

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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				
Alfalfa	0.71	1	48.00	A
Almond	2,421.84	2,135	126,484.39	A
Apricot	0.02	1	1.00	A
Bean, Dried	33.81	40	2,128.00	A
Bean, Succulent	2.97	6	294.00	A
Cantaloupe	34.54	56	3,162.90	A
Cherry	27.33	38	1,014.00	A
Citrus	0.23	1	11.00	A
Corn (Forage - Fodder)	2.75	5	190.00	A
Cotton	543.40	1,051	48,690.24	A
Endive (Escarole)	0.42	1	24.00	A
Grape	0.13	2	8.00	A
Grape, Wine	273.20	111	13,485.29	A
Lettuce, Head	2.91	6	173.50	A
Melon	1.69	9	124.00	A
N-Grnhs Plants In Containers	0.18	3	40.00	A
N-Outdr Plants In Containers	0.01	1	0.80	A
N-Outdr Transplants	< 0.01	1	0.05	A
Onion, Dry	0.70	1	38.00	A
Peach	45.88	108	2,263.38	A
Pepper, Fruiting	7.50	14	454.88	A
Pistachio	63.40	21	2,589.00	A
Pluot	0.10	1	5.00	A
Prune	1.00	1	42.00	A
Pumpkin	0.29	1	16.75	A
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.01			
Tomato	7.38	14	457.60	A
Tomato, Processing	4.91	9	395.25	A
Walnut	92.98	126	4,656.55	A
Watermelon	5.32	8	386.67	A
Chemical Total	3,575.62	3,772		
ABAMECTIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ACEPHATE				
Almond	578.12	4	596.00	A
Bean, Dried	608.61	17	949.50	A
Cherry	14.55	1	15.00	A
Cotton	1,014.27	37	1,427.38	A
N-Grnhs Plants In Containers	15.78	3	45.00	A
N-Outdr Plants In Containers	501.98	18	690.00	A
Rights Of Way	10.80			
Structural Pest Control	4.36			
Chemical Total	2,748.46	80		
ACEQUINOCYL				
N-Outdr Transplants	5.21	4	13.85	A
Chemical Total	5.21	4		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
ACETAMIPRID				
Almond	624.31	78	5,052.13	A
Cantaloupe	60.28	14	828.00	A
Cotton	406.42	150	7,074.51	A
Garlic	5.60	1	67.00	A
Grape	0.20	1	2.00	A
Melon	10.95	7	117.20	A
N-Outdr Plants In Containers	5.38	1	30.00	A
N-Outdr Transplants	1.31	3	9.08	A
Peach	5.78	5	60.50	A
Pecan	2.28	1	19.00	A
Pepper, Fruiting	25.69	10	372.20	A
Pistachio	214.47	10	1,442.00	A
Prune	3.87	1	26.00	A
Radicchio	0.60	1	8.00	A
Rights Of Way	3.50	1	1.00	A
Structural Pest Control	67.29			
Tomato	108.67	42	1,598.59	A
Tomato, Processing	12.34	4	188.45	A
Walnut	229.39	47	1,822.65	A
Chemical Total	1,788.34	377		
ACETIC ACID				
Basil, Sweet	0.03	1	16.30	A
Chicory	0.05	1	47.00	A
Radicchio	0.60	9	445.75	A
Chemical Total	0.69	11		
ACIBENZOLAR-S-METHYL				
N-Outdr Transplants	4.98	21	226.43	A
Tomato	1.20	5	51.20	A
Chemical Total	6.18	26		
ACRYLAMIDE/SODIUM ACRYLATE COPOLYMER				
Alfalfa	1.01	2	144.00	A
Almond	6.77	17	488.50	A
Barley	0.35	2	50.00	A
Cotton	19.31	63	2,466.76	A
Tomato, Processing	1.28	2	121.10	A
Chemical Total	28.73	86		
ACRYLIC ACID				
Alfalfa	3.55	16	1,170.70	A
Almond	428.64	44	3,706.13	A
Asparagus	13.35	2	136.00	A
Cantaloupe	0.14	1	35.00	A
Cherry	1.64	3	31.00	A
Corn (Forage - Fodder)	1.21	13	292.00	A
Grape, Wine	13.15	1	108.00	A
Peach	0.70	1	21.70	A
Pistachio	3.62	2	222.80	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	8.75	4	144.00	A
Chemical Total	474.74	87		
AGROBACTERIUM RADIOBACTER				
Almond	0.06	1	1.00	A
Chemical Total	0.06	1		
ALCOHOLS, C4-C12, NORMAL				
Corn, Human Consumption	0.35	1	29.00	A
Chemical Total	0.35	1		
ALCOHOLS, C12 - C13, ETHOXYLATED				
Almond	9.51	8	170.00	A
Corn (Forage - Fodder)	33.65	7	247.00	A
Rights Of Way	90.95			
Chemical Total	134.10	15		
ALKYL AND ALKYLARYL POLY (OXYETHYLENE) GLYCOLS, MIXED				
Corn (Forage - Fodder)	2.33	1	34.68	A
Cotton	243.71	51	2,920.38	A
Chemical Total	246.04	52		
ALPHA-ALKYLARYL-OMEGA-HYDROXPOLY(OXYETHYLENE) PHOSPHATE				
Almond	1.35	3	52.50	A
Chemical Total	1.35	3		
ALKYL BENZENE SULFONIC ACID				
Parsley	19.16	6	672.36	A
Chemical Total	19.16	6		
ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Animal Premise	1,303.52		240.00	U
Structural Pest Control	0.04			
Chemical Total	1,303.56			
ALKYL (60% C14, 30% C16, 5% C12, 5% C18) DIMETHYLBENZYL AMMONIUM CHLORIDE				
Animal Premise	5,379.27		425.00	U
Food Processing Plant	134.66		2.00	U
Landscape Maintenance	< 0.01			
Chemical Total	5,513.93			
ALKYL (50% C14, 40% C12, 10% C16) DIMETHYLBENZYL AMMONIUM SACCHARINATE				
Household	0.04		18.00	U
Chemical Total	0.04			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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 (68% C12, 32% C14) DIMETHYLETHYLBENZYL AMMONIUM CHLORIDE				
Animal Premise	5,379.27		425.00	U
Food Processing Plant	134.66		2.00	U
Landscape Maintenance	< 0.01			
Chemical Total	5,513.93			
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	157.80	30	1,047.45	A
Almond	8,083.90	2,198	85,680.09	A
Apricot	11.76	4	204.00	A
Bean, Dried	4.59	1	30.00	A
Broccoli	33.75	3	275.80	A
Cherry	3.67	1	10.00	A
Cilantro	4.28	2	56.00	A
Corn (Forage - Fodder)	956.07	225	9,793.04	A
Corn, Human Consumption	17.42	1	50.20	A
Cotton	2,705.33	154	11,350.30	A
Dill	1.07	1	14.00	A
Fig	3.25	1	75.00	A
Forage Hay/Silage	1.13	1	60.00	A
Grape	11.44	11	126.00	A
Grape, Wine	4,421.70	300	27,576.41	A
N-Outdr Plants In Containers	33.03	9	279.50	A
N-Outdr Transplants	13.45	2	36.00	A
Nectarine	0.37	2	8.50	A
Oat (Forage - Fodder)	1.83	2	112.00	A
Peach	218.64	171	2,674.61	A
Pistachio	334.33	64	4,176.85	A
Plum	0.13	1	3.00	A
Research Commodity	0.28			
Rice	1.13	1	20.00	A
Rights Of Way	1,504.39			
	213.43	13	891.00	A
Total Pounds On This Commodity	1,717.82			
Squash	14.54	3	81.00	A
Tomato	13.65	12	366.00	A
Tomato, Processing	40.66	5	369.00	A
Walnut	351.47	106	3,361.11	A
Wheat (Forage - Fodder)	42.28	7	279.00	A
Chemical Total	19,200.75	3,331		
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	243.06	21	1,025.10	A
Almond	1,703.31	126	6,948.72	A
Cotton	9.50	7	122.10	A
Grape, Wine	21.77	1	64.44	A
Lettuce, Head	15.41	2	217.00	A
Pastureland	4.79	1	17.00	A
Peach	22.83	5	162.13	A
Pistachio	217.36	66	1,271.41	A
Rights Of Way	67.71			
	9.85	6	60.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	77.56			
Tomato, Processing	21.76	4	322.00	A
Uncultivated Ag	1.57	1	55.60	A
Walnut	15.66	7	76.84	A
Chemical Total	2,354.58	247		
ALPHA-ALKYL (C9-C18)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	2.48	1	20.00	A
Chemical Total	2.48	1		
ALPHA-ALKYL (C10-C14)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	105.15	16	508.36	A
Cotton	2.05	1	37.40	A
Pistachio	3.13	1	17.18	A
Walnut	8.78	1	20.00	A
Chemical Total	119.12	19		
ALPHA-ALKYL (C10-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	96.73	8	446.00	A
Almond	16,898.82	431	20,013.90	A
Apple	5.13	1	7.50	A
Corn (Forage - Fodder)	1,357.25	100	3,625.90	A
Forage Hay/Silage	21.21	3	62.00	A
Oat (Forage - Fodder)	602.18	67	2,073.31	A
Peach	305.80	36	652.00	A
Pecan	26.00	1	19.00	A
Pistachio	1.68	1	9.44	A
Rights Of Way	1.03	2	3.00	A
Walnut	106.04	13	180.00	A
Wheat (Forage - Fodder)	289.72	19	847.00	A
Chemical Total	19,711.57	682		
ALPHA-ALKYL (C12-C16)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	13.07	16	508.36	A
Cotton	0.26	1	37.40	A
Pistachio	0.39	1	17.18	A
Walnut	1.09	1	20.00	A
Chemical Total	14.80	19		
ALPHA-PINENE BETA-PINENE COPOLYMER				
Alfalfa	180.82	6	268.00	A
Almond	3,844.62	247	15,170.92	A
Apricot	0.74	1	18.00	A
Carrot	22.08	2	129.20	A
Cherry	162.37	16	541.00	A
Corn (Forage - Fodder)	22.27	11	301.50	A
Oat (Forage - Fodder)	2.32	2	42.00	A
Olive	26.22	1	60.00	A
Peach	184.05	35	716.42	A
Pecan	0.27	1	1.50	A
Squash	20.15	1	80.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Sweet Potato	15.05	4	125.00	A
Walnut	98.18	21	685.92	A
Wheat (Forage - Fodder)	8.87	6	160.50	A
Chemical Total	4,588.00	354		
ALPHA-ALKYL (C12-C14)-OMEGA-HYDROXYPOLY(OXYETHYLENE)				
Alfalfa	1,219.76	241	12,895.30	A
Almond	4,164.83	406	32,735.54	A
Asparagus	155.91	14	863.00	A
Barley	12.67	2	164.50	A
Basil, Sweet	77.86	15	1,009.50	A
Cantaloupe	134.20	25	1,075.98	A
Chicory	0.77	1	40.00	A
Corn (Forage - Fodder)	887.35	233	13,318.56	A
Corn, Human Consumption	68.13	25	1,285.09	A
Cotton	2,587.83	568	25,070.32	A
Fig	20.20	6	680.01	A
Garlic	75.68	14	1,021.30	A
Grape	6.04	4	46.00	A
N-Outdr Transplants	223.62	43	576.91	A
Oat	1.14	1	59.65	A
Oat (Forage - Fodder)	85.43	34	1,539.40	A
Onion, Dry	20.08	4	261.20	A
Pepper, Fruiting	11.87	5	143.90	A
Pistachio	628.54	83	6,551.91	A
Radicchio	2.90	2	151.00	A
Rights Of Way	40.04			
	0.40	1	5.00	A
Total Pounds On This Commodity	40.44			
Rye	5.16	1	67.00	A
Sudangrass	2.96	1	77.10	A
Tomato	631.86	30	2,017.09	A
Tomato, Processing	684.87	155	10,787.86	A
Triticale	13.00	6	247.00	A
Uncultivated Ag	23.10	2	300.00	A
Walnut	529.46	67	2,861.80	A
Watermelon	87.78	22	829.60	A
Wheat	134.50	57	3,309.74	A
Wheat (Forage - Fodder)	435.94	172	8,940.76	A
Chemical Total	12,973.89	2,240		
ALPHA-ALKYL (C12-C15)-OMEGA-HYDROXYPOLY(OXYETHYLENE) SULFATE, SODIUM SALT				
Almond	223.66	31	2,837.00	A
Pistachio	4.19	2	35.00	A
Walnut	21.37	6	310.00	A
Chemical Total	249.22	39		
ALKYL (C9-C11) OLIGOMERIC D-GLUCOPYRANOSIDE				
Alfalfa	44.15	16	745.60	A
Almond	657.84	239	14,080.76	A
Apricot	0.09	1	27.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Corn (Forage - Fodder)	6.00	16	1,196.00	A
Corn, Human Consumption	32.16	9	417.34	A
Cotton	0.60	26	562.88	A
Fig	65.48	6	680.01	A
Grape, Wine	73.16	275	20,445.46	A
Oat (Forage - Fodder)	20.80	17	565.90	A
Peach	0.67	54	322.97	A
Pepper, Fruiting	0.35	1	18.00	A
Pistachio	205.12	41	3,105.67	A
Rights Of Way	0.42	1	100.00	A
Sweet Potato	0.45	7	258.00	A
Walnut	56.52	23	744.40	A
Wheat	132.44	23	1,542.20	A
Wheat (Forage - Fodder)	142.14	43	2,338.40	A
Chemical Total	1,438.39	798		
ALKYL (C8,C10) POLYGLUCOSIDE				
Alfalfa	336.59	69	3,425.30	A
Almond	2,253.14	395	12,766.63	A
Bean, Dried	0.66	1	56.00	A
Cantaloupe	5.84	1	52.00	A
Corn (Forage - Fodder)	360.28	73	3,621.20	A
Cotton	10.27	12	378.80	A
Ditch Bank	3.37		30.00	A
Grape, Wine	2.35	1	22.00	A
Landscape Maintenance	125.06			
N-Outdr Plants In Containers	48.04	2	45.00	A
Oat (Forage - Fodder)	7.19	2	80.00	A
Peach	35.77	16	240.34	A
Pepper, Fruiting	1.93	10	264.41	A
Pistachio	218.19	25	1,399.81	A
Prune	0.35	1	26.00	A
Rice	3.42	1	285.00	A
Rights Of Way	284.99			
	82.50	82	301.00	A
Total Pounds On This Commodity	367.49			
Structural Pest Control	0.30			
Sudangrass	105.57	1	47.00	A
Sweet Potato	4.01	5	25.00	A
Tomato	0.14	1	26.00	A
Tomato, Processing	3.60	18	547.41	A
Uncultivated Ag	13.70	3	122.00	A
Walnut	61.62	20	313.86	A
Wheat (Forage - Fodder)	268.06	23	1,021.55	A
Chemical Total	4,236.94	762		
D-TRANS ALLETHRIN				
Animal Premise	< 0.01		3.00	U
Structural Pest Control	0.02			
Chemical Total	0.02			
ALLYLOXPOLYETHYLENE GLYCOL ACETATE				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	125.11	35	2,588.15	A
Corn, Human Consumption	1.50	6	343.60	A
Endive (Escarole)	4.82	5	123.00	A
Grape, Wine	70.42	12	934.16	A
Pepper, Fruiting	26.35	72	2,604.10	A
Pistachio	3.89	1	55.00	A
Rights Of Way	0.05			
Tomato	17.04	87	3,674.00	A
Chemical Total	249.18	218		
ALMOND, BITTER				
Rights Of Way	0.02			
Chemical Total	0.02			
ALUMINUM PHOSPHIDE				
Alfalfa	1.98	1	34.00	A
Almond	1,324.18	80	5,003.04	A
	134.66	17	3,211,963.00	U
	125.28		2,116,678.00	C
	86.07		2,020,748.00	P
Total Pounds On This Commodity	1,670.19			
Commodity Fumigation	63.43			
	0.63	1	10,000.00	C
Total Pounds On This Commodity	64.06			
Fumigation, Other	4.22			
Landscape Maintenance	1.35			
Pastureland	0.56	2	30.00	A
Regulatory Pest Control	15.01			
Rye	0.24		1,400.00	C
Structural Pest Control	2.73			
Uncultivated Ag	0.16	1	0.50	A
Chemical Total	1,760.50	102		
AMETOCTRADIN				
Onion, Dry	1.71		3.90	A
Chemical Total	1.71			
AMINOCYCLOPYRACHLOR				
Rights Of Way	13.10			
Chemical Total	13.10			
AMINOCYCLOPYRACHLOR, POTASSIUM SALT				
Rights Of Way	81.78			
Chemical Total	81.78			
AMINO ETHOXY VINYL GLYCINE HYDROCHLORIDE				
Almond	23.16	11	211.31	A
Walnut	3.29	1	30.00	A
Chemical Total	26.45	12		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
AMINOPYRALID, TRISOPROPANOLAMINE SALT				
Landscape Maintenance	19.84			
Pastureland	50.38	2	415.00	A
Rangeland	55.26	3	326.43	A
Rights Of Way	971.70			
	54.53	3	289.00	A
Total Pounds On This Commodity	1,026.23			
Structural Pest Control	4.91			
Chemical Total	1,156.61	8		
4-AMINOPYRIDINE				
Structural Pest Control	0.05			
