6	23,484.00	S
Public Health	358.97			
Research Commodity	4.19			
Chemical Total	376.16	6		
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
Cabbage	1.35	3	5.00	A
Cauliflower	0.54	1	2.00	A
Landscape Maintenance	31.03			
N-Grnhs Transplants	< 0.01	1	250.00	S
Chemical Total	32.93	5		
BEAUVERIA BASSIANA STRAIN GHA				
Industrial Hemp	0.05	2	4,140.00	S
N-Grnhs Transplants	8.58	57	202,107.00	S
	6.61	30	30,911.00	U
Total Pounds On This Commodity	15.19			
Chemical Total	15.24	89		
BENEFIN				
Landscape Maintenance	1.71			
Chemical Total	1.71			
BENSULIDE				
Landscape Maintenance	25.58			
Chemical Total	25.58			
BENZOIC ACID				
Grape, Wine	0.22	6	58.28	A
Oat (Forage - Fodder)	1.41	4	260.00	A
Olive	0.32	1	15.00	A
Rights Of Way	0.06			
Wheat (Forage - Fodder)	0.11	1	20.00	A
Chemical Total	2.12	12		
BIFENAZATE				
Landscape Maintenance	0.16			
Regulatory Pest Control	0.02			
Research Commodity	0.13	6	14,400.00	S
	0.07			
Total Pounds On This Commodity	0.20			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	0.25			
Chemical Total	0.64	6		
BIFENTHRIN				
Almond	150.32	4	758.38	A
Landscape Maintenance	34.54			
Pistachio	27.99	3	140.00	A
Regulatory Pest Control	0.02			
Structural Pest Control	1,925.95			
Chemical Total	2,138.82	7		
N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS				
Almond	2.33	2	222.00	A
Grape, Wine	9.68	227	1,432.09	A
Olive	2.82	4	39.00	A
Chemical Total	14.83	233		
N,N-BIS-(2-(OMEGA-HYDROXPOLY(OXYETHYLENE)/POLY(OXYPROPYLENE))ETHYL)ALKYL (C8-C18) AMINE				
Landscape Maintenance	4.07			
Chemical Total	4.07			
BISPYRIBAC-SODIUM				
N-Grnhs Flower	0.40		20.00	A
Chemical Total	0.40			
BORAX				
Landscape Maintenance	0.11			
Rights Of Way	38.06			
Structural Pest Control	17.78			
Chemical Total	55.95			
BORIC ACID				
Landscape Maintenance	0.03			
Regulatory Pest Control	0.14			
Structural Pest Control	2,114.11			
Chemical Total	2,114.28			
BOSCALID				
Grape, Wine	206.41	224	1,336.20	A
Landscape Maintenance	< 0.01			
N-Outdr Plants In Containers	0.13	1	1.00	A
Pistachio	26.46	3	140.00	A
Chemical Total	233.01	228		
BRODIFACOU				
Landscape Maintenance	< 0.01			
Public Health	< 0.01			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	0.11			
Chemical Total	0.12			
BROMACIL				
Grape, Wine	8.78	1	18.75	A
Landscape Maintenance	2.00			
Rights Of Way	479.06			
Chemical Total	489.84	1		
BROMADIOLONE				
Landscape Maintenance	< 0.01			
Public Health	0.06			
Regulatory Pest Control	< 0.01			
Structural Pest Control	1.00			
Vertebrate Control	0.01			
Chemical Total	1.07			
BROMETHALIN				
Landscape Maintenance	0.03			
Public Health	< 0.01			
Regulatory Pest Control	0.01			
Structural Pest Control	0.11			
Vertebrate Control	< 0.01			
Chemical Total	0.16			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN				
Water (Industrial)	249.70		4.00	A
	127.38		51.00	U
Total Pounds On This Commodity	377.08			
Chemical Total	377.08			
BROMOXYNIL HEPTANOATE				
Wheat (Forage - Fodder)	13.76	1	80.00	A
Chemical Total	13.76	1		
BROMOXYNIL OCTANOATE				
Barley (Forage - Fodder)	20.33	2	38.00	A
Wheat (Forage - Fodder)	115.46	4	269.00	A
Chemical Total	135.79	6		
BUPROFEZIN				
Regulatory Pest Control	0.36			
Chemical Total	0.36			
BURKHOLDERIA SP STRAIN A396 CELLS AND FERMENTATION MEDIA				
Industrial Hemp	1.01	1	2,070.00	S
N-Grnhs Transplants	13.72	7	46,300.00	S
Chemical Total	14.73	8		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2-BUTOXYETHANOL				
Rights Of Way	268.00			
Chemical Total	268.00			
BUTYL ALCOHOL				
Grape, Wine	2.78	12	30.50	A
Landscape Maintenance	0.19			
Oat (Forage - Fodder)	3.50	4	260.00	A
Pastureland	1.24	1	120.00	A
Rights Of Way	0.41			
Wheat (Forage - Fodder)	0.31	1	20.00	A
Chemical Total	8.44	18		
CALCIUM HYPOCHLORITE				
Landscape Maintenance	3,933.80			
Chemical Total	3,933.80			
CANOLA OIL				
Structural Pest Control	1.50			
Chemical Total	1.50			
CAPRIC ACID				
Landscape Maintenance	53.76			
Rights Of Way	15.53			
Chemical Total	69.29			
CAPRYLIC ACID				
Landscape Maintenance	78.96			
Rights Of Way	22.81			
Chemical Total	101.77			
CAPSICUM OLEORESIN				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
CAPTAN				
Landscape Maintenance	0.48			
Chemical Total	0.48			
CAPTAN, OTHER RELATED				
Landscape Maintenance	0.03			
Chemical Total	0.03			
CARBARYL				
Golf Course Turf	32.67		76.00	A
Chemical Total	32.67			
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT				

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Industrial Hemp	0.01	2	4,140.00	S
Chemical Total	0.01	2		
CARBON				
Landscape Maintenance	17.54			
Rangeland	1.75	1	20.00	A
Structural Pest Control	2.37			
Vertebrate Control	49.89			
Chemical Total	71.56	1		
CARBOXIN				
Landscape Maintenance	0.50			
Chemical Total	0.50			
CARFENTRAZONE-ETHYL				
Golf Course Turf	3.22		57.77	A
	0.05		80,000.00	S
Total Pounds On This Commodity	3.27			
Grape, Wine	20.34	357	1,567.70	A
Landscape Maintenance	15.75			
Oat (Forage - Fodder)	3.81	4	260.00	A
Olive	0.15	10	4.50	A
Pastureland	3.50	1	120.00	A
Rights Of Way	0.14			
Wheat	2.49	1	170.00	A
Wheat (Forage - Fodder)	0.49	3	31.00	A
Chemical Total	49.94	376		
CASTOR OIL ETHOXYLATE				
Grape, Wine	6.11	22	145.02	A
Chemical Total	6.11	22		
CHENOPODIUM AMBRSIODES NEAR AMBRSIODES				
Grape, Wine	4.15	3	44.25	A
Chemical Total	4.15	3		
CHLORANTRANILIPROLE				
Almond	43.13	3	530.00	A
Golf Course Turf	15.88		111.00	A
Landscape Maintenance	6.86			
Structural Pest Control	101.50			
Chemical Total	167.37	3		
CHLORFENAPYR				
Regulatory Pest Control	0.20			
Research Commodity	0.04			
Structural Pest Control	133.63			
Chemical Total	133.86			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
CHLORFLURENOL, METHYL ESTER				
Landscape Maintenance	4.62			
Chemical Total	4.62			
CHLORINE DIOXIDE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	2.26		192.00	U
	1.80		3.00	A
Total Pounds On This Commodity	4.07			
Chemical Total	4.07			
CHLOROPHACINONE				
Landscape Maintenance	0.02			
Rights Of Way	0.28			
Structural Pest Control	< 0.01			
Chemical Total	0.30			
CHLOROPICRIN				
Structural Pest Control	32.92			
Chemical Total	32.92			
CHLOROTHALONIL				
Golf Course Turf	581.94		52.06	A
	15.09		80,000.00	S
Total Pounds On This Commodity	597.03			
Landscape Maintenance	1,885.83			
N-Outdr Flower	12.36	2	33.00	A
N-Outdr Plants In Containers	1.44	1	1.00	A
Chemical Total	2,496.67	3		
CHLORPYRIFOS				
Structural Pest Control	31.89			
Chemical Total	31.89			
CHLORSULFURON				
Landscape Maintenance	6.45			
Rights Of Way	11.64			
Chemical Total	18.09			
CHOLECALCIFEROL				
Landscape Maintenance	< 0.01			
Structural Pest Control	1.19			
Chemical Total	1.20			
CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1				
Industrial Hemp	0.13	2	4,140.00	S

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Grnhs Transplants	0.23	2	11,300.00	S
Chemical Total	0.36	4		
CITRIC ACID				
Alfalfa	4.13	2	360.00	A
Grape, Wine	0.06	3	22.03	A
Landscape Maintenance	22.55			
Rights Of Way	7.31			
Wheat	3.51	1	170.00	A
Chemical Total	37.56	6		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
Industrial Hemp	69.28	9	102,500.00	S
Landscape Maintenance	1.20			
Research Commodity	1.10	4	12,600.00	S
Chemical Total	71.58	13		
CLETHODIM				
Landscape Maintenance	0.10			
Rights Of Way	2.11			
Chemical Total	2.21			
CLOPYRALID				
Landscape Maintenance	0.07			
Chemical Total	0.07			
CLOPYRALID, MONOETHANOLAMINE SALT				
Landscape Maintenance	26.54			
Pastureland	29.67	1	120.00	A
Chemical Total	56.20	1		
CLOPYRALID, TRIETHYLAMINE SALT				
Golf Course Turf	0.86		3.50	A
	0.08		16,000.00	S
Total Pounds On This Commodity	0.94			
Landscape Maintenance	14.43			
Chemical Total	15.38			
CLOTHIANIDIN				
Golf Course Turf	5.10		16.25	A
Landscape Maintenance	4.06			
Regulatory Pest Control	< 0.01			
Rights Of Way	0.50			
Structural Pest Control	8.16			
Chemical Total	17.82			
COCONUT DIETHANOLAMIDE				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	1.79			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	0.14			
Chemical Total	1.93	2		
COPPER AMMONIUM CARBONATE				
Landscape Maintenance	0.02			
Chemical Total	0.02			
COPPER DIAMMONIUM DIACETATE COMPLEX				
Landscape Maintenance	5.37			
Chemical Total	5.37			
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Landscape Maintenance	259.88			
Water Area	433.72		67.65	A
Chemical Total	693.60			
COPPER ETHYLENEDIAMINE COMPLEX				
Landscape Maintenance	194.51			
Chemical Total	194.51			
COPPER HYDROXIDE				
Grape, Wine	466.21	43	732.70	A
Landscape Maintenance	1.72			
N-Outdr Plants In Containers	8.54	7	7.00	A
Rights Of Way	2.71			
Chemical Total	479.18	50		
COPPER NAPHTHENATE				
Structural Pest Control	0.04			
Chemical Total	0.04			
COPPER OCTANOATE				
N-Outdr Plants In Containers	1.75	2	2.00	A
Regulatory Pest Control	0.61			
Research Commodity	< 0.01			
Chemical Total	2.37	2		
COPPER OXYCHLORIDE				
Grape, Wine	16.21	6	21.50	A
Landscape Maintenance	1.57			
Chemical Total	17.78	6		
COPPER SALTS OF FATTY AND ROSIN ACIDS				
Research Commodity	0.05			
Chemical Total	0.05			
COPPER SULFATE (PENTAHYDRATE)				
Landscape Maintenance	65.96			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Water Area	16.46		8.80	A
Chemical Total	82.41			
COPPER TRIETHANOLAMINE COMPLEX				
Landscape Maintenance	219.56			
Chemical Total	219.56			
CYANTRANILIPROLE				
Landscape Maintenance	0.06			
Research Commodity	< 0.01			
Chemical Total	0.06			
CYFLUFENAMID				
Grape, Wine	4.11	6	179.00	A
Chemical Total	4.11	6		
CYFLUMETOFEN				
Regulatory Pest Control	0.13			
Chemical Total	0.13			
CYFLUTHRIN				
Regulatory Pest Control	0.01			
Research Commodity	0.17			
Structural Pest Control	205.37			
Chemical Total	205.55			
BETA-CYFLUTHRIN				
Landscape Maintenance	0.19			
Rights Of Way	0.13			
Structural Pest Control	167.84			
Chemical Total	168.16			
CYPERMETHRIN				
Landscape Maintenance	0.05			
Structural Pest Control	4.82			
Chemical Total	4.87			
(S)-CYPERMETHRIN				
Structural Pest Control	0.62			
Chemical Total	0.62			
CYPRODINIL				
Grape, Wine	325.63	163	1,029.47	A
Chemical Total	325.63	163		
2,4-D				
Landscape Maintenance	19.36			
Chemical Total	19.36			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
2,4-D, DIETHANOLAMINE SALT				
Golf Course Turf	19.60		13.50	A
Chemical Total	19.60			
2,4-D, DIMETHYLAMINE SALT				
Almond	218.04	1	200.00	A
Landscape Maintenance	10.36			
Pastureland	4.25	1	15.00	A
Rights Of Way	20.35			
Wheat	7.66	2	10.00	A
Wheat (Forage - Fodder)	3.39	1	5.00	A
Chemical Total	264.05	5		
2,4-D, 2-ETHYLHEXYL ESTER				
Golf Course Turf	0.93		80,000.00	S
Landscape Maintenance	240.14			
Rights Of Way	2.67			
Chemical Total	243.74			
2,4-D, ISOOCTYL ESTER				
Grape, Wine	15.69	1	18.75	A
Landscape Maintenance	0.07			
Rights Of Way	1.18			
Chemical Total	16.93	1		
2,4-D, TRIISOPROPANOLAMINE SALT				
Landscape Maintenance	23.39			
Chemical Total	23.39			
2,4-D, TRIISOPROPYLAMINE SALT				
Golf Course Turf	200.69		80.00	A
Chemical Total	200.69			
DDVP				
Commodity Fumigation	36.80			
Food Processing Plant	4.05		1,999,998.00	C
Fumigation, Other	33.80			
Regulatory Pest Control	0.04			
Structural Pest Control	0.15			
Chemical Total	74.83			
DDVP, OTHER RELATED				
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.01			
Chemical Total	0.01			
DELTAMETHRIN				
Landscape Maintenance	0.02			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Public Health	< 0.01			
Regulatory Pest Control	7.18			
Structural Pest Control	104.53			
Chemical Total	111.73			
DEXTRIN				
Landscape Maintenance	0.02			
Chemical Total	0.02			
DIATOMACEOUS EARTH				
Structural Pest Control	164.71			
Chemical Total	164.71			
DIATOMACEOUS EARTH, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
DIAZINON				
Structural Pest Control	0.29			
Chemical Total	0.29			
2,2-DIBROMO-3-NITRILOPROPIONAMIDE				
Water (Industrial)	203.63		2.00	A
			384.00	U
Total Pounds On This Commodity	215.39			
Chemical Total	215.39			
DICAMBA				
Golf Course Turf	9.75		80.00	A
			80,000.00	S
Total Pounds On This Commodity	9.81			
Landscape Maintenance	18.01			
Rights Of Way	0.17			
Chemical Total	27.99			
DICAMBA, DIMETHYLAMINE SALT				
Golf Course Turf	1.58		13.50	A
Landscape Maintenance	5.21			
Rights Of Way	14.44			
Chemical Total	21.23			
DICHOLOBENIL				
Rights Of Way	4,732.39			
Chemical Total	4,732.39			
1,3-DICHLORO-5,5-DIMETHYLHYDANTOIN				
Water (Industrial)	128.55		4.00	A
			2.00	U
Total Pounds On This Commodity	171.90			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	171.90			
1,3-DICHLORO-5-ETHYL-5-METHYLHYDANTOIN				
Water (Industrial)	66.25		4.00	A
			2.00	U
Total Pounds On This Commodity	90.10			
Chemical Total	90.10			
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.53			
Chemical Total	0.53			
DIETHYLENE GLYCOL				
Almond	10.55	2	225.00	A
Grape, Wine	515.90	303	4,021.30	A
Landscape Maintenance	63.18			
Rights Of Way	174.97			
Chemical Total	764.60	305		
DIFENOCONAZOLE				
Grape, Wine	91.87	155	843.22	A
Landscape Maintenance	4.08			
Chemical Total	95.95	155		
DIFETHIALONE				
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.27			
Chemical Total	0.27			
DIFLUBENZURON				
Research Commodity	< 0.01			
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID				
Landscape Maintenance	1.42			
Rights Of Way	37.39			
Chemical Total	38.80			
DIKEGULAC SODIUM				
Landscape Maintenance	47.61			
Rights Of Way	22.34			
Chemical Total	69.95			
DIMETHENAMID-P				
Landscape Maintenance	0.26			
Chemical Total	0.26			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
DIMETHOATE				
Landscape Maintenance	0.19			
Chemical Total	0.19			
DIMETHYL ALKYL TERTIARY AMINES				
Grape, Wine	0.24	6	58.28	A
Oat (Forage - Fodder)	1.53	4	260.00	A
Olive	0.35	1	15.00	A
Rights Of Way	0.06			
Wheat (Forage - Fodder)	0.12	1	20.00	A
Chemical Total	2.30	12		
DIMETHYL AND METHYL NAPHTHALENE SULFONIC ACID, SODIUM SALT				
N-Outdr Plants In Containers	0.81	2	2.00	A
Chemical Total	0.81	2		
DIMETHYLPOLYSILOXANE				
Alfalfa	0.14	1	180.00	A
Almond	10.71	9	1,513.38	A
Cucumber	0.05	1	0.20	A
Grape, Wine	9.32	692	6,519.20	A
Landscape Maintenance	0.90			
Oat (Forage - Fodder)	0.04	4	260.00	A
Olive	0.02	10	4.50	A
Pastureland	0.01	1	120.00	A
Pistachio	1.88	5	303.64	A
Rights Of Way	1.96			
Wheat	0.06	1	170.00	A
Wheat (Forage - Fodder)	< 0.01	1	20.00	A
Chemical Total	25.09	725		
DIMETHYL SILICONE FLUID EMULSION				
Rights Of Way	0.85			
Chemical Total	0.85			
DINOTEFURAN				
Landscape Maintenance	32.83			
Research Commodity	0.09			
Rights Of Way	3.03			
Structural Pest Control	396.22			
Chemical Total	432.17			
DIOCTYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.45			
Water (Industrial)	283.88		9.00	A
Chemical Total	284.32			
DIPHACINONE				
Grape, Wine	0.01	28	71.51	A
Landscape Maintenance	0.33			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Olive	< 0.01	1	10.00	A
Public Health	< 0.01			
Rangeland	< 0.01	2	100.50	A
Structural Pest Control	0.04			
Uncultivated Ag	< 0.01	8	212.00	A
Vertebrate Control	3.17			
Chemical Total	3.57	39		
DIPHACINONE, SODIUM SALT				
Grape, Wine	< 0.01	16	21.37	A
Structural Pest Control	0.02			
Chemical Total	0.02	16		
DIQUAT DIBROMIDE				
Landscape Maintenance	645.42			
Rights Of Way	766.47			
Water Area	456.82		39.00	A
Chemical Total	1,868.71			
DISODIUM OCTABORATE TETRAHYDRATE				
Landscape Maintenance	0.21			
Structural Pest Control	11,626.78			
Chemical Total	11,626.99			
DISULFOTON				
Landscape Maintenance	0.72			
Chemical Total	0.72			
DITHIOPYR				
Golf Course Turf	89.02		52.00	A
	0.02		4,000.00	S
Total Pounds On This Commodity	89.05			
Landscape Maintenance	376.77			
N-Outdr Plants In Containers	0.27	4	4.00	A
Rights Of Way	238.73			
Chemical Total	704.82	4		
DIURON				
Landscape Maintenance	56.02			
Rights Of Way	11.45			
Chemical Total	67.46			
DODECYL AMMONIUM METHANEARSONATE				
Landscape Maintenance	0.11			
Chemical Total	0.11			
DODECYLBENZENE SULFONIC ACID				
Grape, Wine	0.01	2	0.30	A
Landscape Maintenance	7.75			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
N-Outdr Plants In Containers	0.78	2	2.00	A
Rights Of Way	0.59			
Chemical Total	9.14	4		
EDTA, TETRASODIUM SALT				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	1.05			
Rights Of Way	0.04			
Chemical Total	1.08	2		
EMAMECTIN BENZOATE				
Landscape Maintenance	0.13			
Chemical Total	0.13			
ENDOTHALL, DIPOTASSIUM SALT				
Landscape Maintenance	10.58			
Chemical Total	10.58			
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT				
Water Area	13.47		3.85	A
Chemical Total	13.47			
ESFENVALERATE				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	0.03			
Structural Pest Control	19.43			
Chemical Total	19.46			
ETHEPHON				
Golf Course Turf	116.98		34.00	A
Landscape Maintenance	430.05			
Chemical Total	547.04			
ETOFENPROX				
Public Health	< 0.01			
Regulatory Pest Control	0.08			
Structural Pest Control	7.56			
Chemical Total	7.65			
ETHOFUMESATE				
Landscape Maintenance	62.50			
Chemical Total	62.50			
ETOXAZOLE				
Grape, Wine	36.89	31	273.71	A
Regulatory Pest Control	0.01			
Chemical Total	36.90	31		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
FATTY ACIDS, MIXED				
Almond	18.78	2	225.00	A
Grape, Wine	362.19	263	3,212.51	A
Landscape Maintenance	4.26			
Rights Of Way	138.25			
Chemical Total	523.48	265		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
Water Area	5.40		12.00	A
Chemical Total	5.40			
FATTY ACIDS DERIVED FROM TALLOW				
Landscape Maintenance	6.96			
Chemical Total	6.96			
FENOXYCARB				
Structural Pest Control	0.01			
Chemical Total	0.01			
FENPYROXIMATE				
Grape, Wine	0.30	1	2.95	A
Regulatory Pest Control	< 0.01			
Chemical Total	0.31	1		
FERRIC SODIUM EDTA				
Landscape Maintenance	5.70			
Chemical Total	5.70			
FIPRONIL				
Landscape Maintenance	0.02			
Public Health	< 0.01			
Regulatory Pest Control	0.12			
Rights Of Way	< 0.01			
Structural Pest Control	5,837.28			
Chemical Total	5,837.42			
FLONICAMID				
Landscape Maintenance	< 0.01			
N-Grnhs Transplants	0.01	5	5,460.00	S
Regulatory Pest Control	0.08			
Research Commodity	0.09			
Chemical Total	0.19	5		
FLUAZIFOP-BUTYL				
Landscape Maintenance	0.03			
Chemical Total	0.03			
FLUAZIFOP-P-BUTYL				
Golf Course Turf	0.23		35,500.00	S