Chemical Total	0.05			
AMITRAZ				
Beehive	2.81		2,500.00	U
Chemical Total	2.81			
AMMONIUM NITRATE				
Alfalfa	420.76	18	1,055.60	A
Almond	7,353.66	797	40,975.91	A
Corn (Forage - Fodder)	38.42	1	105.00	A
Corn, Human Consumption	305.40	9	417.34	A
Fig	621.92	6	680.01	A
Forage Hay/Silage	0.15	1	60.00	A
Grape, Wine	9.38	18	663.86	A
Landscape Maintenance	20.27			
N-Outdr Plants In Containers	22.88	2	45.00	A
Oat (Forage - Fodder)	195.16	12	372.90	A
Peach	10.38	9	130.55	A
Pepper, Fruiting	3.29	1	18.00	A
Pistachio	2,704.04	71	4,850.16	A
Research Commodity	0.04			
Rice	60.33	2	305.00	A
Rights Of Way	82.10			
	46.26	15	850.00	A
Total Pounds On This Commodity	128.36			
Structural Pest Control	0.14			
Sweet Potato	1.91	5	25.00	A
Tomato, Processing	2.77	3	254.00	A
Walnut	565.15	53	1,408.96	A
Wheat	1,254.39	18	1,385.00	A
Wheat (Forage - Fodder)	1,349.99	43	2,338.40	A
Chemical Total	15,068.80	1,084		
AMMONIUM PROPIONATE				
Alfalfa	255.99	54	3,234.74	A
Almond	1,612.05	157	12,418.34	A
Cantaloupe	61.98	4	289.00	A
Cherry	24.76	5	150.00	A
Corn (Forage - Fodder)	12.35	5	261.60	A
Cotton	114.30	47	2,213.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cotton (Forage - Fodder)	74.01	1	157.00	A
Landscape Maintenance	8.31			
Oat (Forage - Fodder)	25.79	12	1,051.00	A
Pistachio	129.88	65	1,323.37	A
Prune	20.23	3	214.67	A
Rights Of Way	26.66			
Tomato, Processing	47.72	15	1,011.80	A
Walnut	142.32	14	657.00	A
Wheat (Forage - Fodder)	21.51	4	456.00	A
Chemical Total	2,577.87	386		
AMMONIUM SULFATE				
Alfalfa	5,372.12	362	18,795.16	A
Almond	26,809.03	1,963	83,012.19	A
Apricot	27.99	2	72.36	A
Barley	1.96	2	40.00	A
Basil, Sweet	9.27	1	94.50	A
Cantaloupe	84.65	9	628.87	A
Cherry	2,022.54	136	2,319.87	A
Corn (Forage - Fodder)	6,013.54	396	21,783.77	A
Corn, Human Consumption	176.59	17	795.45	A
Cotton	4,775.23	691	32,142.68	A
Cotton (Forage - Fodder)	18.50	1	157.00	A
Ditch Bank	26.64		30.00	A
Fig	24.29	9	397.00	A
Forage Hay/Silage	108.43	16	607.00	A
Garlic	15.71	1	80.00	A
Grape	6.20	2	42.00	A
Grape, Wine	1,029.10	81	3,340.73	A
Landscape Maintenance	42.62			
N-Outdr Plants In Containers	50.92	6	87.00	A
Oat	50.00	1	59.65	A
Oat (Forage - Fodder)	177.63	36	2,494.50	A
Olive	5.65	3	24.03	A
Peach	327.77	59	714.31	A
Pepper, Fruiting	5.46	2	41.90	A
Pistachio	1,911.17	177	9,834.09	A
Prune	87.11	8	473.46	A
Radicchio	216.74	8	892.20	A
Research Commodity	0.90			
Rice	3.60	1	20.00	A
Rights Of Way	1,101.45			
	760.44	98	1,124.67	A
Total Pounds On This Commodity	1,861.89			
Structural Pest Control	0.28			
Sudangrass	834.75	1	47.00	A
Sweet Potato	3.82	5	25.00	A
Tomato	44.53	6	440.10	A
Tomato, Processing	446.07	71	4,887.91	A
Uncultivated Ag	145.92	8	298.60	A
Walnut	2,528.24	168	4,305.95	A
Wheat	132.25	28	1,216.82	A
Wheat (Forage - Fodder)	60,519.41	174	9,608.44	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	115,918.54	4,549		
AMYL ACETATE				
Almond	0.93	1	34.00	A
Chemical Total	0.93	1		
AROMATIC 200				
Alfalfa	53.41	2	87.44	A
Almond	4,664.10	88	10,643.05	A
Fig	329.81	4	360.01	A
Pistachio	2,164.18	31	3,132.30	A
Rights Of Way	15.27	1	50.00	A
Walnut	150.33	16	327.22	A
Chemical Total	7,377.10	142		
ASPERGILLUS FLAVUS STRAIN AF36				
Pistachio	0.80	94	9,935.73	A
Chemical Total	0.80	94		
AUREOBASIDIUM PULLULANS STRAIN DSM 14940				
Almond	78.86	12	315.50	A
Chemical Total	78.86	12		
AUREOBASIDIUM PULLULANS STRAIN DSM 14941				
Almond	78.86	12	315.50	A
Chemical Total	78.86	12		
AZADIRACHTIN				
Cantaloupe	2.05	2	72.57	A
Corn (Forage - Fodder)	2.47	3	87.60	A
Melon	0.78	2	27.53	A
N-Grnhs Plants In Containers	0.03	10	28,500.00	S
N-Grnhs Transplants	0.85	10	25.04	A
Pepper, Fruiting	0.81	1	35.30	A
Squash	3.86	2	160.00	A
Tomato	15.54	6	412.50	A
Tomato, Processing	0.41	1	29.30	A
Watermelon	1.04	2	36.71	A
Chemical Total	27.83	39		
AZOXYSTROBIN				
Almond	12,534.11	993	64,836.17	A
Apricot	15.81	3	89.50	A
Broccoli	49.58	5	296.00	A
Carrot	89.74	9	492.50	A
Garlic	150.00	12	891.20	A
Grape	7.63	4	44.00	A
Grape, Wine	0.89	1	3.70	A
Landscape Maintenance	3.97			
N-Grnhs Flower	2.92		6.70	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	20.45	16	202.40	A
N-Outdr Plants In Containers	34.60	10	137.58	A
N-Outdr Transplants	24.09	12	115.54	A
Onion, Dry	47.41	2	193.00	A
Parsley	203.81	8	896.48	A
Peach	53.58	22	309.00	A
Pepper, Fruiting	66.84	12	474.60	A
Pistachio	156.63	14	718.00	A
Radicchio	93.17	4	448.10	A
Tomato	145.58	42	1,585.55	A
Tomato, Processing	1,336.17	221	13,092.15	A
Turf/Sod	1.89	4	54.00	A
Walnut	131.11	18	781.50	A
Watermelon	104.86	12	573.90	A
Chemical Total	15,274.83	1,424		
BACILLUS AMYLOLIQUEFACIENS STRAIN D747				
Basil, Sweet	251.37	3	48.90	A
Garlic	2,405.29	4	208.00	A
Prune	118.94	1	27.00	A
Radicchio	2,268.73	13	535.00	A
Tomato	1,238.95	4	375.00	A
Tomato, Processing	1,475.78	4	300.00	A
Vegetable	8.81	1	1.50	A
Chemical Total	7,767.87	30		
BACILLUS PUMILUS, STRAIN QST 2808				
Radicchio	11.16	4	186.00	A
Chemical Total	11.16	4		
BACILLUS SPHAERICUS 2362, SEROTYPE H5A5B, STRAIN ABTS 1743 FERMENTATION SOLIDS, SPORES AND INSECTICIDAL TOXINS				
Public Health	8.52			
Chemical Total	8.52			
BACILLUS SUBTILIS GB03				
N-Outdr Plants In Containers	0.01	2	40.00	A
N-Outdr Transplants	0.22	20	295.00	A
Chemical Total	0.23	22		
BACILLUS SUBTILIS STRAIN IAB/BS03				
N-Outdr Plants In Containers	< 0.01	3	2.40	A
Chemical Total	< 0.01	3		
BACILLUS THURINGIENSIS, SUBSP. AIZAWAI, STRAIN ABTS-1857				
Almond	208.64	5	395.12	A
Chicory	25.38	1	47.00	A
Radicchio	560.25	12	518.75	A
Tomato, Processing	341.28	6	316.00	A
Chemical Total	1,135.55	24		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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				
Public Health	17.19			
Chemical Total	17.19			
BACILLUS THURINGIENSIS, SUBSP. ISRAELENIS, STRAIN AM 65-52				
Public Health	4,931.30			
Chemical Total	4,931.30			
BACILLUS THURINGIENSIS, SUBSP. KURSTAKI, STRAIN ABTS-351, FERMENTATION SOLIDS AND SOLUBLES				
Alfalfa	114.89	17	916.20	A
Almond	3,338.58	104	7,073.46	A
Bean, Dried	16.20	1	15.00	A
Cantaloupe	176.34	6	217.71	A
Corn (Forage - Fodder)	98.00	2	101.49	A
Corn, Human Consumption	75.60	1	70.00	A
Melon	88.00	8	108.65	A
N-Outdr Plants In Containers	64.80	2	60.00	A
N-Outdr Transplants	238.68	10	221.00	A
Watermelon	89.20	6	110.13	A
Chemical Total	4,300.30	157		
BACILLUS THURINGIENSIS (BERLINER), SUBSP. KURSTAKI, STRAIN SA-11				
N-Grnhs Transplants	15.96	12	180.40	A
Chemical Total	15.96	12		
BEAUVERIA BASSIANA HF 23				
Animal Premise	7.69		16.00	U
Chemical Total	7.69			
BENSULFURON METHYL				
Rice	2.92	1	116.00	A
Chemical Total	2.92	1		
BENSULIDE				
N-Grnhs Flower	15.50		80,000.00	S
Watermelon	642.68	6	112.40	A
Chemical Total	658.18	6		
BENZOIC ACID				
Alfalfa	3.97	17	1,043.56	A
Almond	133.89	380	23,801.35	A
Corn (Forage - Fodder)	4.82	21	1,072.07	A
Cotton	25.73	99	6,599.32	A
Forage Hay/Silage	3.23	15	865.60	A
Grape, Wine	2.23	7	391.74	A
Lettuce, Head	1.78	9	330.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Oat (Forage - Fodder)	1.21	3	213.00	A
Peach	0.02	1	4.25	A
Pistachio	6.67	14	1,171.00	A
Rice	0.11	1	20.00	A
Rights Of Way	6.35	7	700.00	A
	0.04			
Total Pounds On This Commodity	6.39			
Tomato	1.99	21	1,399.70	A
Tomato, Processing	2.63	11	968.60	A
Triticale	0.41	2	151.00	A
Walnut	3.63	19	639.50	A
Wheat (Forage - Fodder)	2.40	13	502.00	A
Chemical Total	201.12	640		
BIFENAZATE				
Almond	8,594.83	243	13,592.56	A
Cherry	122.85	10	256.00	A
Grape, Wine	904.34	23	1,808.67	A
N-Grnhs Transplants	0.09	1	0.20	A
N-Outdr Plants In Containers	93.78	8	175.60	A
N-Outdr Transplants	79.29	18	171.35	A
Peach	79.19	10	158.78	A
Strawberry	0.25	1	1.00	A
Walnut	1,021.25	40	1,697.56	A
Chemical Total	10,895.88	354		
BIFENTHRIN				
Almond	8,653.73	886	55,255.85	A
Bean, Dried	35.80	10	399.00	A
Blueberry	0.13	1	13.00	A
Cantaloupe	108.18	23	1,808.00	A
Corn (Forage - Fodder)	95.65	19	957.56	A
Cotton	98.35	19	1,145.20	A
Landscape Maintenance	4.28			
Melon	7.26	2	143.00	A
N-Grnhs Transplants	1.07	5	10.50	A
N-Outdr Plants In Containers	0.80	3	8.00	A
N-Outdr Transplants	0.04	1	0.25	A
Pepper, Fruiting	39.67	24	774.10	A
Pistachio	1,718.21	149	12,906.66	A
Pomegranate	1.50	1	10.00	A
Pumpkin	2.18	2	25.25	A
Raspberry	8.07	1	81.00	A
Regulatory Pest Control	1.33			
Structural Pest Control	726.01			
Sweet Potato	195.58	48	1,864.90	A
Tomato	215.77	80	3,451.72	A
Tomato, Processing	203.97	35	2,556.00	A
Walnut	684.63	95	5,234.50	A
Chemical Total	12,802.18	1,404		

N,N-BIS-(2-OMEGA-HYDROXPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE,

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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 DERIVED FROM TALLOW FATTY ACIDS				
Alfalfa	120.51	155	7,474.80	A
Almond	6,679.72	1,579	82,031.46	A
Apple	1.92	2	15.00	A
Apricot	1.80	2	45.00	A
Asparagus	0.46	3	40.00	A
Bean, Dried	23.99	13	575.00	A
Bean, Succulent	5.24	3	147.00	A
Cantaloupe	3.70	8	408.82	A
Carrot	28.29	7	393.40	A
Cherry	52.89	34	944.33	A
Citrus	< 0.01	1	0.48	A
Corn (Forage - Fodder)	369.56	146	8,134.99	A
Corn, Human Consumption	4.02	7	244.60	A
Cotton	231.91	466	21,703.98	A
Endive (Escarole)	7.39	4	105.00	A
Fig	64.89	6	440.01	A
Garlic	1.25	2	163.70	A
Grape	1.69	11	212.00	A
Grape, Wine	219.55	19	1,662.43	A
Landscape Maintenance	1.08	4	28.00	A
Nectarine	0.33	2	8.50	A
Oat (Forage - Fodder)	4.04	3	283.00	A
Olive	1.21	1	60.00	A
Onion, Dry	0.99	2	130.60	A
Parsley	23.90	6	672.36	A
Peach	195.38	100	1,955.74	A
Pecan	0.35	1	10.00	A
Pepper, Fruiting	20.82	14	384.90	A
Persimmon	0.05	1	13.00	A
Pistachio	1,107.42	225	14,811.98	A
Plum	0.12	1	3.00	A
Prune	13.53	10	988.00	A
Pumpkin	0.48	2	17.00	A
Rights Of Way	33.09			
	17.12	25	1,835.00	A
Total Pounds On This Commodity	50.22			
Rye	2.95	5	96.50	A
Safflower	0.60	1	105.00	A
Sweet Potato	35.23	25	648.25	A
Tomato	28.43	27	1,794.00	A
Tomato, Processing	67.19	87	4,605.65	A
Uncultivated Ag	5.89	6	603.00	A
Walnut	395.16	93	3,564.21	A
Water Area	0.31		26.00	A
Watermelon	1.63	6	241.60	A
Wheat	2.52	4	215.50	A
Wheat (Forage - Fodder)	28.46	15	1,007.73	A
Chemical Total	9,807.07	3,134		
N,N-BIS-(2-(OMEGA-HYDROXYPOLY(OXYETHYLENE)/POLY(OXYPROPYLENE))ETHYL)ALKYL (C8-C18) AMINE				
Alfalfa	19.19	6	230.90	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cherry	583.44	5	70.00	A
Corn (Forage - Fodder)	31.78	4	160.00	A
Corn, Human Consumption	14.67	4	130.00	A
N-Outdr Plants In Containers	262.83	55	2,110.00	A
Oat (Forage - Fodder)	237.56	48	2,333.50	A
Chemical Total	1,149.47	122		
BISPYRIBAC-SODIUM				
Rice	9.54	1	285.00	A
Chemical Total	9.54	1		
BORAX				
Almond	0.82	8	49.96	A
Rights Of Way	784.29			
Structural Pest Control	0.65			
Chemical Total	785.76	8		
BORIC ACID				
Animal Premise	213,286.40		131.00	U
Landscape Maintenance	3.50			
Regulatory Pest Control	1.55			
Structural Pest Control	256.34			
Chemical Total	213,547.78			
BOSCALID				
Almond	3,290.68	474	17,412.70	A
Apricot	28.16	3	149.00	A
Blackberry	0.03	1	0.25	A
Boysenberry	0.03	1	0.25	A
Carrot	75.08	13	454.00	A
Cherry	13.86	4	65.00	A
Grape	5.67	1	18.00	A
Grape, Wine	3,068.33	97	9,997.46	A
N-Grnhs Transplants	4.48	5	75.40	A
N-Outdr Plants In Containers	49.75	10	137.40	A
N-Outdr Transplants	0.06	1	0.50	A
Peach	272.46	58	1,483.33	A
Pistachio	178.53	24	876.20	A
Pumpkin	4.49	1	16.75	A
Radicchio	270.94	12	875.60	A
Stone Fruit	3.02	4	22.00	A
Strawberry	0.03	1	0.25	A
Vegetable	0.03	1	0.25	A
Walnut	208.83	13	1,200.00	A
Chemical Total	7,474.46	724		
BRODIFACOUM				
Structural Pest Control	0.09			
Vertebrate Control	0.11			
Chemical Total	0.20			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
BROMACIL				
N-Outdr Transplants	0.05	1	47.00	A
Rights Of Way	93.60			
	12.00	1	5.00	A
Total Pounds On This Commodity	105.60			
Structural Pest Control	4.80			
Uncultivated Non-Ag	2.40		17.00	A
Chemical Total	112.85	2		
BROMADIOLONE				
Food Processing Plant	< 0.01		5.00	U
Industrial Site	< 0.01		2.00	U
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.19			
Vertebrate Control	0.04			
Chemical Total	0.23			
BROMETHALIN				
Landscape Maintenance	< 0.01			
Structural Pest Control	0.01			
Vertebrate Control	0.03			
Chemical Total	0.04			
1-BROMO-3-CHLORO-5,5-DIMETHYL HYDANTOIN				
Water (Industrial)	637.00		3.00	U
Chemical Total	637.00			
BROMOXYNIL HEPTANOATE				
Alfalfa	283.04	23	1,236.64	A
Garlic	134.95	6	434.10	A
Oat (Forage - Fodder)	52.31	2	152.00	A
Onion, Dry	104.68	9	745.90	A
Sudangrass	76.41	6	222.10	A
Vertebrate Control	24.78			
Chemical Total	676.15	46		
BROMOXYNIL OCTANOATE				
Alfalfa	578.43	36	1,780.84	A
Forage Hay/Silage	6.96	1	15.00	A
Garlic	139.95	6	434.10	A
Oat (Forage - Fodder)	64.95	3	167.00	A
Onion, Dry	108.56	9	745.90	A
Sudangrass	122.06	7	302.10	A
Turf/Sod	139.82	18	197.00	A
Vertebrate Control	25.69			
Wheat	42.58	2	148.40	A
Chemical Total	1,228.99	82		
BUPROFEZIN				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	392.66	7	257.00	A
Cotton	0.01	2	0.02	A
Walnut	126.99	4	70.00	A
Chemical Total	519.66	13		
BURKHOLDERIA SP STRAIN A396 CELLS AND FERMENTATION MEDIA				
Almond	3,307.61	18	525.20	A
Sweet Potato	5,035.85	11	372.00	A
Chemical Total	8,343.46	29		
2-BUTOXYETHANOL				
Almond	40.31	84	3,494.87	A
Walnut	1.73	1	125.00	A
Chemical Total	42.04	85		
BUTYL ALCOHOL				
Alfalfa	60.66	32	1,785.90	A
Almond	882.88	320	28,144.90	A
Corn (Forage - Fodder)	2.89	3	70.00	A
Cotton	26.88	45	1,646.47	A
Grape, Wine	52.84	22	1,027.12	A
Landscape Maintenance	4.69			
Pistachio	1.67	2	53.37	A
Rights Of Way	75.79			
	28.35	4	400.00	A
Total Pounds On This Commodity	104.14			
Tomato, Processing	36.11	18	1,070.64	A
Uncultivated Ag	1.29	2	20.90	A
Walnut	6.36	3	147.00	A
Water Area	9.65	2	117.00	A
Wheat (Forage - Fodder)	9.13	10	252.00	A
Chemical Total	1,199.19	463		
BUTYL LACTATE				
Almond	101.28	12	734.87	A
Chemical Total	101.28	12		
ALPHA-(PARA-TERT-BUTYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE) PHOSPHATE				
Alfalfa	140.63	81	3,502.33	A
Almond	797.12	54	4,514.40	A
Asparagus	91.91	12	777.00	A
Basil, Sweet	7.71	3	238.70	A
Corn (Forage - Fodder)	293.42	133	7,093.59	A
Corn, Human Consumption	37.40	11	579.34	A
Cotton	246.44	122	5,294.66	A
Oat (Forage - Fodder)	0.80	1	52.00	A
Pistachio	31.10	1	193.00	A
Tomato	122.16	50	1,652.22	A
Tomato, Processing	3.56	1	22.00	A
Walnut	13.54	4	66.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	1,785.80	473		
CALCIUM CHLORIDE				
Alfalfa	1.99	4	178.00	A
Almond	424.24	141	26,863.30	A
Corn (Forage - Fodder)	1.59	8	230.00	A
Grape, Wine	75.78	10	642.00	A
Lettuce, Head	1.75	6	173.50	A
Pistachio	5.79	6	220.60	A
Rights Of Way	40.78	7	700.00	A
Walnut	3.78	3	180.00	A
Chemical Total	555.69	185		
CALCIUM HYDROXIDE				
Almond	2,074.50	8	230.50	A
Olive	4,725.00	4	210.00	A
Chemical Total	6,799.50	12		
CALCIUM HYPOCHLORITE				
Ditch Bank	1,046.52		9.00	U
Landscape Maintenance	38.61			
Water (Industrial)	0.36		1.00	U
Chemical Total	1,085.49			
CANOLA OIL				
Alfalfa	18.06	65	3,632.50	A
Almond	108.65	137	9,854.01	A
Bean, Dried	0.50	3	137.50	A
Corn (Forage - Fodder)	33.36	124	6,332.70	A
Cotton	1.02	5	292.00	A
Dill	0.14	1	14.00	A
Ditch Bank	0.31	1	60.00	A
Forage Hay/Silage	0.06	1	15.00	A
Grape, Wine	0.21	2	50.00	A
N-Outdr Transplants	54.79	155	5,975.20	A
Oat (Forage - Fodder)	6.12	28	1,414.62	A
Olive	1.06	2	90.00	A
Peach	1.73	12	212.12	A
Rights Of Way	0.50			
	0.33	3	80.00	A
Total Pounds On This Commodity	0.83			
Sudangrass	0.89	3	216.00	A
Uncultivated Ag	0.65	3	122.00	A
Walnut	0.38	3	48.00	A
Wheat	0.21	3	50.00	A
Wheat (Forage - Fodder)	9.19	41	1,877.55	A
Chemical Total	238.16	592		
CAPRIC ACID				
Almond	11.53	3	2.03	A
Citrus	< 0.01	1	0.02	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	11.54	4		
CAPRYLIC ACID				
Almond	16.94	3	2.03	A
Citrus	< 0.01	1	0.02	A
Chemical Total	16.94	4		
CAPTAN				
Almond	2,813.57	33	950.20	A
N-Outdr Plants In Containers	769.36	30	342.93	A
N-Outdr Transplants	4,880.40	94	1,875.26	A
Prune	2,752.07	8	919.00	A
Chemical Total	11,215.40	165		
CAPTAN, OTHER RELATED				
Almond	0.52	1	20.00	A
N-Outdr Plants In Containers	10.04	28	302.93	A
N-Outdr Transplants	3.94	8	98.88	A
Chemical Total	14.50	37		
CARBARYL				
Cantaloupe	408.50	7	737.00	A
N-Outdr Plants In Containers	96.27	1	32.00	A
N-Outdr Transplants	552.77	4	278.00	A
Peach	135.33	3	45.00	A
Rangeland	20.00	1	20.00	A
Tomato	479.69	15	1,103.47	A
Tomato, Processing	550.97	20	1,042.53	A
Chemical Total	2,243.52	51		
CARBO METHOXY ETHER CELLULOSE, SODIUM SALT				
Rights Of Way	3.65			
Chemical Total	3.65			
CARBON				
Landscape Maintenance	5.28			
Vertebrate Control	57.08			
Chemical Total	62.35			
CARFENTRAZONE-ETHYL				
Alfalfa	19.43	16	925.00	A
Almond	75.43	111	4,613.49	A
Barley	0.60	3	81.00	A
Cantaloupe	2.23	2	114.70	A
Cherry	14.04	28	491.67	A
Corn (Forage - Fodder)	50.08	57	3,523.28	A
Cotton	22.78	36	1,393.10	A
Fig	1.14	1	62.50	A
Forage Hay/Silage	76.34	40	1,858.75	A
Grape	0.03	1	4.17	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	53.59	36	1,919.63	A
Landscape Maintenance	2.38			
Lettuce, Head	1.61	2	217.00	A
N-Grnhs Flower	0.07		2.30	A
	0.03		52,000.00	S
Total Pounds On This Commodity	0.10			
Oat	0.95	1	65.00	A
Oat (Forage - Fodder)	292.80	337	17,689.50	A
Pastureland	0.43	1	30.00	A
Peach	1.82	7	80.69	A
Pepper, Fruiting	1.37	3	76.20	A
Pistachio	0.35	1	12.00	A
Rangeland	0.30	1	10.00	A
Rights Of Way	15.76			
	4.76	71	348.00	A
Total Pounds On This Commodity	20.51			
Rye	0.98	1	67.00	A
Sorghum/Milo	0.73	1	50.00	A
Sudangrass	2.08	6	156.00	A
Tomato	13.13	7	587.60	A
Tomato, Processing	113.47	79	5,918.70	A
Triticale	4.17	6	399.00	A
Uncultivated Ag	3.48	5	238.50	A
Walnut	5.10	10	333.63	A
Watermelon	2.98	4	116.70	A
Wheat	17.20	35	1,479.90	A
Wheat (Forage - Fodder)	136.26	225	10,491.69	A
Chemical Total	937.92	1,134		
CASTOR OIL ETHOXYLATE				
Almond	82.54	14	1,042.66	A
Cherry	124.62	20	608.00	A
Grape, Wine	446.32	21	2,780.00	A
Rice	33.74	1	285.00	A
Walnut	26.28	3	383.00	A
Chemical Total	713.49	59		
CHLORANTRANILIPROLE				
Alfalfa	1,274.90	658	37,678.51	A
Almond	6,156.78	1,258	73,306.99	A
Apricot	5.56	1	56.50	A
Asparagus	24.37	6	371.00	A
Cantaloupe	47.13	18	1,039.30	A
Corn (Forage - Fodder)	7.09	7	252.11	A
Corn, Human Consumption	1.66	2	84.00	A
Cotton	6.30	7	133.50	A
Endive (Escarole)	3.71	3	81.00	A
Fig	7.88	1	90.00	A
Grape, Wine	760.38	5	1,865.00	A
Melon	2.99	6	71.80	A
N-Grnhs Flower	0.21		2.30	A
N-Grnhs Transplants	0.02	1	0.20	A
N-Outdr Plants In Containers	0.15	2	1.60	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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 Transplants	10.84	9	233.64	A
Peach	146.65	78	1,671.62	A
Pepper, Fruiting	11.95	6	225.90	A
Pistachio	732.38	87	8,294.78	A
Raspberry	7.09	1	81.00	A
Structural Pest Control	< 0.01			
Sudangrass	5.02	3	146.00	A
Sweet Potato	5.51	2	56.00	A
Tomatillo	0.18	1	3.00	A
Tomato	268.48	94	5,428.94	A
Tomato, Processing	780.18	217	14,577.65	A
Turf/Sod	2.20	2	21.00	A
Walnut	326.65	94	3,961.30	A
Watermelon	10.19	5	222.27	A
Chemical Total	10,606.45	2,574		
CHLORFENAPYR				
N-Grnhs Plants In Containers	0.04		10.00	A
Regulatory Pest Control	0.07			
Structural Pest Control	53.02			
Chemical Total	53.13			
CHLORFLURENOL, METHYL ESTER				
Landscape Maintenance	0.99			
Chemical Total	0.99			
CHLORMEQUAT CHLORIDE				
N-Grnhs Transplants	12.11	4	11.35	A
Chemical Total	12.11	4		
CHLOROPHACINONE				
Alfalfa	0.03		714.23	A
Almond	0.05	19	2,287.00	A
Landscape Maintenance	< 0.01			
Pistachio	0.06	21	3,710.00	A
Regulatory Pest Control	0.04			
Rights Of Way	0.14			
Structural Pest Control	< 0.01			
Vertebrate Control	0.04			
Wheat (Forage - Fodder)	< 0.01	1	35.00	A
Chemical Total	0.36	41		
CHLOROPICRIN				
Almond	20,898.69	15	329.57	A
	269.28	1	272.00	U
Total Pounds On This Commodity	21,167.97			
Cherry	336.60	1	1.70	A
Grape, Wine	4,508.46	1	27.60	A
N-Outdr Plants In Containers	16,146.66	7	109.90	A
N-Outdr Transplants	81,593.69	47	631.90	A
Peach	34.65	1	28.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
		34.65	1	35.00 U
Total Pounds On This Commodity	69.30			
Walnut		286.11	3	289.00 U
		271.26	5	59.50 A
Total Pounds On This Commodity	557.37			
Chemical Total	124,380.05	82		
CHLOROTHALONIL				
Almond	68,218.94	421	23,200.23	A
Carrot	657.87	11	500.70	A
N-Grnhs Flower	25.75		2.30	A
		14.95	100,000.00	S
Total Pounds On This Commodity	40.70			
N-Grnhs Transplants	101.35	19	198.10	A
N-Outdr Transplants	2,167.55	68	1,994.15	A
Onion, Dry	539.62	6	516.60	A
Peach	191.82	3	64.00	A
Tomato	1,408.95	26	1,041.54	A
Tomato, Processing	25,089.79	227	13,904.46	A
Turf/Sod	27.75	3	37.00	A
Chemical Total	98,444.34	784		
CHLORPYRIFOS				
Alfalfa	2,467.95	112	4,904.67	A
Almond	12,603.85	87	6,741.88	A
Asparagus	483.56	7	492.00	A
Cotton	297.74	19	593.61	A
Grape, Wine	9,743.02	57	5,185.22	A
Pecan	9.39	1	10.00	A
Strawberry	1.50	1	1.50	A
Sweet Potato	3,253.77	74	1,635.05	A
Walnut	175.36	4	109.00	A
Wheat	68.56	5	271.60	A
Chemical Total	29,104.71	367		
CHLORSULFURON				
Landscape Maintenance	1.65			
Rangeland	43.73	1	253.00	A
Rights Of Way	41.18			
Water Area	8.17	1	67.00	A
Chemical Total	94.73	2		
CHOLECALCIFEROL				
Structural Pest Control	0.14			
Chemical Total	0.14			
CHROMOBACTERIUM SUBTSUGAE STRAIN PRAA4-1				
Almond	2,379.90	21	2,649.00	A
Chemical Total	2,379.90	21		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
CINNAMALDEHYDE				
N-Grnhs Plants In Containers	0.18	4	12,000.00	S
Chemical Total	0.18	4		
CITRIC ACID				
Alfalfa	384.89	374	19,661.98	A
Almond	4,025.55	1,491	85,819.21	A
Asparagus	0.53	3	40.00	A
Barley	0.11	2	40.00	A
Basil, Sweet	0.69	2	110.80	A
Bean, Dried	96.18	10	664.00	A
Bean, Succulent	51.02	6	294.00	A
Cantaloupe	40.10	10	729.44	A
Cherry	61.23	69	1,218.25	A
Chicory	0.25	1	47.00	A
Citrus	< 0.01	1	0.48	A
Corn (Forage - Fodder)	254.51	418	22,101.46	A
Corn, Human Consumption	11.53	19	876.05	A
Cotton	538.11	910	42,989.74	A
Cotton (Forage - Fodder)	37.00	1	157.00	A
Fig	1.36	9	397.00	A
Forage Hay/Silage	8.77	3	47.00	A
Garlic	2.32	3	243.70	A
Grape	1.76	11	242.00	A
Grape, Wine	382.02	71	3,240.27	A
Landscape Maintenance	4.16			
Lettuce, Head	4.87	6	173.50	A
N-Outdr Plants In Containers	1.18	4	42.00	A
Oat (Forage - Fodder)	28.13	34	2,497.50	A
Olive	0.32	3	24.03	A
Onion, Dry	1.15	2	130.60	A
Peach	57.53	44	492.97	A
Pecan	17.99	1	19.00	A
Pepper, Fruiting	1.56	4	112.50	A
Persimmon	0.06	1	13.00	A
Pistachio	284.42	215	13,565.84	A
Prune	20.53	14	1,300.26	A
Radicchio	15.16	17	1,337.95	A
Rights Of Way	131.54	43	2,648.67	A
	63.98			
Total Pounds On This Commodity	195.52			
Safflower	0.69	1	105.00	A
Tomato	21.87	15	835.38	A
Tomato, Processing	66.32	114	7,799.97	A
Uncultivated Ag	10.90	10	719.60	A
Walnut	235.61	133	4,203.11	A
Watermelon	1.88	6	241.60	A
Wheat	17.25	30	1,344.12	A
Wheat (Forage - Fodder)	31.77	101	5,482.82	A
Chemical Total	6,916.82	4,212		
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL				
Broccoli	343.89	1	90.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cantaloupe	325.63	6	195.71	A
Garlic	99.35	1	52.00	A
Melon	195.18	10	123.11	A
N-Outdr Transplants	13.65	1	0.25	A
Squash	91.71	1	80.00	A
Watermelon	175.39	6	110.13	A
Chemical Total	1,244.79	26		
CLETHODIM				
Alfalfa	5,656.59	410	23,757.30	A
Almond	480.73	125	3,772.13	A
Basil, Sweet	18.84	2	143.70	A
Bean, Dried	57.93	6	230.00	A
Broccoli	36.19	3	275.80	A
Cabbage	5.29	1	40.00	A
Cantaloupe	36.47	6	327.00	A
Carrot	17.64	3	135.00	A
Cherry	14.18	3	108.00	A
Cilantro	6.57	2	56.00	A
Corn (Forage - Fodder)	61.04	13	505.00	A
Corn, Human Consumption	25.92	4	129.00	A
Cotton	1,381.78	216	8,156.47	A
Dill	1.64	1	14.00	A
Garlic	10.57	1	80.00	A
Melon	1.34	3	15.50	A
Olive	1.10	2	11.12	A
Onion, Dry	37.76	3	176.60	A
Pepper, Fruiting	7.23	2	42.90	A
Pistachio	35.10	8	265.17	A
Prune	11.18	1	84.00	A
Pumpkin	1.12	1	8.50	A
Radicchio	72.44	5	552.20	A
Rights Of Way	70.37	13	358.50	A
	6.34			
Total Pounds On This Commodity	76.71			
Sweet Potato	184.35	21	727.00	A
Tomatillo	0.37	1	3.00	A
Tomato	38.96	9	263.83	A
Tomato, Processing	164.56	20	1,127.23	A
Uncultivated Ag	10.57	1	50.00	A
Vertebrate Control	15.75			
Walnut	3.56	3	47.77	A
Chemical Total	8,473.47	889		
CLOFENTEZINE				
Almond	2,229.47	137	12,489.44	A
Cherry	208.71	29	799.00	A
Grape, Wine	159.92	14	1,006.16	A