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	4.82			
Rights Of Way	0.33			
Uncultivated Ag	0.25	1	1.00	A
Chemical Total	5.62	1		
FLUAZINAM				
Golf Course Turf	4.56		16.00	A
Landscape Maintenance	36.22			
Chemical Total	40.78			
FLUDIOXONIL				
Golf Course Turf	6.19		11.50	A
Grape, Wine	38.72	5	177.00	A
Landscape Maintenance	31.65			
N-Outdr Plants In Containers	0.13	1	1.00	A
Chemical Total	76.69	6		
FLUMIOXAZIN				
Grape, Wine	112.32	91	551.31	A
Landscape Maintenance	25.39			
Chemical Total	137.71	91		
FLUOPICOLIDE				
Landscape Maintenance	0.05			
Chemical Total	0.05			
FLUOPYRAM				
Grape, Wine	395.39	477	3,958.62	A
Pistachio	14.52	3	140.00	A
Chemical Total	409.91	480		
FLUPYRADIFURONE				
N-Grnhs Transplants	0.10	8	23,560.00	S
	< 0.01	1	9.00	U
Total Pounds On This Commodity	0.10			
Chemical Total	0.10	9		
FLURECOL-METHYL				
Landscape Maintenance	1.10			
Chemical Total	1.10			
FLURIDONE				
Landscape Maintenance	1.93			
Water Area	21.25		135.00	A
Chemical Total	23.18			
FLUROXYPYR, 1-METHYLHEPTYL ESTER				
Landscape Maintenance	2.32			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	2.32			
FLURPRIMIDOL				
Golf Course Turf	7.55		36.72	A
Chemical Total	7.55			
FLUTOLANIL				
Golf Course Turf	25.20		8.00	A
Landscape Maintenance	32.25			
Chemical Total	57.45			
TAU-FLUVALINATE				
Landscape Maintenance	< 0.01			
Research Commodity	0.21			
Structural Pest Control	0.02			
Chemical Total	0.23			
FLUXAPYROXAD				
Golf Course Turf	1.15		5.00	A
Landscape Maintenance	9.52			
Chemical Total	10.67			
FORAMSULFURON				
Landscape Maintenance	5.17			
Rights Of Way	0.12			
Chemical Total	5.29			
FOSETYL-AL				
Golf Course Turf	84.00		10.09	A
Landscape Maintenance	72.50			
Chemical Total	156.50			
FREE FATTY ACIDS AND/OR AMINE SALTS				
Landscape Maintenance	7.60			
Chemical Total	7.60			
GAMMA-CYHALOTHRIN				
Landscape Maintenance	< 0.01			
Structural Pest Control	888.09			
Chemical Total	888.10			
GARLIC				
Landscape Maintenance	3.46			
Rights Of Way	8.91			
Chemical Total	12.37			
GLUFOSINATE-AMMONIUM				
Almond	117.45	1	200.00	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Grape, Wine	1,018.68	177	980.45	A
Landscape Maintenance	12.29			
Olive	31.74	4	39.00	A
Rights Of Way	16.51			
Chemical Total	1,196.68	182		
GLUTARALDEHYDE				
Ditch Bank	47.04		1.00	U
Water (Industrial)	723.68		19.00	U
	650.45		9.00	A
Total Pounds On This Commodity	1,374.13			
Chemical Total	1,421.17			
GLYCEROL				
Alfalfa	22.59	2	360.00	A
Olive	2.09	4	39.00	A
Wheat	19.20	1	170.00	A
Chemical Total	43.88	7		
GLYPHOSATE				
Landscape Maintenance	36.43			
Chemical Total	36.43			
GLYPHOSATE, DIMETHYLAMINE SALT				
Rights Of Way	1,702.72			
Chemical Total	1,702.72			
GLYPHOSATE, ISOPROPYLAMINE SALT				
Alfalfa	630.11	2	360.00	A
Almond	224.81	1	150.00	A
Golf Course Turf	0.94		12,000.00	S
Grape, Wine	1,483.15	381	1,860.94	A
Landscape Maintenance	8,865.41			
N-Outdr Flower	42.86	6	30.00	A
Olive	90.36	14	43.50	A
Pistachio	87.21	1	43.64	A
Regulatory Pest Control	1.84			
Rights Of Way	13,020.77			
Strawberry	24.00	1	2.00	A
Structural Pest Control	57.78			
Water Area	32.40		3.90	A
Chemical Total	24,561.65	406		
GLYPHOSATE, MONOAMMONIUM SALT				
Landscape Maintenance	340.09			
Chemical Total	340.09			
GLYPHOSATE, POTASSIUM SALT				
Golf Course Turf	4.01		19,000.00	S
	2.24		0.25	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	6.25			
Grape, Wine	1,562.06	74	571.14	A
Landscape Maintenance	8,010.60			
N-Grnhs Flower	11.03		10.00	A
Regulatory Pest Control	2.41			
Rights Of Way	1,247.14			
Structural Pest Control	0.26			
Chemical Total	10,839.76	74		
HALOSULFURON-METHYL				
Landscape Maintenance	0.54			
Chemical Total	0.54			
HEPTAMETHYLTRISILOXANE ETHOXYLATED				
Grape, Wine	28.87	31	273.71	A
Landscape Maintenance	2.45			
Chemical Total	31.32	31		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Alfalfa	12.15	3	540.00	A
Broccoli	0.44	1	2.00	A
Cabbage	0.44	1	2.00	A
Cauliflower	0.44	1	2.00	A
Cucumber	0.44	1	0.20	A
Landscape Maintenance	2.26			
Lettuce, Leaf	0.88	2	2.00	A
Squash, Zucchini	0.05	1	0.20	A
Chemical Total	17.09	10		
HEPTYL BUTYRATE				
Structural Pest Control	0.01			
Chemical Total	0.01			
(Z)-9-HEXADECENAL				
Structural Pest Control	0.05			
Chemical Total	0.05			
HEXAFLUMURON				
Structural Pest Control	0.11			
Chemical Total	0.11			
HEXYLENE GLYCOL				
Rights Of Way	268.00			
Chemical Total	268.00			
HEXYTHIAZOX				
Regulatory Pest Control	0.08			
Chemical Total	0.08			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
HYDRAMETHYLNON				
Landscape Maintenance	< 0.01			
Structural Pest Control	0.38			
Chemical Total	0.39			
HYDROGEN CHLORIDE				
Landscape Maintenance	11.40			
Chemical Total	11.40			
HYDROGEN PEROXIDE				
Grape, Wine	2,480.02	373	2,377.83	A
Landscape Maintenance	19,989.28			
N-Grnhs Transplants	0.67	3	230.00	S
N-Outdr Plants In Containers	1.24	1	1.00	A
Structural Pest Control	< 0.01			
Water Area	10,955.76		96.40	A
Chemical Total	33,426.98	377		
HYDROPRENE				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	0.05			
Structural Pest Control	66.61			
Chemical Total	66.66			
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
N-Grnhs Transplants	0.15	2	8,460.00	S
Rights Of Way	0.26			
Chemical Total	0.41	2		
IMAZAMOX, AMMONIUM SALT				
Landscape Maintenance	1.49			
Rights Of Way	2.12			
Water Area	7.41		7.00	A
Chemical Total	11.02			
IMAZAPYR, ISOPROPYLAMINE SALT				
Landscape Maintenance	195.35			
Rights Of Way	0.08			
Water Area	13.41		1.36	A
	1.81		17,162.00	S
Total Pounds On This Commodity	15.22			
Chemical Total	210.65			
IMIDACLOPRID				
Golf Course Turf	30.38		76.00	A
Grape, Wine	327.41	46	815.76	A
Landscape Maintenance	151.67			
N-Grnhs Transplants	0.44	10	31,350.00	U