Peach	37.95	10	170.21	A
Walnut	90.75	15	700.00	A
Chemical Total	2,726.81	205		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
CLOMAZONE				
Rice	222.16	7	390.10	A
Chemical Total	222.16	7		
CLOPYRALID, MONOETHANOLAMINE SALT				
Landscape Maintenance	1.10			
N-Grnhs Flower	0.37		2.30	A
	0.02		33,000.00	S
Total Pounds On This Commodity	0.39			
Rights Of Way	25.85			
Chemical Total	27.34			
CLOTHIANIDIN				
Almond	68.10	12	682.40	A
Cotton	797.33	235	9,950.22	A
Grape, Wine	20.76	1	104.00	A
Landscape Maintenance	< 0.01			
N-Grnhs Transplants	2.69	3	40.00	A
Structural Pest Control	6.08			
Sweet Potato	135.13	30	1,056.60	A
Chemical Total	1,030.10	281		
COCONUT DIETHANOLAMIDE				
Alfalfa	10.06	53	1,877.70	A
Almond	1,026.13	76	3,703.31	A
Bean, Dried	3.37	16	749.50	A
Broccoli	0.16	1	50.00	A
Cantaloupe	4.22	14	1,242.20	A
Corn (Forage - Fodder)	0.32	6	118.50	A
Cotton	28.17	185	6,271.88	A
Melon	0.25	8	86.70	A
Pistachio	19.04	2	35.00	A
Structural Pest Control	0.26			
Sudangrass	0.60	9	477.00	A
Tomato, Processing	16.41	31	2,311.10	A
Walnut	97.47	7	330.00	A
Chemical Total	1,206.47	408		
COCONUT IMIDAZOLINE SODIUM CARBOXYLATE				
Almond	6.42	9	841.20	A
Asparagus	0.49	4	365.00	A
Bean, Dried	0.99	3	147.00	A
Cotton	0.78	15	577.95	A
Pistachio	19.47	26	2,899.66	A
Tomato, Processing	19.72	90	6,622.34	A
Chemical Total	47.87	147		
COPPER				
N-Grnhs Transplants	1.56	1	25.20	A
Chemical Total	1.56	1		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
COPPER ETHANOLAMINE COMPLEXES, MIXED				
Rights Of Way	226.56	5	500.00	A
	82.89			
Total Pounds On This Commodity	309.45			
Water Area	1,758.31		62.00	A
	1,123.47		814.50	C
Total Pounds On This Commodity	2,881.78			
Chemical Total	3,191.23	5		
COPPER ETHYLENEDIAMINE COMPLEX				
Rights Of Way	8.05			
Water Area	1,242.60		47.00	A
Chemical Total	1,250.65			
COPPER HYDROXIDE				
Almond	59,980.75	482	23,464.28	A
Apple	10.37	1	7.50	A
Apricot	1,815.04	8	317.42	A
Broccoli	48.42	1	90.00	A
Grape, Wine	5,439.75	58	8,425.05	A
N-Grnhs Transplants	57.56	15	36.73	A
N-Outdr Plants In Containers	530.15	6	230.00	A
N-Outdr Transplants	39.54	2	25.75	A
Onion, Dry	89.18	4	152.00	A
Peach	10,458.97	136	2,671.54	A
Pepper, Fruiting	17.08	3	24.70	A
Plum	4.62	1	0.50	A
Rights Of Way	55.89			
Tomato	437.65	23	608.41	A
Tomato, Processing	70.21	4	260.10	A
Vegetable	0.46	1	2.00	A
Walnut	11,454.46	81	3,406.00	A
Chemical Total	90,510.10	826		
COPPER OCTANOATE				
Almond	883.03	8	1,059.00	A
N-Outdr Transplants	45.86	4	110.00	A
Vegetable	3.75	3	6.00	A
Chemical Total	932.64	15		
COPPER OXIDE (OUS)				
Almond	31,540.10	222	8,092.72	A
Apricot	268.48	1	80.00	A
Grape, Wine	18.88	1	18.00	A
N-Grnhs Transplants	258.73	12	180.40	A
Olive	426.61	3	73.10	A
Peach	4,394.35	38	736.00	A
Pistachio	839.00	5	200.00	A
Prune	90.61	1	27.00	A
Stone Fruit	50.68	2	8.00	A
Tomato	204.72	4	122.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	125.85	2	30.00	A
Chemical Total	38,218.01	291		
COPPER OXYCHLORIDE				
Almond	1,037.73	24	871.30	A
Grape, Wine	282.17	13	1,018.87	A
Onion, Dry	97.60	4	152.00	A
Tomato, Processing	11.96	1	134.00	A
Walnut	61.89	3	62.00	A
Chemical Total	1,491.36	45		
COPPER SULFATE (BASIC)				
Almond	35,705.33	142	7,996.96	A
Cherry	1,454.71	10	341.00	A
Grape, Wine	82.48	1	116.00	A
N-Outdr Transplants	813.75	25	438.50	A
Peach	13,363.55	110	1,922.51	A
Pepper, Fruiting	101.90	4	99.10	A
Prune	931.41	4	262.00	A
Strawberry	55.47	1	21.00	A
Tomato, Processing	176.95	6	182.47	A
Walnut	2,235.38	12	524.00	A
Chemical Total	54,920.93	315		
COPPER SULFATE (PENTAHYDRATE)				
Almond	794.42	10	305.00	A
Ditch Bank	429.18		2.00	U
N-Grnhs Transplants	4.97	5	20.60	A
Olive	4,009.50	3	165.00	A
Rice	5,583.60	7	376.00	A
Walnut	240.75	10	452.90	A
Water Area	2,191.86		1,135.00	C
	2,120.60		3,281.57	U
Total Pounds On This Commodity	4,312.46			
Chemical Total	15,374.88	35		
COPPER TRIETHANOLAMINE COMPLEX				
Rights Of Way	9.09			
Water Area	1,402.63		47.00	A
Chemical Total	1,411.71			
CORN PRODUCT, HYDROLYZED				
Walnut	1,248.36	28	909.00	A
Chemical Total	1,248.36	28		
CORN STEEP LIQUOR				
Almond	72.52	2	20.00	A
Walnut	7,828.98	65	2,365.61	A
Chemical Total	7,901.50	67		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
CORN SYRUP				
Alfalfa	792.21	54	2,928.10	A
Almond	1,318.89	69	3,410.91	A
Cantaloupe	16.16	1	52.00	A
Corn (Forage - Fodder)	850.89	58	3,002.20	A
Cotton	27.41	6	170.80	A
Ditch Bank	9.32		30.00	A
Oat (Forage - Fodder)	19.89	2	80.00	A
Peach	38.65	7	109.79	A
Rights Of Way	76.15	74	151.00	A
	38.46			
Total Pounds On This Commodity	114.61			
Sudangrass	292.16	1	47.00	A
Uncultivated Ag	37.92	3	122.00	A
Walnut	11.50	2	28.00	A
Wheat (Forage - Fodder)	114.71	14	674.20	A
Chemical Total	3,644.35	291		
COTTONSEED OIL				
Corn, Human Consumption	30.94	1	29.00	A
Cotton	463.52	5	260.00	A
Chemical Total	494.45	6		
CYANTRANILIPROLE				
Almond	507.90	82	4,689.69	A
Cantaloupe	17.42	5	198.60	A
Citrus	1.07	1	11.00	A
Lettuce, Head	12.36	3	156.50	A
N-Grnhs Transplants	16.22	17	81.50	A
Onion, Dry	3.34	1	38.00	A
Pepper, Fruiting	33.78	13	413.00	A
Tomato	76.39	17	713.29	A
Tomato, Processing	13.71	3	189.00	A
Walnut	16.22	7	154.00	A
Watermelon	9.69	2	110.30	A
Chemical Total	708.09	151		
CYAZOFAMID				
Basil, Sweet	11.23	2	143.70	A
Carrot	106.62	15	684.70	A
Chemical Total	117.86	17		
CYCLANILIDE				
Cotton	1,308.75	471	21,030.20	A
Tomato, Processing	0.09	1	1.00	A
Chemical Total	1,308.84	472		
CYFLUFENAMID				
Cantaloupe	4.69	5	203.60	A
Grape	0.09	2	4.00	A
Grape, Wine	175.42	83	7,615.63	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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 Transplants	0.97	15	48.78	A
Pepper, Fruiting	0.92	1	40.00	A
Tomato	2.29	4	103.70	A
Watermelon	1.75	3	76.50	A
Chemical Total	186.14	113		
CYFLUMETOFEN				
Almond	871.44	84	4,807.38	A
N-Outdr Transplants	26.45	11	146.63	A
Walnut	76.17	12	416.50	A
Chemical Total	974.07	107		
CYFLUTHRIN				
Alfalfa	22.47	7	496.00	A
Almond	3.57	3	35.50	A
Apricot	3.63	1	80.00	A
Bean, Dried	4.50	3	89.00	A
Citrus	1.14	1	11.00	A
Cotton	446.45	22	1,272.02	A
Pistachio	1.24	1	33.00	A
Regulatory Pest Control	0.53			
Structural Pest Control	20.97			
Chemical Total	504.51	38		
BETA-CYFLUTHRIN				
Alfalfa	103.40	74	4,481.41	A
Almond	2.87	4	125.00	A
Animal Premise	118.97		120.00	U
Bean, Dried	10.33	9	432.00	A
Cotton	159.32	122	6,290.70	A
Food Processing Plant	0.05		3.00	U
Grape, Wine	1.86	4	54.50	A
N-Outdr Plants In Containers	1.93	3	115.00	A
Peach	26.43	68	1,252.67	A
Pistachio	8.06	6	387.00	A
Rights Of Way	0.07			
Structural Pest Control	38.58			
Tomato	138.23	84	4,537.26	A
Tomato, Processing	38.35	28	1,614.86	A
Walnut	11.69	13	528.96	A
Chemical Total	660.14	415		
CYMOXANIL				
Tomato	18.90	3	159.44	A
Tomato, Processing	2.75	1	22.00	A
Chemical Total	21.65	4		
CYPERMETHRIN				
Structural Pest Control	660.59			
Chemical Total	660.59			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
(S)-CYPERMETHRIN				
Alfalfa	6.23	5	180.00	A
Almond	279.26	111	8,673.22	A
Cantaloupe	25.69	7	601.00	A
Carrot	2.69	1	58.20	A
Cherry	6.80	5	137.00	A
Chicory	8.44	3	170.00	A
Cotton	48.05	28	1,061.03	A
Garlic	3.33	1	67.00	A
Onion, Dry	15.95	6	337.20	A
Parsley	41.46	8	896.48	A
Pepper, Fruiting	3.85	4	134.50	A
Pistachio	232.26	51	6,049.50	A
Radicchio	158.74	33	3,199.10	A
Tomato	103.48	68	3,136.17	A
Tomato, Processing	39.72	9	812.00	A
Vegetables, Leafy	5.42	2	109.00	A
Walnut	14.24	11	628.00	A
Chemical Total	995.61	353		
CYPRODINIL				
Almond	4,972.10	322	21,049.90	A
Apricot	16.16	2	69.00	A
Dill	4.59	1	14.00	A
Endive (Escarole)	40.35	5	123.00	A
Grape	3.72	3	17.00	A
Grape, Wine	2,696.04	62	5,972.04	A
N-Outdr Plants In Containers	6.14	3	21.60	A
N-Outdr Transplants	183.38	34	566.38	A
Onion, Dry	61.22	2	130.60	A
Peach	311.26	33	902.42	A
Pistachio	491.05	13	1,743.00	A
Raspberry	32.65	3	99.50	A
Tomato	27.42	3	323.84	A
Chemical Total	8,846.09	486		
CYROMAZINE				
Pepper, Fruiting	18.56	4	159.70	A
Chemical Total	18.56	4		
2,4-D				
Almond	498.46	34	574.26	A
Oat (Forage - Fodder)	8.68	1	62.70	A
Pistachio	968.64	13	880.75	A
Triticale	15.45	3	89.00	A
Wheat	68.92	7	397.10	A
Wheat (Forage - Fodder)	212.74	17	981.00	A
Chemical Total	1,772.89	75		
2,4-D, DIETHANOLAMINE SALT				
Almond	46.86	8	125.13	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	8.10	2	40.00	A
Chemical Total	54.96	10		
2,4-D, DIMETHYLAMINE SALT				
Almond	12,284.72	384	10,758.09	A
Barley	28.51	2	50.00	A
Forage Hay/Silage	207.41	3	365.60	A
Grape, Wine	308.52	9	200.12	A
Landscape Maintenance	17.54			
N-Grnhs Flower	0.44		33,000.00	S
Nectarine	14.57	2	8.50	A
Oat (Forage - Fodder)	253.35	12	600.30	A
Pastureland	41.85	3	23.00	A
Peach	312.01	31	232.64	A
Pistachio	88.12	4	70.25	A
Plum	5.14	1	3.00	A
Prune	278.97	7	502.00	A
Rangeland	85.92	4	135.00	A
Rights Of Way	71.52			
	31.65	3	17.67	A
Total Pounds On This Commodity	103.17			
Uncultivated Ag	75.20	4	129.00	A
Walnut	370.01	14	357.67	A
Wheat	1,813.25	25	2,143.70	A
Wheat (Forage - Fodder)	1,184.26	34	1,451.50	A
Chemical Total	17,472.96	542		
2,4-D, 2-ETHYLHEXYL ESTER				
Landscape Maintenance	86.11			
N-Grnhs Flower	3.16		2.30	A
	0.64		52,000.00	S
Total Pounds On This Commodity	3.80			
Rights Of Way	8.33			
Chemical Total	98.24			
2,4-D, ISOOCTYL ESTER				
N-Outdr Transplants	0.09	1	47.00	A
Chemical Total	0.09	1		
4-(2,4-DB), DIMETHYLAMINE SALT				
Alfalfa	2,921.31	74	3,594.39	A
Chemical Total	2,921.31	74		
DDVP				
Dried Fruit	9.52		6.00	A
Food Processing Plant	3.48		6.00	U
Fumigation, Other	45.57			
Industrial Site	6.73		650,188.00	C
	0.73		1.00	U
Total Pounds On This Commodity	7.45			
Landscape Maintenance	22.31			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.68			
Rights Of Way	22.81			
Structural Pest Control	76.71			
Chemical Total	188.53			
DDVP, OTHER RELATED				
Dried Fruit	0.24		6.00	A
Food Processing Plant	0.26		6.00	U
Fumigation, Other	3.43			
Industrial Site	0.17		650,188.00	C
			1.00	U
Total Pounds On This Commodity	0.19			
Landscape Maintenance	1.68			
Regulatory Pest Control	0.01			
Rights Of Way	1.72			
Structural Pest Control	2.04			
Chemical Total	9.58			
DECYL PHENOXY BENZENE DISULFONIC ACID, DISODIUM SALT				
Alfalfa	2.23	8	422.56	A
Almond	0.81	5	103.09	A
Chemical Total	3.04	13		
DELTAMETHRIN				
Public Health	4.90			
Structural Pest Control	79.72			
Chemical Total	84.63			
DIATOMACEOUS EARTH				
Grape, Wine	1,394.00	1	82.00	A
Structural Pest Control	1.54			
Chemical Total	1,395.54	1		
DIAZINON				
Tomato, Processing	638.98	4	322.00	A
Watermelon	577.66	6	291.10	A
Chemical Total	1,216.64	10		
DICAMBA				
Landscape Maintenance	5.22			
N-Grnhs Flower	0.19		2.30	A
	0.04		52,000.00	S
Total Pounds On This Commodity	0.23			
Rights Of Way	0.50			
Chemical Total	5.95			
DICAMBA, DIMETHYLAMINE SALT				
Corn (Forage - Fodder)	233.07	17	864.00	A
N-Grnhs Flower	0.11		33,000.00	S
Oat (Forage - Fodder)	104.39	18	695.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.23			
Rye	9.82	1	67.00	A
Wheat	9.04	4	60.00	A
Wheat (Forage - Fodder)	268.28	31	1,896.00	A
Chemical Total	624.94	71		
DICAMBA, SODIUM SALT				
Corn (Forage - Fodder)	283.66	42	1,344.40	A
Chemical Total	283.66	42		
DICHOLOBENIL				
Rights Of Way	11.20			
Chemical Total	11.20			
1,3-DICHLOROPROPENE				
Almond	264,697.50	43	834.55	A
Cantaloupe	13,688.64	3	245.00	A
Grape	980.94	1	3.00	A
N-Outdr Plants In Containers	7,468.56	1	22.50	A
N-Outdr Transplants	5,245.27	4	47.50	A
Peach	6,542.11	4	20.00	A
Sweet Potato	738,606.97	313	7,316.90	A
Walnut	7,501.75	2	22.60	A
Chemical Total	1,044,731.74	371		
DIDECYL DIMETHYL AMMONIUM CHLORIDE				
Animal Premise	36.36		73.00	U
Structural Pest Control	0.01			
Chemical Total	36.37			
DIETHANOLAMINE				
Rice	2.74	1	285.00	A
Chemical Total	2.74	1		
DIETHYLENE GLYCOL				
Alfalfa	559.16	346	23,015.26	A
Almond	3,022.38	356	18,674.91	A
Apricot	15.00	4	320.00	A
Asparagus	3.19	1	68.00	A
Bean, Dried	131.69	6	245.00	A
Broccoli	2.11	1	90.00	A
Cantaloupe	16.42	10	542.40	A
Cherry	6.31	13	111.00	A
Corn (Forage - Fodder)	509.31	126	8,011.47	A
Cotton	2,603.59	693	29,363.04	A
Cotton (Forage - Fodder)	36.80	1	157.00	A
Grape, Wine	4.61	21	842.40	A
Landscape Maintenance	6.55			
N-Outdr Plants In Containers	55.73	2	38.50	A
Oat	1.90	1	65.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Oat (Forage - Fodder)	491.10	49	3,596.25	A
Pastureland	0.70	1	30.00	A
Peach	31.01	6	156.78	A
Pistachio	68.74	26	1,070.74	A
Rangeland	0.47	1	10.00	A
Rights Of Way	270.60			
	57.90	2	200.00	A
Total Pounds On This Commodity	328.50			
Sudangrass	1.72	1	43.00	A
Tomato	139.73	43	2,137.93	A
Tomato, Processing	317.49	148	9,573.17	A
Walnut	77.88	19	389.58	A
Watermelon	1.85	2	52.40	A
Wheat	241.48	32	2,591.80	A
Wheat (Forage - Fodder)	96.97	90	5,433.00	A
Chemical Total	8,772.37	2,001		
DIFENOCONAZOLE				
Almond	2,612.90	462	26,676.21	A
Apricot	8.29	2	72.50	A
Broccoli	31.06	5	296.00	A
Garlic	46.81	6	450.80	A
Grape	6.07	7	61.00	A
Grape, Wine	74.71	18	869.14	A
N-Grnhs Flower	1.05		4.30	A
Peach	27.05	20	259.00	A
Pepper, Fruiting	37.96	11	444.60	A
Pistachio	4.86	2	42.50	A
Tomato	121.09	48	1,894.72	A
Tomato, Processing	629.83	154	9,650.62	A
Walnut	65.29	13	641.50	A
Chemical Total	3,666.96	748		
DIFETHIALONE				
Food Proccessing Plant	< 0.01		1.00	U
Industrial Site	< 0.01		1.00	U
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.03			
Vertebrate Control	0.02			
Chemical Total	0.05			
DIFLUBENZURON				
Almond	675.54	84	4,272.85	A
Peach	25.81	6	132.00	A
Structural Pest Control	< 0.01			
Chemical Total	701.36	90		
DIGLYCOLAMINE SALT OF 3,6-DICHLORO-O-ANISIC ACID				
Barley	20.97	4	111.00	A
Corn (Forage - Fodder)	623.16	48	1,807.98	A
Corn, Human Consumption	13.23	1	35.00	A
Forage Hay/Silage	23.73	6	122.75	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Oat (Forage - Fodder)	1,454.06	159	7,763.83	A
Rights Of Way	302.54			
Wheat	54.79	11	289.40	A
Wheat (Forage - Fodder)	1,324.85	94	4,220.90	A
Chemical Total	3,817.33	323		
DIKEGULAC SODIUM				
Landscape Maintenance	10.43			
Chemical Total	10.43			
DIMETHOATE				
Alfalfa	4,559.53	211	10,414.88	A
Bean, Dried	837.72	42	2,189.00	A
Bean, Succulent	145.15	6	294.00	A
Broccoli	13.96	2	100.00	A
Corn (Forage - Fodder)	1.17	1	20.00	A
Cotton	103.19	6	301.70	A
Pecan	6.08	1	19.00	A
Pepper, Fruiting	116.82	13	447.70	A
Tomato	282.61	21	622.40	A
Tomato, Processing	304.52	33	1,011.74	A
Wheat	100.69	5	271.60	A
Chemical Total	6,471.44	341		
DIMETHOMORPH				
Onion, Dry	1.29		3.90	A
Tomato	43.97	6	224.00	A
Chemical Total	45.25	6		
DIMETHYL ALKYL TERTIARY AMINES				
Alfalfa	4.34	17	1,043.56	A
Almond	146.29	380	23,801.35	A
Corn (Forage - Fodder)	5.27	21	1,072.07	A
Cotton	28.10	99	6,599.32	A
Forage Hay/Silage	3.53	15	865.60	A
Grape, Wine	2.44	7	391.74	A
Lettuce, Head	1.94	9	330.00	A
Oat (Forage - Fodder)	1.32	3	213.00	A
Peach	0.03	1	4.25	A
Pistachio	7.28	14	1,171.00	A
Rice	0.12	1	20.00	A
Rights Of Way	6.91	7	700.00	A
	0.04			
Total Pounds On This Commodity	6.96			
Tomato	2.18	21	1,399.70	A
Tomato, Processing	2.88	11	968.60	A
Triticale	0.44	2	151.00	A
Walnut	3.97	19	639.50	A
Wheat (Forage - Fodder)	2.62	13	502.00	A
Chemical Total	219.69	640		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
DIMETHYLPOLYSILOXANE				
Alfalfa	12.47	540	33,388.62	A
Almond	2,277.36	2,296	106,591.81	A
Apricot	19.06	13	634.75	A
Asparagus	0.96	3	204.00	A
Barley	0.06	2	61.00	A
Basil, Sweet	2.77	9	179.10	A
Bean, Dried	1.07	11	515.00	A
Broccoli	0.05	1	90.00	A
Cantaloupe	0.32	12	705.40	A
Cherry	0.56	27	325.49	A
Cilantro	0.07	2	10.00	A
Citrus	3.65	1	11.00	A
Corn (Forage - Fodder)	78.42	337	17,904.35	A
Corn, Human Consumption	1.17	14	480.00	A
Cotton	36.60	1,004	48,343.34	A
Cotton (Forage - Fodder)	0.82	1	157.00	A
Fig	1.94	1	90.00	A
Forage Hay/Silage	0.12	19	675.75	A
Garlic	9.86	5	216.00	A
Grape	0.02	5	20.17	A
Grape, Wine	267.83	60	2,728.28	A
Landscape Maintenance	1.29			
	0.02	4	28.00	A
Total Pounds On This Commodity	1.30			
N-Outdr Plants In Containers	16.09	6	123.50	A
N-Outdr Transplants	267.04	35	474.44	A
Nectarine	< 0.01	2	8.50	A
Oat	0.04	1	65.00	A
Oat (Forage - Fodder)	120.78	124	6,753.25	A
Onion, Dry	0.13	1	0.50	A
Pastureland	0.02	1	30.00	A
Peach	217.95	286	5,531.04	A
Pepper, Fruiting	1.24	3	89.60	A
Pistachio	126.39	147	9,689.06	A
Plum	< 0.01	2	3.50	A
Rangeland	0.01	1	10.00	A
Rights Of Way	6.56			
	1.98	17	1,105.00	A
Total Pounds On This Commodity	8.54			
Sorghum/Milo	0.05	1	50.00	A
Structural Pest Control	< 0.01			
Sudangrass	0.19	11	297.00	A
Sweet Potato	6,134.81	89	2,354.03	A
Tomato	76.10	151	7,702.21	A
Tomato, Processing	35.41	247	16,519.91	A
Uncultivated Ag	0.01	2	20.90	A
Uncultivated Non-Ag	< 0.01	1	9.00	A
Walnut	143.87	108	2,967.46	A
Water Area	0.10	2	117.00	A
Watermelon	0.04	2	52.40	A
Wheat	1.70	62	4,916.50	A
Wheat (Forage - Fodder)	3.10	157	8,688.37	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	9,870.12	5,826		
DIMETHYL SILICONE FLUID EMULSION				
Grape, Wine	3.58	16	618.17	A
N-Outdr Transplants	3.22	6	346.00	A
Chemical Total	6.80	22		
DINOTEFURAN				
Animal Premise	4.15		32.00	U
Cantaloupe	12.25	1	70.00	A
Landscape Maintenance	0.26			
Regulatory Pest Control	0.66			
Structural Pest Control	353.07			
Chemical Total	370.39	1		
DIPHACINONE				
Almond	< 0.01	2	18.00	A
Cherry	< 0.01	4	55.00	A
Landscape Maintenance	0.10			
Rights Of Way	0.08			
Structural Pest Control	0.07			
Vertebrate Control	0.34			
Chemical Total	0.59	6		
DIPHACINONE, SODIUM SALT				
Structural Pest Control	0.30			
Vertebrate Control	< 0.01			
Chemical Total	0.30			
DIQUAT DIBROMIDE				
Almond	9.32	1	10.00	A
Landscape Maintenance	41.65			
Rights Of Way	197.64			
Structural Pest Control	0.02			
Water Area	41.95	1	60.00	A
Chemical Total	290.59	2		
DISODIUM OCTABORATE TETRAHYDRATE				
Structural Pest Control	670.94			
Chemical Total	670.94			
DITHIOPYR				
Landscape Maintenance	1,973.55			
N-Grnhs Flower	9.68		28.30	A
Rights Of Way	1,968.33			
Chemical Total	3,951.56			
DIURON				
Alfalfa	14,205.70	196	10,989.97	A
Cotton	1,286.73	1,313	60,204.83	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	1,127.68	9	364.00	A
	442.60			
Total Pounds On This Commodity	1,570.28			
Structural Pest Control	4.92			
Tomato, Processing	0.04	1	1.00	A
Uncultivated Non-Ag	2.40		17.00	A
Walnut	1,007.44	16	427.50	A
Chemical Total	18,077.52	1,535		
Z-8-DODECENOL				
Peach	0.49	121	2,166.22	A
Chemical Total	0.49	121		
E-8-DODECENYL ACETATE				
Peach	2.65	121	2,166.22	A
Chemical Total	2.65	121		
Z-8-DODECENYL ACETATE				
Peach	39.44	121	2,166.22	A
Chemical Total	39.44	121		
DODECYLBENZENE SULFONIC ACID				
Alfalfa	43.59	53	1,877.70	A
Almond	41.07	45	866.31	A
Bean, Dried	14.61	16	749.50	A
Broccoli	0.71	1	50.00	A
Cantaloupe	18.27	14	1,242.20	A
Corn (Forage - Fodder)	1.39	6	118.50	A
Cotton	122.07	185	6,271.88	A
Melon	1.08	8	86.70	A
Structural Pest Control	1.14			
Sudangrass	2.62	9	477.00	A
Tomato, Processing	71.11	31	2,311.10	A
Walnut	1.42	1	20.00	A
Chemical Total	319.09	369		
DODECYLBENZENE SULFONIC ACID, CALCIUM SALT				
Alfalfa	9.03	65	3,632.50	A
Almond	54.32	137	9,854.01	A
Bean, Dried	0.25	3	137.50	A
Corn (Forage - Fodder)	16.68	124	6,332.70	A
Cotton	0.51	5	292.00	A
Dill	0.07	1	14.00	A
Ditch Bank	0.16	1	60.00	A
Forage Hay/Silage	0.03	1	15.00	A
Grape, Wine	0.10	2	50.00	A
N-Outdr Transplants	27.40	155	5,975.20	A
Oat (Forage - Fodder)	3.06	28	1,414.62	A
Olive	0.53	2	90.00	A
Peach	0.86	12	212.12	A
Rights Of Way	0.25			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.42	0.17	3	80.00 A
Sudangrass		0.45	3	216.00 A
Uncultivated Ag		0.33	3	122.00 A
Walnut		0.19	3	48.00 A
Wheat		0.10	3	50.00 A
Wheat (Forage - Fodder)		4.60	41	1,877.55 A
Chemical Total		119.08	592	
ALPHA-(PARA-DODECYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond		202.37	201	13,797.39 A
Cherry		0.89	6	200.00 A
Peach		9.56	33	630.42 A
Pecan		0.01	1	1.50 A
Squash		1.07	1	80.00 A
Walnut		4.02	12	533.00 A
Chemical Total		217.93	254	
2,4-DP-P, DIMETHYLAMINE SALT				
Landscape Maintenance		8.71		
Chemical Total		8.71		
EDTA				
Almond		12.00	27	1,337.20 A
Walnut		0.22	1	11.50 A
Chemical Total		12.23	28	
EDTA, TETRASODIUM SALT				
Alfalfa		2.68	53	1,877.70 A
Almond		2.53	45	866.31 A
Bean, Dried		0.90	16	749.50 A
Broccoli		0.04	1	50.00 A
Cantaloupe		1.12	14	1,242.20 A
Corn (Forage - Fodder)		0.09	6	118.50 A
Cotton		7.51	185	6,271.88 A
Melon		0.07	8	86.70 A
Structural Pest Control		0.07		
Sudangrass		0.16	9	477.00 A
Tomato, Processing		4.38	31	2,311.10 A
Walnut		0.09	1	20.00 A
Chemical Total		19.64	369	
EMAMECTIN BENZOATE				
Almond		115.29	58	8,237.35 A
Landscape Maintenance		0.43		
Radicchio		4.92	4	492.10 A
Tomato		2.37	8	244.10 A
Chemical Total		123.01	70	
EMULSIFIABLE METHYLATED VEGETABLE OIL				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Alfalfa	396.23	10	365.75	A
Almond	11,128.71	570	17,278.45	A
Corn (Forage - Fodder)	3,983.75	208	8,440.14	A
Grape, Wine	26.45	2	36.00	A
N-Outdr Transplants	127.25	2	36.00	A
Oat (Forage - Fodder)	17.19	2	112.00	A
Peach	450.71	81	1,074.61	A
Pistachio	52.96	5	63.99	A
Rights Of Way	228.54	5	190.00	A
Tomato	125.91	12	366.00	A
Walnut	177.29	22	223.71	A
Wheat (Forage - Fodder)	390.07	7	279.00	A
Chemical Total	17,105.08	926		
ENDOTHALL, DIPOTASSIUM SALT				
Landscape Maintenance	6,937.99			
Rights Of Way	1,370.68			
Water Area	5,059.65		750.00	C
	331.03		10.00	A
Total Pounds On This Commodity	5,390.69			
Chemical Total	13,699.35			
ENDOTHALL, MONO [N,N-DIMETHYL ALKYLAMINE] SALT				
Rights Of Way	326.96			
Water Area	2,625.52		925.00	C
	1,775.51		65.00	A
Total Pounds On This Commodity	4,401.03			
Chemical Total	4,727.99			
EPTC				
Almond	381.96	6	177.00	A
Uncultivated Ag	278.80	2	128.00	A
Chemical Total	660.76	8		
ESFENVALERATE				
Almond	1,260.13	321	20,958.80	A
Apricot	10.14	5	204.00	A
Cotton	4.91	3	98.50	A
Landscape Maintenance	2.18			
N-Outdr Plants In Containers	18.26	14	476.00	A
Peach	175.28	180	3,151.52	A
Pepper, Fruiting	14.42	15	329.75	A
Pistachio	2.93	2	35.00	A
Plum	0.03	1	0.50	A
Prune	64.80	13	1,195.00	A
Rights Of Way	0.54			
Stone Fruit	0.15	1	3.00	A
Structural Pest Control	11.16			
Tomato	64.89	46	1,495.27	A
Tomato, Processing	51.85	30	1,161.00	A
Walnut	27.72	14	550.70	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	1,709.40	645		
ETHEPHON				
Cotton	60,631.88	1,347	61,874.06	A
Tomato, Processing	1,824.27	54	3,005.10	A
Walnut	2,130.29	49	2,487.60	A
Chemical Total	64,586.45	1,450		
ETOFENPROX				
Public Health	512.76			
Structural Pest Control	2.53			
Chemical Total	515.29			
ETHOFUMESATE				
Onion, Dry	609.25	11	633.30	A
Chemical Total	609.25	11		
ETHOPROP				
Sweet Potato	2,758.26	29	732.90	A
Chemical Total	2,758.26	29		
ETHYL ALCOHOL				
Household	21.39		18.00	U
Chemical Total	21.39			
ETHYLENE GLYCOL				
Almond	161.98	27	781.47	A
Oat (Forage - Fodder)	44.31	11	732.70	A
Pistachio	0.29	1	8.50	A
Walnut	99.47	5	115.91	A
Wheat (Forage - Fodder)	48.37	4	71.41	A
Chemical Total	354.42	48		
2-ETHYLHEXYL SULFATE, SODIUM SALT				
Parsley	2.52	6	672.36	A
Chemical Total	2.52	6		
ETOXAZOLE				
Almond	5,226.29	734	44,001.26	A
Cherry	11.25	2	50.00	A
Corn (Forage - Fodder)	3,521.20	621	32,197.47	A
Corn, Human Consumption	272.93	51	2,653.59	A
Cotton	101.26	62	2,181.25	A
Grape, Wine	317.88	24	2,354.71	A
N-Outdr Plants In Containers	17.24	6	139.80	A
N-Outdr Transplants	44.44	18	327.71	A
Peach	34.90	17	264.57	A
Pepper, Fruiting	1.80	1	20.00	A
Pistachio	4.86	2	35.00	A
Prune	3.38	1	84.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	185.58	29	1,453.50	A
Chemical Total	9,742.99	1,568		
FAMOXADONE				
Tomato	18.90	3	159.44	A
Tomato, Processing	2.75	1	22.00	A
Chemical Total	21.65	4		
FATTY ACIDS, METHYL ESTERS				
Alfalfa	813.10	18	777.90	A
Almond	3,463.85	122	3,340.52	A
Corn (Forage - Fodder)	742.25	12	612.00	A
Grape, Wine	484.73	7	632.00	A
Peach	32.89	3	27.67	A
Pistachio	274.20	3	145.33	A
Rights Of Way	90.11	9	115.00	A
Tomato, Processing	2,404.14	98	5,491.72	A
Uncultivated Ag	24.65	1	18.00	A
Walnut	244.18	9	369.54	A
Chemical Total	8,574.11	282		
FATTY ACIDS, MIXED				
Alfalfa	488.63	368	23,249.42	A
Almond	3,032.70	535	26,140.91	A
Apricot	26.71	4	320.00	A
Asparagus	5.79	2	136.00	A