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Regulatory Pest Control	0.07			
Research Commodity	0.13	19	602.00	U
	0.06			
Total Pounds On This Commodity	0.18			
Rights Of Way	21.24			
Structural Pest Control	629.35			
Vertebrate Control	< 0.01			
Chemical Total	1,160.74	75		
INDAZIFLAM				
Grape, Wine	20.90	262	1,096.21	A
Landscape Maintenance	20.53			
Olive	0.28	10	4.50	A
Pistachio	1.98	1	43.64	A
Rights Of Way	161.25			
Structural Pest Control	0.56			
Chemical Total	205.51	273		
INDOXACARB				
Landscape Maintenance	0.08			
Regulatory Pest Control	0.03			
Structural Pest Control	186.70			
Chemical Total	186.80			
IODOSULFURON-METHYL-SODIUM				
Rights Of Way	0.01			
Chemical Total	0.01			
IPIRODIONE				
Almond	74.86	1	150.00	A
Golf Course Turf	51.27		13.50	A
	5.00		80,000.00	S
Total Pounds On This Commodity	56.27			
Landscape Maintenance	243.80			
Chemical Total	374.93	1		
IRON HEDTA				
Landscape Maintenance	1.94			
Chemical Total	1.94			
IRON PHOSPHATE				
Landscape Maintenance	10.55			
Structural Pest Control	0.38			
Chemical Total	10.93			
ALPHA-ISODECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Olive	1.91	4	39.00	A
Chemical Total	1.91	4		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
ALPHA-ISODECYL-OMEGA-HYDROXPOLY(OXYETHYLENE) PHOSPHATE				
Landscape Maintenance	5.69			
Chemical Total	5.69			
ISOPROPYL ALCOHOL				
Alfalfa	2.83	1	180.00	A
Grape, Wine	34.34	14	654.30	A
Landscape Maintenance	36.83			
Rights Of Way	2.29			
Structural Pest Control	44.26			
Wheat	1.34	1	170.00	A
Chemical Total	121.89	16		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE				
Water Area	0.11		3.90	A
Chemical Total	0.11			
ISOXABEN				
Golf Course Turf	32.19		44.00	A
	0.18		8,000.00	S
Total Pounds On This Commodity	32.37			
Landscape Maintenance	273.51			
N-Outdr Flower	21.00	5	28.00	A
N-Outdr Plants In Containers	4.80	29	29.00	A
Regulatory Pest Control	0.52			
Rights Of Way	139.22			
Chemical Total	471.41	34		
KEROSENE				
Structural Pest Control	0.39			
Chemical Total	0.39			
(S)-KINOPRENE				
Regulatory Pest Control	0.06			
Research Commodity	0.19			
Chemical Total	0.25			
KRESOXIM-METHYL				
Grape, Wine	0.15	1	1.50	A
Chemical Total	0.15	1		
LACTIC ACID				
Landscape Maintenance	0.31			
Chemical Total	0.31			
LAMBDA-CYHALOTHRIN				
Alfalfa	11.32	2	360.00	A
Almond	21.56	3	530.00	A
Golf Course Turf	0.21		4.59	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	0.65			
Pistachio	9.14	6	280.00	A
Structural Pest Control	772.52			
Chemical Total	815.41	11		
LECITHIN				
Almond	21.12	1	150.00	A
Golf Course Turf	3.39		9.18	A
Grape, Wine	3.23	4	34.08	A
Landscape Maintenance	9.08			
Pistachio	92.66	7	323.64	A
Rights Of Way	1,117.61			
Chemical Total	1,247.09	12		
LIME-SULFUR				
Grape, Wine	0.04	2	0.30	A
Chemical Total	0.04	2		
LIMONENE				
Landscape Maintenance	78.87			
Structural Pest Control	983.88			
Water Area	26.99		12.00	A
Chemical Total	1,089.74			
MAGNESIUM PHOSPHIDE				
Almond	4.97		88,900.00	C
Commodity Fumigation	155.25			
Fumigation, Other	195.59			
Herb, Spice	0.16		1,300.00	C
Landscape Maintenance	3.10			
Pistachio	0.16		2,600.00	C
Rice	0.20		5,200.00	C
Chemical Total	359.43			
MALATHION				
N-Outdr Plants In Containers	2.30	3	3.00	A
Chemical Total	2.30	3		
MANCOZEB				
Landscape Maintenance	223.74			
Chemical Total	223.74			
MANDIPROPAMID				
Landscape Maintenance	0.20			
Chemical Total	0.20			
MARGOSA OIL				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
MCPA, DIMETHYLAMINE SALT				
Landscape Maintenance	39.55			
Oat (Forage - Fodder)	230.34	4	260.00	A
Wheat	144.11	1	170.00	A
Wheat (Forage - Fodder)	62.64	2	100.00	A
Chemical Total	476.65	7		
MCPA, 2-ETHYL HEXYL ESTER				
Landscape Maintenance	< 0.01			
Chemical Total	< 0.01			
MCPA, ISOOCTYL ESTER				
Landscape Maintenance	4.10			
Chemical Total	4.10			
MCPP				
Landscape Maintenance	8.08			
Chemical Total	8.08			
MCPP, DIMETHYLAMINE SALT				
Landscape Maintenance	0.31			
Chemical Total	0.31			
MCPP-P, DIMETHYLAMINE SALT				
Golf Course Turf	34.64		80.00	A
Landscape Maintenance	11.43			
Chemical Total	46.08			
MCPP-P, POTASSIUM SALT				
Landscape Maintenance	0.02			
Chemical Total	0.02			
MECOPROP-P				
Golf Course Turf	0.24		80,000.00	S
Landscape Maintenance	63.02			
Rights Of Way	0.68			
Chemical Total	63.93			
MEFENOXAM				
Landscape Maintenance	5.62			
N-Grnhs Flower	8.10		20.00	A
N-Outdr Plants In Containers	0.15	3	2.25	A
Chemical Total	13.88	3		
MEFENOXAM, OTHER RELATED				
Landscape Maintenance	0.18			
N-Outdr Plants In Containers	< 0.01	3	2.25	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.18	3		
MEFLUIDIDE, DIETHANOLAMINE SALT				
Landscape Maintenance	1.57			
Chemical Total	1.57			
METALDEHYDE				
Landscape Maintenance	1.67			
Chemical Total	1.67			
METAM-SODIUM				
Rights Of Way	2,913.40			
Chemical Total	2,913.40			
METCONAZOLE				
Golf Course Turf	15.75		13.18	A
Landscape Maintenance	9.89			
Pistachio	15.00	1	120.00	A
Chemical Total	40.64	1		
METHOMYL				
Structural Pest Control	0.03			
Chemical Total	0.03			
METHOPRENE				
Public Health	0.01			
Structural Pest Control	0.11			
Chemical Total	0.12			
S-METHOPRENE				
Food Processing Plant	0.41		1,999,998.00	C
Public Health	31.10			
Structural Pest Control	1.36			
Chemical Total	32.87			
METHOXYFENOZIDE				
Grape, Wine	181.27	43	808.76	A
Pistachio	39.53	3	140.00	A
Chemical Total	220.81	46		
METHYL ANTHRANILATE				
Structural Pest Control	2.13			
Chemical Total	2.13			
METHYLATED SOYBEAN OIL				
Alfalfa	86.04	3	540.00	A
Golf Course Turf	5.91		9.18	A
Grape, Wine	8.30	6	58.28	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	49.96			
Oat (Forage - Fodder)	51.98	4	260.00	A
Olive	11.96	1	15.00	A
Pistachio	46.33	7	323.64	A
Rights Of Way	572.67			
Wheat (Forage - Fodder)	3.97	1	20.00	A
Chemical Total	837.11	22		
METHYL BROMIDE				
Almond	82.50		35,200.00	C
Bamboo Shoots	6,898.19		843,004.00	C
Dried Fruit	45.25		22,600.00	C
Fumigation, Other	1,990.05			
Prune	2.00		1,200.00	C
Walnut	21.00		13,200.00	C
Chemical Total	9,038.99			
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE				
Landscape Maintenance	0.84			
Chemical Total	0.84			
METHYL EUGENOL				
Regulatory Pest Control	6.50			
Rights Of Way	120.87			
Chemical Total	127.37			
2-METHYL-4-ISOTHIAZOLIN-3-ONE				
Water (Industrial)	0.80		192.00	U
	0.64		3.00	A
Total Pounds On This Commodity	1.44			
Chemical Total	1.44			
METHYL NONYL KETONE				
Structural Pest Control	0.56			
Chemical Total	0.56			
METHYL SILICONE RESINS				
Landscape Maintenance	0.13			
Chemical Total	0.13			
METIRAM				
Structural Pest Control	1.54			
Chemical Total	1.54			
METOFLUTHRIN				
Structural Pest Control	0.20			
Chemical Total	0.20			
S-METOLACHLOR				