Bean, Dried	4.17	15	785.00	A
Broccoli	3.76	1	90.00	A
Cantaloupe	23.73	17	863.30	A
Cherry	11.37	16	142.00	A
Citrus	0.36	1	11.00	A
Corn (Forage - Fodder)	825.97	121	7,648.47	A
Cotton	1,478.09	833	33,995.68	A
Cotton (Forage - Fodder)	65.53	1	157.00	A
Garlic	0.22	1	135.00	A
Grape, Wine	8.08	9	571.10	A
Melon	0.17	2	53.00	A
Oat	3.39	1	65.00	A
Oat (Forage - Fodder)	557.13	31	2,334.25	A
Onion, Dry	0.50	1	155.00	A
Pastureland	1.25	1	30.00	A
Peach	60.16	15	531.88	A
Pistachio	123.50	28	1,380.32	A
Pomegranate	0.16	1	10.00	A
Rangeland	1.55	4	120.00	A
Rights Of Way	14.10			
Sudangrass	3.06	1	43.00	A
Sweet Potato	0.87	6	269.00	A
Tomato	37.12	44	2,050.31	A
Tomato, Processing	578.93	231	13,700.63	A
Uncultivated Ag	0.19	1	60.00	A
Walnut	12.61	17	232.43	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Watermelon	3.29	2	52.40	A
Wheat (Forage - Fodder)	157.34	87	5,323.00	A
Chemical Total	7,530.42	2,397		
FATTY ACIDS, C16-18 AND C18-UNSATURATED, BRANCHED AND LINEAR				
Alfalfa	15.88	59	2,505.40	A
Almond	25.19	70	2,436.73	A
Bean, Dried	0.53	2	72.00	A
Corn (Forage - Fodder)	41.76	156	8,095.35	A
Cotton	6.25	13	502.84	A
Fig	0.27	1	62.50	A
Grape, Wine	27.38	11	2,182.34	A
N-Outdr Transplants	0.76	6	35.55	A
Oat (Forage - Fodder)	1.90	19	691.00	A
Sudangrass	0.86	2	160.00	A
Tomato, Processing	4.01	3	373.20	A
Walnut	0.93	4	104.00	A
Wheat	0.06	2	30.00	A
Wheat (Forage - Fodder)	3.40	21	753.35	A
Chemical Total	129.18	369		
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS				
Alfalfa	991.00	68	3,826.50	A
Almond	24,342.21	1,039	57,577.99	A
Apple	6.15	2	15.00	A
Bean, Dried	100.39	14	672.50	A
Bean, Succulent	16.75	3	147.00	A
Cantaloupe	4.80	3	75.25	A
Carrot	95.52	3	179.60	A
Cherry	168.88	21	552.00	A
Corn (Forage - Fodder)	2,882.17	203	9,909.00	A
Cotton	156.45	40	1,214.25	A
Dill	7.66	1	14.00	A
Ditch Bank	16.46	1	60.00	A
Endive (Escarole)	27.58	4	105.00	A
Fig	21.27	2	80.00	A
Forage Hay/Silage	3.28	1	15.00	A
Grape, Wine	796.84	16	1,464.87	A
N-Outdr Transplants	2,897.93	155	5,975.20	A
Oat (Forage - Fodder)	323.62	28	1,414.62	A
Olive	56.18	2	90.00	A
Parsley	89.22	6	672.36	A
Peach	711.36	84	1,907.96	A
Pecan	1.32	1	10.00	A
Pepper, Fruiting	64.82	11	295.30	A
Pistachio	2,232.62	46	3,717.16	A
Prune	20.61	2	52.00	A
Pumpkin	1.55	2	17.00	A
Rights Of Way	28.81			
	17.58	3	80.00	A
Total Pounds On This Commodity	46.39			
Rye	10.99	5	96.50	A
Sudangrass	47.21	3	216.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Sweet Potato	110.83	17	412.00	A
Tomato	65.12	7	429.00	A
Tomato, Processing	146.23	32	848.66	A
Uncultivated Ag	34.39	3	122.00	A
Walnut	1,228.78	46	2,235.60	A
Water Area	1.14		26.00	A
Wheat	10.98	3	50.00	A
Wheat (Forage - Fodder)	589.53	53	2,684.55	A
Chemical Total	38,328.24	1,930		
FATTY ACIDS DERIVED FROM TALLOW				
Alfalfa	487.97	241	12,895.30	A
Almond	1,666.97	406	32,735.54	A
Asparagus	62.36	14	863.00	A
Barley	5.07	2	164.50	A
Basil, Sweet	31.15	15	1,009.50	A
Cantaloupe	53.68	25	1,075.98	A
Chicory	0.31	1	40.00	A
Corn (Forage - Fodder)	354.95	233	13,318.56	A
Corn, Human Consumption	27.30	25	1,285.09	A
Cotton	1,035.13	568	25,070.32	A
Fig	8.19	6	680.01	A
Garlic	30.27	14	1,021.30	A
Grape	2.41	4	46.00	A
N-Outdr Transplants	89.45	43	576.91	A
Oat	0.46	1	59.65	A
Oat (Forage - Fodder)	34.21	34	1,539.40	A
Onion, Dry	8.03	4	261.20	A
Pepper, Fruiting	4.75	5	143.90	A
Pistachio	251.74	83	6,551.91	A
Radicchio	1.16	2	151.00	A
Rights Of Way	16.02			
	0.16	1	5.00	A
Total Pounds On This Commodity	16.18			
Rye	2.06	1	67.00	A
Sudangrass	1.18	1	77.10	A
Tomato	252.74	30	2,017.09	A
Tomato, Processing	273.95	155	10,787.86	A
Triticale	5.20	6	247.00	A
Uncultivated Ag	9.24	2	300.00	A
Walnut	211.87	67	2,861.80	A
Watermelon	35.11	22	829.60	A
Wheat	54.01	57	3,309.74	A
Wheat (Forage - Fodder)	174.60	172	8,940.76	A
Chemical Total	5,191.72	2,240		
FENAZAQUIN				
Almond	2,338.98	31	3,772.30	A
Cherry	4.93	1	7.00	A
Walnut	266.71	8	426.00	A
Chemical Total	2,610.63	40		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
FENBUCONAZOLE				
Almond	239.71	29	2,711.20	A
Apricot	5.50	1	56.50	A
Peach	57.37	27	590.51	A
Chemical Total	302.58	57		
FENBUTATIN-OXIDE				
Almond	629.99	27	1,430.51	A
Cherry	20.00	1	20.00	A
Peach	21.50	4	40.00	A
Chemical Total	671.49	32		
FENHEXAMID				
Cherry	4.50	1	9.00	A
Grape, Wine	2,609.70	55	5,219.39	A
N-Grnhs Transplants	28.84	6	95.60	A
N-Outdr Plants In Containers	118.05	18	157.86	A
Chemical Total	2,761.09	80		
FENPROPATHRIN				
Almond	1,190.22	52	3,527.50	A
Cherry	200.47	27	589.00	A
Pistachio	756.68	12	2,419.00	A
Tomato	221.38	25	1,115.70	A
Chemical Total	2,368.76	116		
FENPYROXIMATE				
Almond	502.62	42	3,197.72	A
Corn (Forage - Fodder)	81.52	26	774.15	A
Grape, Wine	10.32	1	96.00	A
N-Outdr Transplants	11.05	12	102.59	A
Peach	3.76	2	35.00	A
Prune	2.79	1	26.00	A
Chemical Total	612.05	84		
FENUGREEK				
Rights Of Way	2.19			
Chemical Total	2.19			
FERROUS SULFATE				
Almond	33.38	9	841.20	A
Asparagus	2.55	4	365.00	A
Bean, Dried	5.13	3	147.00	A
Cotton	4.05	15	577.95	A
Pistachio	101.27	26	2,899.66	A
Tomato, Processing	102.54	90	6,622.34	A
Chemical Total	248.91	147		
FIPRONIL				
Regulatory Pest Control	1.01			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	65.45			
Chemical Total	66.45			
FLAZASULFURON				
Almond	< 0.01	2	0.15	A
Citrus	0.02	1	0.48	A
Grape, Wine	< 0.01	1	0.04	A
Pistachio	11.39	2	467.00	A
Walnut	39.53	23	888.00	A
Chemical Total	50.95	29		
FLONICAMID				
Almond	0.55	1	6.25	A
Cantaloupe	63.04	15	732.98	A
Cotton	2,758.18	655	32,153.35	A
Melon	5.40	5	66.80	A
N-Outdr Transplants	8.11	9	103.08	A
Pepper, Fruiting	4.41	1	35.30	A
Pumpkin	0.74	1	8.50	A
Watermelon	19.45	5	222.27	A
Chemical Total	2,859.88	692		
FLUAZIFOP-P-BUTYL				
Almond	25.03	6	99.66	A
Carrot	31.84	2	84.60	A
Grape, Wine	182.28	3	484.00	A
Landscape Maintenance	0.29			
Pistachio	0.18	1	0.50	A
Rights Of Way	19.58			
Walnut	5.76	2	23.00	A
Chemical Total	264.96	14		
FLUBENDIAMIDE				
Alfalfa	39.41	17	870.81	A
Almond	27.92	10	224.00	A
Cantaloupe	0.92	1	20.00	A
Pepper, Fruiting	2.53	2	54.00	A
Pistachio	4.92	1	39.20	A
Sudangrass	5.00	1	80.00	A
Tomato	4.14	3	94.60	A
Chemical Total	84.82	35		
FLUDIOXONIL				
Dill	3.06	1	14.00	A
Endive (Escarole)	26.90	5	123.00	A
N-Grnhs Flower	0.60		100,000.00	S
N-Outdr Plants In Containers	4.09	3	21.60	A
N-Outdr Transplants	122.25	34	566.38	A
Onion, Dry	0.58		12,330.00	P
	0.29		6,044.00	U
Total Pounds On This Commodity	0.87			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Parsley	0.62		12,382.00	P
Raspberry	21.77	3	99.50	A
Tomato	11.91		3,790.00	T
	0.44	2	241.84	A
Total Pounds On This Commodity	12.35			
Chemical Total	192.52	48		
FLUENSULFONE				
Tomato, Processing	29.98	1	17.14	A
Chemical Total	29.98	1		
FLUMIOXAZIN				
Alfalfa	244.56	38	2,050.90	A
Almond	1,862.86	200	7,779.54	A
Apricot	34.61	4	108.58	A
Asparagus	54.69	4	286.00	A
Cantaloupe	5.10	1	40.00	A
Cherry	79.19	16	218.74	A
Citrus	0.01	1	0.06	A
Corn, Human Consumption	7.26	3	76.00	A
Cotton	474.99	109	4,551.78	A
Garlic	100.62	7	528.80	A
Grape, Wine	370.65	26	1,126.50	A
Landscape Maintenance	3.77			
Olive	1.47	1	3.85	A
Peach	23.99	10	114.38	A
Pistachio	134.97	24	827.61	A
Rights Of Way	449.12			
	5.74	1	15.00	A
Total Pounds On This Commodity	454.86			
Tomato, Processing	30.86	5	242.00	A
Uncultivated Ag	0.26	1	3.00	A
Uncultivated Non-Ag	1.72	1	9.00	A
Walnut	25.62	10	233.58	A
Chemical Total	3,912.05	462		
FLUOPICOLIDE				
Landscape Maintenance	0.44			
Chemical Total	0.44			
FLUOPYRAM				
Almond	7,043.47	1,145	79,940.61	A
Apple	0.61	1	7.50	A
Cherry	34.16	15	384.00	A
Garlic	10.42	1	67.00	A
Grape, Wine	597.69	58	6,043.08	A
N-Grnhs Flower	0.45		43,080.00	S
N-Outdr Plants In Containers	1.96	1	20.00	A
N-Outdr Transplants	6.23	5	50.25	A
Peach	37.12	20	430.10	A
Pepper, Fruiting	15.79	6	228.50	A
Pistachio	279.74	24	2,839.90	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Squash, Zucchini	< 0.01	1	0.03	A
Tomato	4.58	5	56.11	A
Tomato, Processing	187.16	20	1,511.00	A
Walnut	32.43	13	405.50	A
Chemical Total	8,251.81	1,315		
FLUPYRADIFURONE				
Alfalfa	1,137.39	244	16,708.15	A
Corn (Forage - Fodder)	7.31	3	65.00	A
Cotton	354.98	46	2,049.97	A
N-Outdr Plants In Containers	7.03	2	38.50	A
N-Outdr Transplants	13.69	3	99.20	A
Pepper, Fruiting	13.73	5	91.90	A
Tomato	211.40	22	1,394.80	A
Wheat (Forage - Fodder)	75.09	12	883.00	A
Chemical Total	1,820.61	337		
FLURECOL-METHYL				
Landscape Maintenance	0.24			
Chemical Total	0.24			
FLURIDONE				
Water Area	27.96		62.00	A
		27.96	20.00	C
Total Pounds On This Commodity	55.93			
Chemical Total	55.93			
FLUTRIAFOL				
Almond	25.25	2	222.00	A
Grape, Wine	90.48	13	1,113.92	A
Melon	5.66	2	53.00	A
Pumpkin	0.83	1	8.50	A
Chemical Total	122.21	18		
TAU-FLUVALINATE				
N-Grnhs Transplants	9.08	9	26.47	A
Chemical Total	9.08	9		
FLUXAPYROXAD				
Almond	1,633.08	313	17,960.07	A
Barley	3.03	4	35.00	A
Cherry	30.33	14	338.00	A
Chicory	17.09	2	130.00	A
Endive (Escarole)	13.55	3	81.00	A
Grape, Wine	0.86	2	4.02	A
N-Grnhs Flower	0.83		4.80	A
	0.46		100,000.00	S
Total Pounds On This Commodity	1.29			
N-Outdr Plants In Containers	2.96	1	20.00	A
Peach	70.52	53	783.30	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Pecan	0.13	1	1.50	A
Pepper, Fruiting	22.83	10	316.10	A
Pistachio	126.00	13	1,180.00	A
Plum	0.04	1	0.50	A
Radicchio	158.66	8	892.20	A
Tomato	80.05	28	1,026.74	A
Tomato, Processing	19.32	2	256.80	A
Vegetables, Leafy	14.33	2	109.00	A
Chemical Total	2,194.07	457		
FORAMSULFURON				
Rights Of Way	0.16			
Chemical Total	0.16			
FORCHLORFENURON				
Almond	0.03	8	2.55	A
Chemical Total	0.03	8		
FOSETYL-AL				
N-Grnhs Transplants	114.60	18	177.40	A
N-Outdr Plants In Containers	548.40	7	137.16	A
N-Outdr Transplants	40.00	1	8.20	A
Chemical Total	703.00	26		
GAMMA-CYHALOTHRIN				
Alfalfa	1.05	2	109.00	A
Structural Pest Control	0.03			
Chemical Total	1.07	2		
GIBBERELLINS				
Cherry	27.21	24	396.50	A
Citrus	0.10	1	11.00	A
Grape	0.03	1	1.00	A
Chemical Total	27.35	26		
GLUFOSINATE-AMMONIUM				
Alfalfa	165.72	2	145.00	A
Almond	75,056.33	1,992	85,304.06	A
Apricot	69.60	3	63.22	A
Cherry	232.93	12	215.83	A
Corn (Forage - Fodder)	274.45	20	688.75	A
Corn, Human Consumption	22.90	1	39.00	A
Cotton	107.01	12	198.80	A
Fig	54.62	2	85.00	A
Grape	251.95	13	248.17	A
Grape, Wine	26,763.26	302	20,756.70	A
Landscape Maintenance	152.45			
	30.00	4	28.00	A
Total Pounds On This Commodity	182.45			
N-Grnhs Flower	0.47		26,000.00	S

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	289.48	53	268.50	A
Oat (Forage - Fodder)	34.29	1	30.00	A
Olive	98.70	5	89.03	A
Peach	1,744.93	149	1,541.14	A
Pecan	22.86	2	40.00	A
Persimmon	5.74	1	13.00	A
Pistachio	8,031.66	126	8,095.73	A
Plum	0.17	1	0.50	A
Prune	1,036.95	11	1,129.20	A
Rights Of Way	5,828.55			
	2,134.49	136	2,946.57	A
Total Pounds On This Commodity	7,963.04			
Structural Pest Control	4.01			
Uncultivated Ag	714.03	8	704.00	A
Uncultivated Non-Ag	10.29	1	9.00	A
Walnut	4,039.38	161	4,150.38	A
Water Area	1.29		26.00	A
Chemical Total	127,178.49	3,018		
GLUTARALDEHYDE				
Animal Premise	49.99		73.00	U
Chemical Total	49.99			
GLYCEROL				
Alfalfa	494.20	60	2,525.40	A
Almond	1,755.33	387	9,298.36	A
Bean, Dried	16.51	2	72.00	A
Cherry	267.45	64	1,068.25	A
Corn (Forage - Fodder)	1,369.98	186	9,005.39	A
Cotton	193.71	13	502.84	A
Fig	8.32	1	62.50	A
Forage Hay/Silage	1.36	1	18.00	A
Grape, Wine	1,120.21	47	3,918.68	A
Landscape Maintenance	7.67			
N-Outdr Transplants	140.86	13	123.33	A
Oat (Forage - Fodder)	66.48	21	826.00	A
Peach	17.21	23	169.92	A
Pistachio	5.34	2	35.43	A
Rights Of Way	3.59	8	67.00	A
	1.51			
Total Pounds On This Commodity	5.10			
Sudangrass	26.62	2	160.00	A
Sweet Potato	2,717.69	74	2,036.78	A
Tomato, Processing	124.23	3	373.20	A
Walnut	178.69	60	1,148.23	A
Wheat	70.34	16	830.90	A
Wheat (Forage - Fodder)	145.79	32	1,824.35	A
Chemical Total	8,733.08	1,015		
GLYPHOSATE, DIMETHYLAMINE SALT				
Landscape Maintenance	614.30			
Rights Of Way	8.96			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	0.41	1	0.21	A
Chemical Total	623.67	1		
GLYPHOSATE, ISOPROPYLAMINE SALT				
Alfalfa	10,434.08	116	6,120.12	A