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	0.24			
Chemical Total	0.24			
METRAFENONE				
Grape, Wine	454.35	312	1,956.68	A
Chemical Total	454.35	312		
METRIBUZIN				
Landscape Maintenance	3.81			
Chemical Total	3.81			
MINERAL OIL				
Golf Course Turf	127.84		5.00	A
Grape, Wine	5,322.79	174	1,339.03	A
Landscape Maintenance	833.90			
N-Outdr Plants In Containers	55.60	7	7.00	A
Oat (Forage - Fodder)	2.72	4	260.00	A
Olive	0.63	1	15.00	A
Research Commodity	3.72			
Rights Of Way	650.56			
Wheat (Forage - Fodder)	0.21	1	20.00	A
Chemical Total	6,997.96	187		
MSMA				
Landscape Maintenance	3.28			
Structural Pest Control	0.22			
Chemical Total	3.50			
MUSCALURE				
Structural Pest Control	0.10			
Chemical Total	0.10			
MYCLOBUTANIL				
Grape, Wine	174.76	172	1,538.07	A
Landscape Maintenance	2.36			
N-Outdr Plants In Containers	0.05	1	1.00	A
Chemical Total	177.17	173		
NAA				
Landscape Maintenance	0.35			
Chemical Total	0.35			
NAA, AMMONIUM SALT				
Landscape Maintenance	1.77			
Chemical Total	1.77			
NONANOIC ACID				
Landscape Maintenance	24.44			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	24.44			
NONANOIC ACID, OTHER RELATED				
Landscape Maintenance	1.29			
Chemical Total	1.29			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	33.32	4	720.00	A
Almond	43.99	4	447.00	A
Golf Course Turf	1.07		9.18	A
Grape, Wine	1,139.80	561	6,194.00	A
Industrial Hemp	0.02	2	4,140.00	S
Landscape Maintenance	308.46			
Oat (Forage - Fodder)	28.32	4	260.00	A
Pastureland	10.00	1	120.00	A
Rights Of Way	251.14			
Wheat	15.51	1	170.00	A
Wheat (Forage - Fodder)	2.53	1	20.00	A
Chemical Total	1,834.16	578		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), BRANCHED				
Landscape Maintenance	1.63			
Rights Of Way	1.55			
Chemical Total	3.18			
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Almond	589.09	9	1,510.38	A
Grape, Wine	107.06	561	2,971.78	A
Olive	0.93	10	4.50	A
Pistachio	84.87	5	303.64	A
Rights Of Way	10.59			
Chemical Total	792.56	585		
NOVALURON				
Structural Pest Control	3.56			
Chemical Total	3.56			
NOVIFLUMURON				
Structural Pest Control	1.53			
Chemical Total	1.53			
OCTYLAMMONIUM METHANEARSONATE				
Landscape Maintenance	0.11			
Chemical Total	0.11			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Landscape Maintenance	< 0.01			
Regulatory Pest Control	5.85			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	101.15			
Chemical Total	107.00			
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE				
Structural Pest Control	0.89			
Chemical Total	0.89			
OIL OF BLACK PEPPER				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
OLEIC ACID, ETHYL ESTER				
Landscape Maintenance	420.60			
Rights Of Way	31.91			
Water Area	21.02		7.00	A
Chemical Total	473.53			
OLEIC ACID, METHYL ESTER				
Almond	98.54	1	150.00	A
Grape, Wine	191.85	31	273.71	A
Landscape Maintenance	9.59			
Rights Of Way	44.51			
Chemical Total	344.49	32		
ORYZALIN				
Grape, Wine	374.79	5	90.09	A
Landscape Maintenance	426.07			
Rights Of Way	429.06			
Chemical Total	1,229.93	5		
OXADIAZON				
Landscape Maintenance	170.35			
Rights Of Way	14.00			
Chemical Total	184.35			
OXYFLUORFEN				
Grape, Wine	414.80	193	927.21	A
Landscape Maintenance	22.97			
N-Outdr Plants In Containers	2.85	7	7.00	A
Rights Of Way	158.04			
Chemical Total	598.67	200		
OXYTETRACYCLINE HYDROCHLORIDE				
Landscape Maintenance	1.73			
Chemical Total	1.73			
PACLOBUTRAZOL				
Industrial Site	3.97		30.00	U
Landscape Maintenance	39.89			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rights Of Way	0.56			
Chemical Total	44.42			
PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97				
N-Grnhs Transplants	1.34	13	9,582.00	U
	0.76	8	18,594.00	S
Total Pounds On This Commodity	2.09			
Chemical Total	2.09	21		
PARAQUAT DICHLORIDE				
Almond	27.78	1	22.00	A
Chemical Total	27.78	1		
PCNB				
Landscape Maintenance	2,881.50			
Chemical Total	2,881.50			
PCP, OTHER RELATED				
Grape, Wine	1.30	1	18.75	A
Rights Of Way	0.10			
Chemical Total	1.39	1		
PENDIMETHALIN				
Golf Course Turf	1.78		0.25	A
Grape, Wine	779.16	91	551.31	A
Landscape Maintenance	606.16			
N-Outdr Flower	132.58	5	28.00	A
N-Outdr Plants In Containers	4.20	7	7.00	A
Rights Of Way	212.59			
Chemical Total	1,736.47	103		
PENOX SULAM				
Golf Course Turf	< 0.01		1.00	A
Landscape Maintenance	2.47			
Rights Of Way	3.30			
Chemical Total	5.78			
PENTACHLOROPHENOL				
Grape, Wine	11.52	1	18.75	A
Rights Of Way	0.86			
Chemical Total	12.38	1		
PENTHIOPYRAD				
Golf Course Turf	15.00		16.00	A
Landscape Maintenance	50.83			
Chemical Total	65.83			
PERMETHRIN				
Landscape Maintenance	46.93			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Regulatory Pest Control	0.06			
Structural Pest Control	79.17			
Chemical Total	126.16			
PERMETHRIN, OTHER RELATED				
Structural Pest Control	0.10			
Chemical Total	0.10			
PEROXYACETIC ACID				
Grape, Wine	0.83	1	4.50	A
Landscape Maintenance	1,475.22			
N-Grmhs Transplants	0.05	3	230.00	S
N-Outdr Plants In Containers	0.09	1	1.00	A
Water Area	808.54		96.40	A
Chemical Total	2,284.73	5		
PETROLEUM DISTILLATES				
Landscape Maintenance	39.31			
Structural Pest Control	2.14			
Chemical Total	41.45			
PETROLEUM DISTILLATES, AROMATIC				
Almond	162.56	2	222.00	A
Grape, Wine	674.98	227	1,432.09	A
Chemical Total	837.54	229		
PETROLEUM DISTILLATES, REFINED				
Grape, Wine	11,269.90	264	1,863.74	A
Landscape Maintenance	52.60			
Public Health	2,880.70			
Regulatory Pest Control	6.19			
Research Commodity	2.44			
Chemical Total	14,211.83	264		
PETROLEUM OIL, PARAFFIN BASED				
Water Area	18.25		3.90	A
Chemical Total	18.25			
PETROLEUM OIL, UNCLASSIFIED				
Grape, Wine	1,383.29	1	18.75	A
Landscape Maintenance	12.48			
Rights Of Way	103.75			
Chemical Total	1,499.51	1		
PHENOTHHRIN				
Landscape Maintenance	0.01			
Public Health	< 0.01			
Regulatory Pest Control	0.06			
Structural Pest Control	8.90			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	8.96			
PHENOTHRLIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PHENYLETHYL PROPIONATE				
Structural Pest Control	0.20			
Chemical Total	0.20			
PHORATE				
Landscape Maintenance	0.05			
Chemical Total	0.05			
PHOSACETIN				
Landscape Maintenance	0.09			
Chemical Total	0.09			
PHOSPHINE				
Fumigation, Other	0.10			
Pistachio	0.10		2,600.00	C
Rice	291.22		8,018,788.00	C
Chemical Total	291.42			
PHOSPHORIC ACID				
Alfalfa	7.01	2	360.00	A
Almond	17.81	7	1,288.38	A
Grape, Wine	2.96	336	1,539.99	A
Landscape Maintenance	2.06			
N-Outdr Plants In Containers	6.04	2	2.00	A
Olive	0.03	10	4.50	A
Pistachio	2.41	4	260.00	A
Rights Of Way	0.12			
Wheat	5.96	1	170.00	A
Chemical Total	44.40	362		
PIPERALIN				
Research Commodity	0.25			
Chemical Total	0.25			
PIPERINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PIPERONYL BUTOXIDE				
Commodity Fumigation	0.93			
Fumigation, Other	9.15			
Landscape Maintenance	0.95			
N-Grnhs Transplants	0.16	4	5,500.00	S

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Public Health	2.71			
Regulatory Pest Control	3.97			
Structural Pest Control	511.49			
Chemical Total	529.36	4		
PIPERONYL BUTOXIDE, OTHER RELATED				
Landscape Maintenance	0.24			
Public Health	0.67			
Regulatory Pest Control	< 0.01			
Structural Pest Control	9.26			
Chemical Total	10.18			
POLYACRYLAMIDE POLYMER				
Alfalfa	2.27	2	360.00	A
Rights Of Way	1.00			
Wheat	1.93	1	170.00	A
Chemical Total	5.20	3		
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE				
Landscape Maintenance	15.38			
Rights Of Way	0.24			
Chemical Total	15.62			
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE				
Lettuce, Leaf	0.05	1	1.00	A
Chemical Total	0.05	1		
POLYBUTENES				
Structural Pest Control	19.41			
Vertebrate Control	46.48			
Chemical Total	65.89			
POLYETHYLENE GLYCOL				
Alfalfa	17.90	1	180.00	A
Grape, Wine	216.83	12	654.00	A
Wheat	8.46	1	170.00	A
Chemical Total	243.19	14		
POLYETHYLENE GLYCOL DIACETATE				
Rights Of Way	< 0.01			
Chemical Total	< 0.01			
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY) DISILOXANYL)PROPYL)ETHER				
Landscape Maintenance	1.07			
Chemical Total	1.07			
POLYETHYLENE GLYCOL STEARATE				
Landscape Maintenance	0.02			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K = Thousand Cubic Feet, P = Pounds, T = Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.02			
POLYOXIN D, ZINC SALT				
Golf Course Turf	1.08		4.00	A
Landscape Maintenance	4.04			
Chemical Total	5.12			
POLY(OXYETHYLENE) (DIMETHYLIMINO) ETHYLENE (DIMETHYLIMINO) ETHYLENE DICHLORIDE				
Landscape Maintenance	51.33			
Chemical Total	51.33			
POLYOXYETHYLENE DIOLEATE				
Landscape Maintenance	73.59			
Rights Of Way	5.58			
Water Area	3.68		7.00	A
Chemical Total	82.85			
POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER				
Broccoli	0.08	1	2.00	A
Cabbage	0.08	1	2.00	A
Cauliflower	0.08	1	2.00	A
Cucumber	0.08	1	0.20	A
Lettuce, Leaf	0.17	2	2.00	A
Squash, Zucchini	0.01	1	0.20	A
Chemical Total	0.51	7		
POLYOXYETHYLENE SORBITAN MONOLAUATE				
Landscape Maintenance	4.38			
Chemical Total	4.38			
POLYOXYETHYLENE SORBITAN MONOLEATE				
Landscape Maintenance	21.03			
Rights Of Way	1.60			
Water Area	1.50		10.90	A
Chemical Total	24.12			
POLYOXYETHYLENE SORBITAN TRIOLEATE				
Water Area	2.95		3.90	A
Chemical Total	2.95			
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER				
Grape, Wine	45.80	22	145.02	A
Chemical Total	45.80	22		
POLYPROPYLENE GLYCOL				
Landscape Maintenance	0.15			
Chemical Total	0.15			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
POLYSORBATE 65				
Rights Of Way	57.40			
Chemical Total	57.40			
POTASH SOAP				
Broccoli	4.16	1	2.00	A
Cabbage	4.16	1	2.00	A
Cauliflower	4.16	1	2.00	A
Cucumber	4.16	1	0.20	A
Landscape Maintenance	0.87			
Lettuce, Leaf	8.33	2	2.00	A
Regulatory Pest Control	0.73			
Research Commodity	0.03			
Squash, Zucchini	0.52	1	0.20	A
Chemical Total	27.14	7		
POTASSIUM BICARBONATE				
Grape, Wine	178.30	14	63.74	A
Landscape Maintenance	0.05			
N-Grnhs Transplants	< 0.01	1	10.00	S
Regulatory Pest Control	0.28			
Research Commodity	0.23			
Chemical Total	178.86	15		
POTASSIUM NITRATE				
Landscape Maintenance	0.38			
Chemical Total	0.38			
POTASSIUM PHOSPHITE				
Landscape Maintenance	1,600.69			
N-Outdr Plants In Containers	0.05	1	1.00	A
Chemical Total	1,600.74	1		
PRALLETHRIN				
Landscape Maintenance	< 0.01			
Public Health	< 0.01			
Regulatory Pest Control	1.93			
Structural Pest Control	4.23			
Chemical Total	6.17			
PRODIAMINE				
Landscape Maintenance	854.65			
Regulatory Pest Control	0.32			
Rights Of Way	5.29			
Chemical Total	860.25			
PROMETRYN				
Structural Pest Control	0.05			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	0.05			
PROPICONAZOLE				
Almond	16.82	1	75.00	A
Golf Course Turf	43.08		34.00	A
Landscape Maintenance	117.12			
Chemical Total	177.02	1		
PROPIONIC ACID				
Grape, Wine	3.23	4	34.08	A
Rights Of Way	0.75			
Chemical Total	3.99	4		
PROPOXUR				
Structural Pest Control	0.13			
Chemical Total	0.13			
PROPYLENE GLYCOL				
Landscape Maintenance	8.05			
Rights Of Way	0.08			
Chemical Total	8.13			
PROPYZAMIDE				
Landscape Maintenance	25.09			
Chemical Total	25.09			
PYMETROZINE				
N-Grnhs Transplants	0.04	4	6,570.00	S
Chemical Total	0.04	4		
PYRACLOSTROBIN				
Golf Course Turf	2.29		5.00	A
Grape, Wine	104.84	224	1,336.20	A
Landscape Maintenance	30.13			
N-Outdr Plants In Containers	0.25	1	1.00	A
Pistachio	13.44	3	140.00	A
Chemical Total	150.96	228		
PYRETHRINS				
Broccoli	0.02	1	2.00	A
Cabbage	0.01	1	2.00	A
Cauliflower	0.02	1	2.00	A
Commodity Fumigation	0.13			
Cucumber	0.02	1	0.20	A
Fumigation, Other	1.28			
Grape, Wine	0.07	2	3.00	A
Landscape Maintenance	0.13			
Lettuce, Leaf	0.05	2	2.00	A
N-Grnhs Transplants	0.04	4	5,500.00	S
Public Health	0.48			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Regulatory Pest Control	< 0.01			
Squash, Zucchini	< 0.01	1	0.20	A
Structural Pest Control	64.75			
Chemical Total	67.02	13		
PYRIDABEN				
Structural Pest Control	0.08			
Chemical Total	0.08			
PYRIFLUQUINAZON				
Regulatory Pest Control	0.05			
Chemical Total	0.05			
PYRIPROXYFEN				
Commodity Fumigation	1.99			
Fumigation, Other	2.85			
Landscape Maintenance	1.24			
Regulatory Pest Control	0.03			
Structural Pest Control	16.88			
Chemical Total	22.99			
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
Grape, Wine	2.79	3	3.60	A
Landscape Maintenance	< 0.01			
N-Grnhs Transplants	4.60	15	30,652.00	S
	0.02	2	6,270.00	U
Total Pounds On This Commodity	4.62			
Chemical Total	7.41	20		
QUILLAJA				
Industrial Hemp	0.02	2	4,140.00	S
Chemical Total	0.02	2		
QUINCLORAC				
Landscape Maintenance	8.70			
Chemical Total	8.70			
QUINCLORAC, DIMETHYLAMINE SALT				
Landscape Maintenance	17.09			
Chemical Total	17.09			
QUINOXYFEN				
Grape, Wine	423.58	560	4,450.92	A
Chemical Total	423.58	560		
REYNOUTRIA SACHALINENSIS				
Industrial Hemp	0.01	2	4,140.00	S
N-Grnhs Transplants	2.81	23	11,706.00	U
	0.62	3	12,710.00	S