Almond	127,128.07	1,963	80,593.52	A
Apricot	108.50	2	72.36	A
Asparagus	5.00	1	5.00	A
Basil, Sweet	94.54	1	94.50	A
Bean, Dried	270.05	4	135.00	A
Cantaloupe	1,663.31	9	508.00	A
Cherry	2,043.85	55	929.45	A
Christmas Tree	19.97	3	19.00	A
Citrus	0.72	1	0.48	A
Corn (Forage - Fodder)	38,002.83	433	25,012.90	A
Corn, Human Consumption	164.59	4	164.60	A
Cotton	23,579.12	423	22,312.85	A
Cotton (Forage - Fodder)	156.87	1	157.00	A
Ditch Bank	272.23	1	117.47	A
Fig	2,654.30	10	879.50	A
Garlic	164.31	2	164.30	A
Grape	5.44	1	4.17	A
Grape, Wine	4,135.85	43	2,876.50	A
Herb, Spice	54.81	3	22.00	A
Landscape Maintenance	4,514.09			
Lettuce, Head	109.43	2	217.00	A
N-Grnhs Flower	9.93		266,000.00	S
	9.84		3.60	A
Total Pounds On This Commodity	19.77			
N-Grnhs Transplants	74.01	7	90.70	A
N-Outdr Plants In Containers	325.85	58	264.50	A
Oat (Forage - Fodder)	59.46	1	30.00	A
Onion, Dry	87.01	2	85.50	A
Pastureland	4.56	1	12.00	A
Peach	2,542.11	143	1,461.25	A
Pecan	40.01	2	40.00	A
Pepper, Fruiting	35.29	1	35.30	A
Pistachio	4,953.40	47	3,716.70	A
Prune	501.84	7	502.00	A
Public Health	0.75			
Rangeland	95.02	1	192.64	A
Rights Of Way	56,946.96			
	5,571.54	140	2,582.10	A
Total Pounds On This Commodity	62,518.50			
Stone Fruit	3.00	1	8.65	A
	0.50	2	400.00	S
Total Pounds On This Commodity	3.50			
Structural Pest Control	104.66			
Tomato	1,486.17	22	1,485.80	A
Tomato, Processing	5,069.99	66	4,401.90	A
Turf/Sod	170.47	13	67.00	A
Uncultivated Ag	887.94	8	344.40	A
Uncultivated Non-Ag	18.00	2	12.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	12,412.41	224	7,429.29	A
Water Area	137.82	1	72.30	A
Watermelon	216.48	4	185.70	A
Wheat	79.93	1	80.00	A
Wheat (Forage - Fodder)	2,238.09	26	2,240.00	A
Chemical Total	309,664.94	3,858		
GLYPHOSATE, MONOAMMONIUM SALT				
Almond	177.05	11	352.00	A
Chemical Total	177.05	11		
GLYPHOSATE, POTASSIUM SALT				
Alfalfa	20,232.43	262	11,929.95	A
Almond	184,061.41	2,237	99,687.45	A
Apricot	86.94	2	45.00	A
Asparagus	176.54	3	40.00	A
Barley	20.63	1	20.00	A
Cantaloupe	1,013.26	9	585.04	A
Cherry	40.22	1	23.33	A
Corn (Forage - Fodder)	42,919.31	663	29,217.63	A
Corn, Human Consumption	377.90	8	285.30	A
Cotton	49,474.12	854	37,624.37	A
Fig	986.86	12	644.01	A
Forage Hay/Silage	82.75	1	60.00	A
Garlic	496.56	3	298.70	A
Grape	325.27	10	206.00	A
Grape, Wine	46,890.75	195	10,629.29	A
Landscape Maintenance	683.56			
	57.93	4	28.00	A
Total Pounds On This Commodity	741.48			
N-Outdr Plants In Containers	486.85	13	218.50	A
Nectarine	17.58	2	8.50	A
Oat (Forage - Fodder)	170.59	1	124.00	A
Olive	44.85	1	32.50	A
Onion, Dry	360.74	3	294.60	A
Peach	2,787.56	75	794.82	A
Pepper, Fruiting	261.08	6	144.10	A
Persimmon	103.11	7	91.00	A
Pistachio	39,036.76	354	21,266.20	A
Plum	6.21	1	3.00	A
Prune	6,692.61	55	5,794.59	A
Rangeland	16.55	1	10.00	A
Rights Of Way	17,101.79			
	3,045.25	96	2,836.50	A
Total Pounds On This Commodity	20,147.03			
Ryegrass	41.54	1	30.10	A
Safflower	199.10	1	105.00	A
Structural Pest Control	16.88			
Sweet Potato	1,003.97	25	378.90	A
Tomato	3,750.38	43	2,679.30	A
Tomato, Processing	15,483.50	172	9,938.26	A
Uncultivated Ag	2,085.79	17	1,271.60	A
Walnut	5,375.31	111	2,795.01	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	3.10		26.00	A
Wheat (Forage - Fodder)	901.01	13	608.05	A
Chemical Total	446,918.54	5,263		
HALOSULFURON-METHYL				
Alfalfa	6.68	2	142.50	A
Corn (Forage - Fodder)	123.42	63	2,475.82	A
Corn, Human Consumption	10.31	8	337.34	A
Landscape Maintenance	4.20			
Pepper, Fruiting	0.84	1	18.00	A
Pumpkin	0.30	1	8.50	A
Rights Of Way	0.13			
Tomato	1.88	1	40.00	A
Tomato, Processing	15.37	16	362.15	A
Walnut	0.25	1	5.22	A
Chemical Total	163.37	93		
HEPTAMETHYLTRISILOXANE ETHOXYLATED				
Alfalfa	5.93	4	164.00	A
Almond	234.78	23	2,361.00	A
Bean, Dried	1.05	2	40.00	A
Cherry	4.88	3	97.00	A
Corn (Forage - Fodder)	13.69	9	367.00	A
Cotton	12.53	6	290.00	A
Pistachio	7.88	1	160.00	A
Tomato	17.95	13	212.74	A
Tomato, Processing	12.31	8	136.07	A
Walnut	1.05	1	20.00	A
Chemical Total	312.05	70		
HEPTAMETHYLTRISILOXANE-1,3-PROPANEDIOL ETHER, ETHOXYLATED PROPOXYLATED				
Alfalfa	10.93	4	60.00	A
Almond	2,406.71	709	27,895.75	A
Cantaloupe	0.76	2	163.00	A
Cherry	7.32	9	231.67	A
Corn (Forage - Fodder)	478.30	100	4,209.76	A
Grape, Wine	337.65	42	1,472.46	A
Landscape Maintenance	6.72			
N-Grnhs Transplants	0.01	2	0.40	A
N-Outdr Plants In Containers	40.27	103	989.89	A
Olive	8.77	3	97.50	A
Peach	58.17	84	1,099.37	A
Pistachio	8.77	5	55.10	A
Rangeland	1.02	1	30.00	A
Raspberry	1.10	4	180.50	A
Rights Of Way	21.77			
	9.45	3	44.00	A
Total Pounds On This Commodity	31.22			
Strawberry	0.17	1	21.00	A
Structural Pest Control	0.34			
Tomato	2.97	1	33.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Tomato, Processing	< 0.01	5	5.00	A
Walnut	195.37	92	2,890.95	A
Chemical Total	3,596.59	1,170		
(Z,Z)-11,13-HEXADECADIENAL				
Almond	21.72	7	840.00	A
Chemical Total	21.72	7		
HEXAZINONE				
Alfalfa	6,556.25	309	18,750.61	A
Rights Of Way	15.58	6	79.00	A
Chemical Total	6,571.83	315		
HEXYTHIAZOX				
Almond	2,716.65	200	15,445.90	A
Corn (Forage - Fodder)	838.69	122	5,554.94	A
Corn, Human Consumption	85.89	11	588.70	A
Peach	18.84	6	129.00	A
Walnut	176.02	23	1,063.40	A
Chemical Total	3,836.09	362		
HUMIC ACID				
Almond	23.77	27	1,337.20	A
Walnut	0.44	1	11.50	A
Chemical Total	24.21	28		
HYDRAMETHYLNON				
Almond	0.27	1	55.00	A
Structural Pest Control	0.07			
Chemical Total	0.34	1		
HYDROGEN CYANAMIDE				
Cherry	4,414.90	17	353.00	A
Chemical Total	4,414.90	17		
HYDROGEN PEROXIDE				
Almond	31.74	2	38.28	A
Animal Premise	1,741.88		73.00	U
Cherry	166.22	12	199.50	A
Ditch Bank	5,460.89		552,012.00	U
	3,995.60		1,253.40	A
Total Pounds On This Commodity	9,456.49			
Food Processing Plant	1,648.85		3.00	U
Tomato, Processing	37.45	2	278.00	A
Water (Industrial)	2,494.27		9.00	U
Water Area	7,043.70		6,235.42	U
Chemical Total	22,620.59	16		
HYDROPRENE				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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			
Structural Pest Control	20.29			
Chemical Total	20.30			
HYDROTREATED PARAFFINIC SOLVENT				
Alfalfa	4,512.78	49	2,775.50	A
Almond	796.34	150	3,053.62	A
Apricot	0.98	2	45.00	A
Corn (Forage - Fodder)	380.09	29	1,591.50	A
Corn, Human Consumption	71.17	3	100.00	A
Cotton	628.72	46	1,872.88	A
Grape, Wine	407.72	291	22,145.46	A
Oat (Forage - Fodder)	95.77	9	357.50	A
Peach	6.89	56	408.97	A
Pepper, Fruiting	12.11	1	19.00	A
Pistachio	1,159.84	14	871.50	A
Rights Of Way	7.57			
	2.12	1	100.00	A
Total Pounds On This Commodity	9.69			
Sweet Potato	58.92	13	431.00	A
Tomato	131.81	2	174.00	A
Tomato, Processing	1,717.48	32	2,268.60	A
Walnut	37.55	12	594.92	A
Wheat	1.82	5	157.20	A
Wheat (Forage - Fodder)	6.65	6	160.50	A
Chemical Total	10,036.35	721		
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE				
Almond	1,915.09	131	15,238.73	A
Corn, Human Consumption	5.20	6	343.60	A
Endive (Escarole)	16.64	5	123.00	A
Grape, Wine	410.72	29	2,746.16	A
Peach	0.34	1	4.25	A
Pepper, Fruiting	91.02	72	2,604.10	A
Pistachio	53.42	11	803.00	A
Rights Of Way	0.19			
Tomato	59.62	88	3,714.00	A
Walnut	85.46	6	385.00	A
Chemical Total	2,637.69	349		
IMAZAMOX, AMMONIUM SALT				
Alfalfa	212.48	118	4,873.91	A
Rights Of Way	7.87			
Chemical Total	220.35	118		
IMAZAPYR, ISOPROPYLAMINE SALT				
Ditch Bank	14.43		24.00	A
Rights Of Way	17.84			
Chemical Total	32.27			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
IMAZETHAPYR, AMMONIUM SALT				
Alfalfa	397.02	102	4,660.28	A
Vertebrate Control	9.53			
Chemical Total	406.55	102		
IMIDACLOPRID				
Animal Premise	2,108.36		79.00	U
Basil, Sweet	80.32	4	275.70	A
Bean, Dried	24.22	13	544.00	A
Cantaloupe	58.54	3	203.30	A
Cotton	908.71	134	6,983.48	A
Endive (Escarole)	3.66	3	81.00	A
Grape, Wine	3,043.06	61	9,021.87	A
Landscape Maintenance	77.75			
Lettuce, Head	7.24	3	156.50	A
N-Grnhs Plants In Containers	0.41	5	55.00	A
N-Grnhs Transplants	53.87	25	245.40	A
N-Outdr Plants In Containers	2.17	1	30.00	A
N-Outdr Transplants	41.21	28	338.05	A
Peach	15.48	12	158.00	A
Pecan	6.78	4	70.00	A
Pepper, Fruiting	213.71	32	1,067.14	A
Pistachio	272.09	37	2,728.50	A
Radicchio	219.65	6	575.10	A
Regulatory Pest Control	< 0.01			
Structural Pest Control	206.52			
Tomato	1,170.38	141	8,045.41	A
Tomato, Processing	6,184.65	419	27,843.46	A
Vertebrate Control	< 0.01			
Walnut	168.09	41	2,157.56	A
Chemical Total	14,866.85	972		
INDAZIFLAM				
Almond	1,394.74	771	32,343.69	A
Apricot	1.65	2	36.22	A
Cherry	5.01	7	110.11	A
Citrus	< 0.01	1	0.06	A
Grape	2.76	3	44.00	A
Grape, Wine	42.84	32	960.76	A
Landscape Maintenance	9.16			
N-Grnhs Flower	0.63		16.00	A
Nectarine	0.39	2	8.50	A
Peach	20.19	43	444.58	A
Pistachio	190.49	72	3,472.16	A
Plum	0.14	2	3.50	A
Rights Of Way	104.52			
	10.69	7	186.00	A
Total Pounds On This Commodity	115.21			
Uncultivated Ag	3.65	1	80.00	A
Walnut	101.03	82	2,282.50	A
Chemical Total	1,887.88	1,025		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
INDOXACARB				
Alfalfa	2,136.86	471	26,688.29	A
Cantaloupe	12.66	1	135.00	A
Cotton	132.35	15	1,220.20	A
Grape, Wine	16.01	2	142.34	A
Pepper, Fruiting	19.68	9	326.18	A
Radicchio	76.37	8	794.20	A
Structural Pest Control	8.13			
Tomato	61.09	27	950.78	A
Tomato, Processing	79.77	19	1,221.90	A
Chemical Total	2,542.92	552		
IODOSULFURON-METHYL-SODIUM				
Rights Of Way	0.02			
Chemical Total	0.02			
IPIRODIONE				
Almond	1,329.50	35	2,705.16	A
Apricot	9.58	1	12.50	A
Carrot	729.69	18	795.60	A
Cherry	583.60	36	745.00	A
N-Outdr Plants In Containers	161.50	4	64.79	A
N-Outdr Transplants	110.05	9	113.75	A
Peach	56.65	6	61.60	A
Chemical Total	2,980.57	109		
IRON PHOSPHATE				
Landscape Maintenance	4.33			
Regulatory Pest Control	< 0.01			
Structural Pest Control	0.36			
Chemical Total	4.70			
ALPHA-ISODECYL-OMEGA-HYDROXPOLY(OXYETHYLENE) PHOSPHATE				
Alfalfa	5.56	3	97.00	A
Cotton	4.30	1	60.00	A
Parsley	7.33	2	224.12	A
Pistachio	18.31	1	160.00	A
Chemical Total	35.51	7		
ISOPARAFFINIC HYDROCARBONS				
Almond	994.24	81	3,442.37	A
Walnut	43.18	1	125.00	A
Chemical Total	1,037.41	82		
ISOPROPYL ALCOHOL				
Alfalfa	100.46	162	8,349.30	A
Almond	1,104.63	860	29,159.49	A
Barley	1.28	2	61.00	A
Bean, Dried	19.63	19	979.50	A
Broccoli	0.22	1	50.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cantaloupe	5.57	14	1,242.20	A
Cherry	4.09	8	86.49	A
Corn (Forage - Fodder)	60.07	100	3,983.06	A
Cotton	296.11	354	18,669.08	A
Forage Hay/Silage	0.93	5	67.75	A
Grape	0.30	3	8.17	A
Grape, Wine	21.26	22	752.24	A
Lettuce, Head	4.59	9	330.00	A
Melon	0.33	8	86.70	A
N-Outdr Transplants	0.94	3	54.00	A
Oat (Forage - Fodder)	39.64	68	3,069.70	A
Peach	55.38	123	2,242.89	A
Pistachio	15.17	14	537.93	A
Plum	0.02	1	0.50	A
Rights Of Way	33.79	4	425.00	A
	5.33			
Total Pounds On This Commodity	39.11			
Sorghum/Milo	1.05	1	50.00	A
Structural Pest Control	23.57			
Sudangrass	3.84	19	731.00	A
Sweet Potato	0.30	2	56.00	A
Tomato	44.74	39	3,177.70	A
Tomato, Processing	43.44	47	3,740.50	A
Walnut	52.55	37	1,087.26	A
Wheat	21.73	28	2,236.50	A
Wheat (Forage - Fodder)	31.23	55	3,189.28	A
Chemical Total	1,992.17	2,008		
ISOPROPYLAMINE DODECYLBENZENE SULFONATE				
Alfalfa	3.06	20	932.03	A
Almond	111.70	298	15,816.59	A
Apricot	1.39	4	148.42	A
Basil, Sweet	0.54	2	143.70	A
Cabbage	0.04	1	40.00	A
Corn (Forage - Fodder)	0.10	4	107.00	A
Cotton	27.74	155	6,098.58	A
Fig	5.09	4	480.00	A
Garlic	0.60	1	80.00	A
Onion, Dry	0.49	2	130.60	A
Peach	10.27	46	1,096.82	A
Pistachio	8.62	5	1,845.00	A
Rice	7.59	6	812.30	A
Rights Of Way	3.03			
	0.22	1	40.00	A
Total Pounds On This Commodity	3.26			
Tomato, Processing	0.38	2	68.00	A
Walnut	2.66	4	375.95	A
Chemical Total	183.51	555		
ISOXABEN				
Almond	506.58	27	784.82	A
Citrus	0.04	1	0.06	A
Landscape Maintenance	75.98			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	31.88	5	45.50	A
Pistachio	26.45	2	42.10	A
Rights Of Way	74.76			
Walnut	2.97	1	4.00	A
Chemical Total	718.65	36		
KAOLIN				
Cherry	5,225.00	4	100.00	A
Pepper, Fruiting	950.00	1	20.00	A
Tomato	29,506.05	16	910.60	A
Walnut	32,745.31	20	1,019.70	A
Chemical Total	68,426.36	41		