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Total Pounds On This Commodity	3.43			
Chemical Total	3.44	28		
RIMSULFURON				
Grape, Wine	29.53	267	1,186.30	A
Landscape Maintenance	1.25			
Olive	0.19	7	3.00	A
Pistachio	2.39	1	43.64	A
Rights Of Way	0.33			
Chemical Total	33.69	275		
SAFLUFENACIL				
Almond	6.57	1	150.00	A
Chemical Total	6.57	1		
SETHOXYDIM				
Grape, Wine	17.19	26	150.00	A
Landscape Maintenance	0.47			
Chemical Total	17.66	26		
SILICA AEROGEL				
Public Health	7.73			
Structural Pest Control	227.21			
Chemical Total	234.94			
SILICONE DEFOAMER				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	0.20			
Rights Of Way	0.02			
Chemical Total	0.22	2		
SODIUM BROMIDE				
Structural Pest Control	312.72			
Water (Industrial)	1,718.18		33.00	A
	28.00		305.00	U
Total Pounds On This Commodity	1,746.18			
Chemical Total	2,058.90			
SODIUM BROMOSULFAMATE, SODIUM CHLOROSULFAMATE, POTASSIUM BROMOSULFAMATE, POTASSIUM CHLOROSULFAMATE				
Water (Industrial)	19.80		1.00	U
Chemical Total	19.80			
SODIUM CARBONATE PEROXYHYDRATE				
Landscape Maintenance	680.00			
Water Area	510.00		4.50	A
Chemical Total	1,190.00			
SODIUM DECYL SULFATE				

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Structural Pest Control	55.99			
Chemical Total	55.99			
SODIUM DI (1-ALKENYL) PHENOXY BENZENE DISULFONATE				
N-Outdr Plants In Containers	0.22	2	2.00	A
Chemical Total	0.22	2		
SODIUM DICHLORO-S-TRIAZINETRIONE				
Water (Industrial)	35.64		768.00	U
Chemical Total	35.64			
SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE				
Landscape Maintenance	3,801.85			
Chemical Total	3,801.85			
SODIUM HYDROXIDE				
Alfalfa	12.38	2	360.00	A
Wheat	10.52	1	170.00	A
Chemical Total	22.90	3		
SODIUM HYPOCHLORITE				
Landscape Maintenance	230.03			
Regulatory Pest Control	51.04			
Structural Pest Control	215.48			
Water (Industrial)	1,272.42		37.00	A
	32.17		308.00	U
Total Pounds On This Commodity	1,304.59			
Water Filter	259.13		19.00	A
Chemical Total	2,060.28			
SODIUM LAUROAMPHO ACETATE				
Structural Pest Control	42.26			
Chemical Total	42.26			
SODIUM LAURYL SULFATE				
Structural Pest Control	28.52			
Chemical Total	28.52			
SODIUM METASILICATE				
Landscape Maintenance	0.10			
Chemical Total	0.10			
SODIUM MONO (1-ALKENYL) PHENOXY BENZENE DISULFONATE				
N-Outdr Plants In Containers	0.51	2	2.00	A
Chemical Total	0.51	2		
SODIUM NITRATE				
Landscape Maintenance	79.92			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Rangeland	3.31	1	20.00	A
Structural Pest Control	13.18			
Vertebrate Control	94.44			
Chemical Total	190.85	1		
SODIUM ALPHA-OLEFIN (C14-C16) SULFONATE				
Rights Of Way	2,039.79			
Chemical Total	2,039.79			
SODIUM POLYACRYLATE				
Rights Of Way	0.37			
Chemical Total	0.37			
SODIUM TETRABORATE (PENTAHYDRATE)				
Structural Pest Control	1.50			
Chemical Total	1.50			
SODIUM XYLENE SULFONATE				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	2.39			
Rights Of Way	0.18			
Chemical Total	2.57	2		
SORBITAN MONOOLEATE				
Grape, Wine	1.90	34	69.59	A
Chemical Total	1.90	34		
SORBITAN TRIOLEATE				
Rights Of Way	57.40			
Chemical Total	57.40			
SPINETORAM				
Grape, Wine	1.02	4	27.00	A
Chemical Total	1.02	4		
SPINOSAD				
Cabbage	0.12	1	2.00	A
Cauliflower	0.17	1	2.00	A
Landscape Maintenance	0.24			
N-Grnhs Transplants	0.01	7	8,498.00	S
Olive	0.62	27	614.00	A
Public Health	71.35			
Regulatory Pest Control	0.26			
Research Commodity	0.02			
Rights Of Way	4.74			
Chemical Total	77.54	36		
SPIROMESIFEN				
Landscape Maintenance	< 0.01			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	< 0.01			
SPIROTETRAMAT				
Grape, Wine	158.64	109	1,298.67	A
Landscape Maintenance	0.02			
N-Grnhs Transplants	< 0.01	6	5,015.00	S
	< 0.01	1	365.00	U
Total Pounds On This Commodity	0.02			
Regulatory Pest Control	< 0.01			
Research Commodity	0.31	26	1,399.00	U
Chemical Total	159.00	142		
STREPTOMYCES LYDICUS WYEC 108				
Industrial Hemp	< 0.01	2	4,140.00	S
Landscape Maintenance	< 0.01			
N-Grnhs Transplants	< 0.01	4	9,350.00	S
	< 0.01	15	7,026.00	U
Total Pounds On This Commodity	< 0.01			
Strawberry	< 0.01	1	0.20	A
Chemical Total	< 0.01	22		
STREPTOMYCIN SULFATE				
Landscape Maintenance	0.11			
Chemical Total	0.11			
STRYCHNINE				
Landscape Maintenance	1.85			
Structural Pest Control	< 0.01			
Vertebrate Control	0.21			
Chemical Total	2.06			
SULFAQUINOXALINE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SULFENTRAZONE				
Golf Course Turf	0.40		13.50	A
Landscape Maintenance	0.53			
Rights Of Way	1.46			
Chemical Total	2.39			
SULFLURAMID				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
SULFOMETURON-METHYL				
Landscape Maintenance	13.64			
Rights Of Way	182.30			
Chemical Total	195.94			

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
SULFUR				
Grape, Wine	10,618.55	258	3,276.04	A
Industrial Hemp	6.24	2	20,000.00	S
Landscape Maintenance	54.75			
Pumpkin	392.00	1	11.00	A
Regulatory Pest Control	6.91			
Structural Pest Control	10.02			
Tomato	98.00	1	1.50	A
Chemical Total	11,186.46	262		
SULFUR DIOXIDE				
Fumigation, Other	36.38			
Chemical Total	36.38			
SULFURYL FLUORIDE				
Fumigation, Other	426.15			
Structural Pest Control	67,729.62			
Chemical Total	68,155.77			
TALL OIL				
Grape, Wine	6.11	22	145.02	A
Landscape Maintenance	8.34			
Chemical Total	14.45	22		
TALL OIL FATTY ACIDS				
Alfalfa	2.53	3	540.00	A
Almond	9.46	2	222.00	A
Grape, Wine	39.28	227	1,432.09	A
Landscape Maintenance	3.38			
Rights Of Way	0.56			
Chemical Total	55.20	232		
TEBUCONAZOLE				
Golf Course Turf	26.73		19.68	A
Grape, Wine	497.41	547	4,865.59	A
Landscape Maintenance	26.01			
Pistachio	14.52	3	140.00	A
Chemical Total	564.67	550		
TEBUTHIURON				
Rights Of Way	74.04			
Chemical Total	74.04			
1080				
Unknown	< 0.01	3	60.00	A
	< 0.01	1	10.00	?
Total Pounds On This Commodity	< 0.01			
Chemical Total	< 0.01	4		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TETRACONAZOLE				
Grape, Wine	0.58	4	15.00	A
Chemical Total	0.58	4		
Z,E-9,12-TETRADECADIEN-1-YL ACETATE				
Structural Pest Control	1.06			
Chemical Total	1.06			
TETRAMETHRIN				
Landscape Maintenance	0.01			
Public Health	0.02			
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.29			
Chemical Total	0.32			
ALPHA-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Grape, Wine	0.02	2	0.30	A
Landscape Maintenance	9.12			
Regulatory Pest Control	0.08			
Rights Of Way	0.69			
Chemical Total	9.90	2		
TETRAPOTASSIUM PYROPHOSPHATE				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	1.19			
Rights Of Way	0.09			
Chemical Total	1.29	2		
THIAMETHOXAM				
Grape, Wine	2.78	5	75.40	A
Structural Pest Control	0.32			
Chemical Total	3.10	5		
THIENCARBAZONE-METHYL				
Rights Of Way	0.05			
Chemical Total	0.05			
THIOPHANATE-METHYL				
Almond	56.13	1	75.00	A
Golf Course Turf	241.94		39.90	A
	2.60		31,000.00	S
Total Pounds On This Commodity	244.54			
Grape, Wine	41.38	6	41.08	A
Landscape Maintenance	165.63			
N-Outdr Plants In Containers	3.86	11	11.00	A
Regulatory Pest Control	< 0.01			
Chemical Total	511.55	18		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
THYME				
Structural Pest Control	0.11			
Chemical Total	0.11			
THYME OIL				
Structural Pest Control	0.02			
Chemical Total	0.02			
TOXAPHENE				
Structural Pest Control	1.21			
Chemical Total	1.21			
TRIADIMEFON				
Golf Course Turf	7.36		5.50	A
Landscape Maintenance	32.45			
Chemical Total	39.82			
TRICHLORFON				
Structural Pest Control	0.02			
Chemical Total	0.02			
TRICHLORO-S-TRIAZINETRIONE				
Landscape Maintenance	962.28			
Structural Pest Control	20.55			
Chemical Total	982.83			
TRICHODERMA HARZIANUM RIFAI STRAIN KRL-AG2				
N-Grnhs Transplants	0.17	16	31,408.40	U
	0.04	2	8,500.00	S
Total Pounds On This Commodity	0.21			
Chemical Total	0.21	18		
TRICHODERMA ICC 012 ASPERELLUM				
N-Grnhs Transplants	0.10	5	18,700.00	S
Chemical Total	0.10	5		
TRICHODERMA ICC 080 GAMSII				
N-Grnhs Transplants	0.10	5	18,700.00	S
Chemical Total	0.10	5		
TRICLOPYR, BUTOXYETHYL ESTER				
Golf Course Turf	1.20		35,500.00	S
Landscape Maintenance	1,004.38			
N-Grnhs Flower	5.48		100,000.00	S
Rights Of Way	982.42			
Uncultivated Ag	0.09	2	5,530.00	S
Chemical Total	1,993.58	2		

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
TRICLOPYR, TRIETHYLAMINE SALT				
Golf Course Turf	6.98		17.00	A
			0.22	S
Total Pounds On This Commodity	7.20		16,000.00	
Landscape Maintenance	59.16			
Rights Of Way	270.99			
Chemical Total	337.34			
ALPHA-TRIDECYL-OMEGA-HYDROXPOLY(OXYETHANOL) PHOSPHATE				
Olive	2.11	4	39.00	A
Chemical Total	2.11	4		
TRIETHANOLAMINE				
Grape, Wine	< 0.01	2	0.30	A
Landscape Maintenance	3.04			
Rights Of Way	0.23			
Chemical Total	3.28	2		
TRIFLOXYSTROBIN				
Golf Course Turf	4.67		19.00	A
Grape, Wine	2.94	6	27.40	A
Landscape Maintenance	10.12			
Regulatory Pest Control	0.03			
Research Commodity	0.01			
Chemical Total	17.76	6		
TRIFLOXYSULFURON-SODIUM				
Landscape Maintenance	0.58			
Chemical Total	0.58			
TRIFLUMIZOLE				
Grape, Wine	50.49	66	365.02	A
Regulatory Pest Control	0.37			
Chemical Total	50.86	66		
TRIFLURALIN				
Landscape Maintenance	55.86			
N-Outdr Plants In Containers	19.20	29	29.00	A
Chemical Total	75.06	29		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXPOLY (OXYETHYLENE)				
Grape, Wine	35.29	31	273.71	A
Landscape Maintenance	1.99			
Chemical Total	37.28	31		
TRINEXAPAC-ETHYL				
Golf Course Turf	99.08		619.07	A

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

Text files of data are available at <ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Landscape Maintenance	166.41			
Chemical Total	265.49			
TRIPTOLIDE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
TRITICONAZOLE				
Landscape Maintenance	0.26			
Chemical Total	0.26			
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	27.48	2	225.00	A
Golf Course Turf	3.07		9.18	A
Grape, Wine	529.68	259	3,178.43	A
Landscape Maintenance	12.26			
Pistachio	40.69	6	280.00	A
Rights Of Way	758.95			
Water Area	3.60		12.00	A
Chemical Total	1,375.73	267		
UREA DIHYDROGEN SULFATE				
Olive	6.24	4	39.00	A
Chemical Total	6.24	4		
4-VINYLCYCLOHEXENEDIPOXIDE				
Structural Pest Control	0.01			
Chemical Total	0.01			
WARFARIN				
Landscape Maintenance	0.02			
Structural Pest Control	< 0.01			
Vertebrate Control	< 0.01			
Chemical Total	0.02			
XYLENE				
Structural Pest Control	0.09			
Chemical Total	0.09			
YUCCA SCHIDIGERA				
Landscape Maintenance	10.39			
Rights Of Way	26.72			
Chemical Total	37.12			
ZINC PHOSPHIDE				
Landscape Maintenance	4.11			
Structural Pest Control	0.10			
Vertebrate Control	< 0.01			

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

Text files of data are available at <<ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>>

Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit,

No value: many non-productional-agricultural pesticide use reports are not legally required to report area treated or number of applications.

Chemical Commodity	Pounds Applied	Agricultural Applications	Amount Treated	Unit Type
Chemical Total	4.21			
Alameda County Total	285,779.02	7,169		