KASUGAMYCIN HYDROCHLORIDE				
Walnut	19.16	4	198.00	A
Chemical Total	19.16	4		
(S)-KINOPRENE				
N-Grnhs Transplants	17.03	9	43.70	A
Chemical Total	17.03	9		
KRESOXIM-METHYL				
Grape, Wine	816.71	50	6,552.89	A
Chemical Total	816.71	50		
LAMBDA-CYHALOTHRIN				
Alfalfa	488.78	338	20,219.20	A
Almond	2,344.12	1,124	61,761.92	A
Apple	0.17	1	7.50	A
Apricot	12.79	9	340.67	A
Barley	1.11	2	37.00	A
Bean, Dried	15.30	11	534.00	A
Bean, Succulent	7.48	6	294.00	A
Broccoli	2.10	3	116.00	A
Cantaloupe	11.10	4	452.00	A
Cherry	18.35	23	446.00	A
Corn (Forage - Fodder)	7.33	17	258.84	A
Cotton	184.29	94	6,316.50	A
Food Proccessing Plant	0.03		3.00	U
Lettuce, Head	4.20	3	156.50	A
N-Outdr Plants In Containers	19.29	12	460.00	A
Onion, Dry	8.16	4	261.20	A
Peach	110.18	144	3,065.03	A
Pepper, Fruiting	23.30	28	919.66	A
Pistachio	750.57	188	19,281.93	A
Public Health	2.57			
Rice	18.12	6	453.00	A
Rye	2.03	5	96.50	A
Structural Pest Control	147.43			
Sudangrass	13.14	7	421.00	A
Tomatillo	0.09	1	3.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Tomato	91.86	75	4,164.67	A
Tomato, Processing	108.02	90	4,206.12	A
Walnut	139.58	97	3,695.25	A
Chemical Total	4,531.49	2,292		
LAURIC ACID				
Almond	203.33	31	2,837.00	A
Pistachio	3.81	2	35.00	A
Walnut	19.43	6	310.00	A
Chemical Total	226.57	39		
LECITHIN				
Alfalfa	621.88	112	4,995.08	A
Almond	8,272.39	576	33,069.70	A
Asparagus	2.57	1	68.00	A
Bean, Dried	56.30	13	745.00	A
Cantaloupe	32.90	9	514.90	A
Cherry	2.93	3	31.00	A
Citrus	8.31	1	11.00	A
Corn (Forage - Fodder)	1,971.72	95	5,738.46	A
Corn, Human Consumption	4.64	3	30.00	A
Cotton	1,459.26	491	16,943.49	A
Garlic	5.11	1	135.00	A
Grape, Wine	216.59	12	642.94	A
Landscape Maintenance	22.77			
Lettuce, Head	15.41	2	217.00	A
Melon	3.90	2	53.00	A
N-Outdr Transplants	1.76	1	15.00	A
Oat (Forage - Fodder)	102.14	11	752.66	A
Onion, Dry	11.73	1	155.00	A
Pastureland	4.79	1	17.00	A
Peach	163.33	19	587.23	A
Pepper, Fruiting	7.94	3	83.20	A
Pistachio	495.20	116	4,236.41	A
Pomegranate	3.78	1	10.00	A
Prune	31.08	2	68.00	A
Rangeland	16.63	3	110.00	A
Rights Of Way	2,172.61			
	9.85	6	60.00	A
Total Pounds On This Commodity	2,182.47			
Sweet Potato	20.38	6	269.00	A
Tomato	127.34	23	973.08	A
Tomato, Processing	336.70	87	4,449.46	A
Uncultivated Ag	6.10	2	115.60	A
Walnut	88.37	27	423.27	A
Wheat (Forage - Fodder)	31.43	11	293.00	A
Chemical Total	16,327.85	1,641		
LIME-SULFUR				
Almond	1,847.43	1	60.00	A
Grape, Wine	111,893.23	32	3,094.56	A
Chemical Total	113,740.66	33		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
LIMONENE				
Almond	806.49	84	3,494.87	A
Structural Pest Control	3.99			
Walnut	34.54	1	125.00	A
Chemical Total	845.02	85		
LINURON				
Asparagus	10.00	1	10.00	A
Carrot	694.75	18	911.05	A
Chemical Total	704.75	19		
MAGNESIUM PHOSPHIDE				
Almond	980.77		4,172,840.00	C
	755.44		34,035.50	T
	240.88		5,268,140.00	P
	38.08		1,902.00	S
Total Pounds On This Commodity	2,015.17			
Commodity Fumigation	0.45			
Dried Fruit	0.92		2.00	A
Fumigation, Other	5.37			
Rice	3.20		78,328.00	C
Chemical Total	2,025.10			
MALATHION				
Alfalfa	11,371.01	171	9,702.57	A
Asparagus	465.50	4	365.00	A
Blueberry	15.96	1	13.00	A
Broccoli	41.32	3	116.00	A
Cotton	2,109.01	30	1,198.02	A
N-Outdr Plants In Containers	14.69	2	7.20	A
N-Outdr Transplants	1.96	1	0.66	A
Sudangrass	536.82	7	421.00	A
Walnut	439.57	2	215.00	A
Chemical Total	14,995.83	221		
MANCOZEB				
Almond	1,745.48	44	548.40	A
Garlic	150.75	1	67.00	A
Grape, Wine	49.50	2	44.00	A
N-Grnhs Transplants	64.28	12	154.50	A
N-Outdr Plants In Containers	1.07	1	5.70	A
Onion, Dry	807.60	6	347.00	A
Pepper, Fruiting	111.50	4	99.10	A
Tomato	1,654.33	36	1,238.07	A
Tomato, Processing	591.54	12	439.54	A
Walnut	5,140.00	60	2,937.90	A
Chemical Total	10,316.04	178		
MANDIPROPAMID				
Basil, Sweet	43.59	5	334.70	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Onion, Dry	34.28	4	269.00	A
Tomato	20.57	8	227.20	A
Chemical Total	98.44	17		
MANGANESE SULFATE				
Almond	46.22	9	841.20	A
Asparagus	3.53	4	365.00	A
Bean, Dried	7.11	3	147.00	A
Cotton	5.60	15	577.95	A
Pistachio	140.22	26	2,899.66	A
Tomato, Processing	141.97	90	6,622.34	A
Chemical Total	344.65	147		
MCPA, DIMETHYLAMINE SALT				
Alfalfa	145.06	2	239.00	A
Barley	98.48	3	205.50	A
Forage Hay/Silage	589.03	23	1,114.00	A
Oat	39.45	1	65.00	A
Oat (Forage - Fodder)	7,447.95	258	12,705.92	A
Rights Of Way	2.38			
Rye	55.24	5	96.50	A
Triticale	99.66	1	90.00	A
Wheat	1,640.39	38	2,920.02	A
Wheat (Forage - Fodder)	4,338.18	134	6,322.26	A
Chemical Total	14,455.82	465		
MCPP, DIMETHYLAMINE SALT				
N-Grnhs Flower	0.44		33,000.00	S
Chemical Total	0.44			
MCPP-P, DIMETHYLAMINE SALT				
Landscape Maintenance	8.87			
Chemical Total	8.87			
MECOPROP-P				
Landscape Maintenance	18.54			
N-Grnhs Flower	0.65		2.30	A
	0.16		52,000.00	S
Total Pounds On This Commodity	0.81			
Rights Of Way	1.71			
Chemical Total	21.06			
MEFENOXAM				
Almond	643.23	18	1,018.54	A
Asparagus	109.18	6	435.00	A
Basil, Sweet	215.16	3	214.70	A
Cantaloupe	6.41	7	618.00	A
Carrot	194.09	36	1,551.30	A
Cherry	20.04	1	20.00	A
N-Grnhs Transplants	10.60	15	175.10	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	57.62	3	115.00	A	
N-Outdr Transplants	113.92	18	286.38	A	
Onion, Dry	54.42	6	520.50	A	
			0.89	12,330.00	P
			0.45	6,044.00	U
Total Pounds On This Commodity	55.76				
Parsley	0.92		12,382.00	P	
Peach	8.02	2	16.00	A	
Pepper, Fruiting	169.41	37	1,200.80	A	
Tomato	495.53	72	3,361.87	A	
Tomato, Processing	1,667.57	181	13,183.51	A	
Chemical Total	3,767.46	405			
MEFENOXAM, OTHER RELATED					
N-Grnhs Transplants	0.09	4	4.70	A	
Onion, Dry	0.03		12,330.00	P	
			0.01	6,044.00	U
Total Pounds On This Commodity	0.04				
Parsley	0.03		12,382.00	P	
Chemical Total	0.16	4			
MEPIQUAT CHLORIDE					
Cotton	2,746.37	1,372	67,649.32	A	
Chemical Total	2,746.37	1,372			
MESOTRIONE					
Almond	541.15	138	3,325.32	A	
Citrus	0.04	1	0.12	A	
Corn (Forage - Fodder)	159.80	27	1,708.90	A	
Grape, Wine	< 0.01	1	0.04	A	
Pistachio	85.30	25	647.04	A	
Walnut	7.15	2	44.00	A	
Chemical Total	793.45	194			
METAFLUMIZONE					
Almond	15.93	302	16,954.52	A	
N-Outdr Plants In Containers	< 0.01	1	15.00	A	
Peach	0.04	1	46.00	A	
Pistachio	0.50	7	530.83	A	
Walnut	0.56	15	590.00	A	
Chemical Total	17.05	326			
METAM-SODIUM					
Carrot	32,422.89	2	129.20	A	
Rights Of Way	1,503.26				
Tomato	12,047.99	1	43.80	A	
Tomato, Processing	69,159.65	12	652.40	A	
Chemical Total	115,133.78	15			
METCONAZOLE					

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	2,364.60	500	24,938.54	A
Peach	19.64	4	201.00	A
Pistachio	610.74	55	5,933.50	A
Walnut	16.71	5	154.00	A
Chemical Total	3,011.69	564		
METHOMYL				
Alfalfa	172.40	16	770.00	A
Asparagus	137.70	3	153.00	A
Cantaloupe	96.84	4	143.48	A
Onion, Dry	243.45	3	348.00	A
Tomato	1,395.60	51	2,033.54	A
Chemical Total	2,045.99	77		
METHOPRENE				
Public Health	154.78			
Structural Pest Control	0.04			
Chemical Total	154.82			
S-METHOPRENE				
Almond	140.45	220	21,143.80	A
Pecan	0.06	1	10.00	A
Public Health	61.06			
Regulatory Pest Control	0.44			
Structural Pest Control	33.54			
Walnut	2.99	8	472.05	A
Chemical Total	238.54	229		
METHOXYFENOZIDE				
Alfalfa	343.58	55	2,487.00	A
Almond	29,650.93	1,483	98,477.69	A
Apple	2.12	1	7.50	A
Apricot	82.26	10	330.30	A
Bean, Dried	125.23	16	797.00	A
Bean, Succulent	20.76	3	147.00	A
Broccoli	29.31	4	166.00	A
Cantaloupe	187.84	16	1,118.00	A
Cherry	25.14	5	140.00	A
Corn (Forage - Fodder)	180.51	15	819.00	A
Corn, Human Consumption	36.03	1	50.20	A
Grape, Wine	896.06	46	4,933.43	A
N-Grnhs Transplants	5.96	4	37.60	A
N-Outdr Plants In Containers	2.83	3	13.19	A
N-Outdr Transplants	30.02	12	141.66	A
Parsley	39.53	2	224.12	A
Peach	547.23	99	1,991.70	A
Pepper, Fruiting	58.46	10	323.39	A
Pistachio	2,568.38	85	7,487.91	A
Pluot	1.27	1	5.00	A
Pumpkin	2.96	1	16.75	A
Rights Of Way	2.26			
Sudangrass	6.08	1	43.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Sweet Potato	37.95	6	269.00	A
Tomato	1,140.54	94	5,218.50	A
Tomato, Processing	952.55	80	4,730.27	A
Walnut	1,121.70	89	4,168.89	A
Chemical Total	38,097.50	2,142		
METHYLATED FATTY ACIDS FROM CANOLA OIL				
Alfalfa	650.43	15	577.10	A
Almond	11,799.73	231	7,158.98	A
Apricot	25.97	1	18.00	A
Corn (Forage - Fodder)	1,071.43	21	784.00	A
Landscape Maintenance	50.51	4	28.00	A
Peach	441.63	28	244.23	A
Pistachio	333.91	8	170.55	A
Tomato, Processing	354.11	16	654.00	A
Walnut	1,118.33	5	170.00	A
Chemical Total	15,846.06	329		
METHYLATED SILICA				
Alfalfa	0.63	3	200.00	A
Rights Of Way	1.42	66	66.00	A
	0.03			
Total Pounds On This Commodity	1.45			
Chemical Total	2.08	69		
METHYLATED SOYBEAN OIL				
Alfalfa	17,302.34	466	27,645.93	A
Almond	118,136.50	3,579	224,109.30	A
Apricot	38.93	5	82.72	A
Cantaloupe	324.52	20	1,203.22	A
Cherry	2,106.18	64	1,207.87	A
Chicory	13.95	6	335.00	A
Corn (Forage - Fodder)	6,184.44	207	11,224.47	A
Corn, Human Consumption	1,015.71	27	1,107.94	A
Cotton	10,532.66	673	34,269.60	A
Fig	449.96	10	576.01	A
Forage Hay/Silage	123.10	15	865.60	A
Garlic	48.51	2	160.00	A
Grape, Wine	3,905.25	87	2,985.32	A
Kale	0.79	1	10.00	A
Landscape Maintenance	58.95			
Lettuce, Head	65.76	9	330.00	A
Oat (Forage - Fodder)	210.61	21	1,127.66	A
Olive	62.15	3	97.50	A
Peach	449.97	66	709.15	A
Pepper, Fruiting	19.00	4	120.00	A
Pistachio	22,458.81	359	36,913.96	A
Prune	245.01	5	275.67	A
Radicchio	151.61	43	3,665.60	A
Rangeland	164.87	4	180.00	A
Rice	116.27	5	838.50	A
Rights Of Way	3,121.99			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
	1,349.35	21	1,594.40	A
Total Pounds On This Commodity	4,471.33			
Structural Pest Control	57.36			
Tomato	302.36	38	2,246.14	A
Tomato, Processing	1,543.54	112	5,454.82	A
Triticale	15.10	2	151.00	A
Uncultivated Ag	177.96	3	119.00	A
Vegetables, Leafy	4.12	2	109.00	A
Vertebrate Control	64.77			
Walnut	6,210.21	247	7,993.34	A
Watermelon	1.73	1	26.20	A
Wheat	42.04	1	80.00	A
Wheat (Forage - Fodder)	526.74	29	1,696.19	A
Chemical Total	197,603.14	6,137		
METHYL BROMIDE				
Almond	227.50		147,000.00	C
Commodity Fumigation	171.25			
Fumigation, Other	578.00			
N-Outdr Plants In Containers	38,153.47	8	158.90	A
N-Outdr Transplants	137,866.50	43	590.90	A
Chemical Total	176,996.72	51		
METHYL-2,7-DICHLORO-9-HYDROXYFLUORENE-9-CARBOXYLATE				
Landscape Maintenance	0.18			
Chemical Total	0.18			
METHYL ESTERS OF COTTONSEED OIL				
Alfalfa	477.71	6	312.06	A
Almond	1,177.36	16	744.09	A
Corn, Human Consumption	62.56	2	84.00	A
Chemical Total	1,717.62	24		
METHYL SILICONE RESINS				
Almond	283.92	60	4,010.02	A
Apricot	0.55	4	2.60	A
Cherry	25.20	7	230.00	A
Corn (Forage - Fodder)	117.61	33	1,402.70	A
Grape, Wine	258.51	45	3,551.87	A
Landscape Maintenance	0.50			
N-Outdr Transplants	0.74	28	386.66	A
Peach	0.51	4	2.40	A
Pepper, Fruiting	0.03	3	83.20	A
Pistachio	0.05	7	304.00	A
Pluot	2.17	3	10.30	A
Prune	0.01	1	26.00	A
Rice	5.24	1	285.00	A
Rights Of Way	0.64			
Sudangrass	6.32	1	90.00	A
Tomato	< 0.01	1	26.00	A
Walnut	217.89	14	1,649.67	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	919.90	212		
METOFLUTHRIN				
Structural Pest Control	0.15			
Chemical Total	0.15			
METOLACHLOR				
Corn (Forage - Fodder)	1,057.97	14	587.00	A
Cotton	223.09	9	168.00	A
Tomato	45.03	1	30.00	A
Tomato, Processing	1,316.30	18	882.45	A
Uncultivated Ag	589.92	4	295.00	A
Chemical Total	3,232.31	46		
S-METOLACHLOR				
Bean, Dried	635.26	10	429.00	A
Corn (Forage - Fodder)	2,865.44	58	1,958.25	A
Cotton	6,208.89	84	5,197.52	A
Safflower	238.61	2	167.00	A
Sorghum (Forage - Fodder)	633.66	7	482.00	A
Tomato	3,297.35	69	2,559.06	A
Tomato, Processing	24,725.38	269	16,638.28	A
Chemical Total	38,604.59	499		
METRAFENONE				
Alfalfa	< 0.01	1	0.02	A
Grape, Wine	342.97	4	1,370.00	A
Tomato	0.02	6	0.06	A
Chemical Total	342.99	11		
METRIBUZIN				
Tomato	83.57	5	111.42	A
Tomato, Processing	534.44	35	1,228.25	A
Uncultivated Ag	33.00	1	44.00	A
Chemical Total	651.01	41		
MINERAL OIL				
Alfalfa	3,629.07	110	4,965.53	A
Almond	950,090.38	1,998	116,575.76	A
Apricot	7,040.91	9	390.42	A
Bean, Dried	100.68	2	95.00	A
Broccoli	164.77	3	275.80	A
Carrot	7.77	2	129.20	A
Cherry	914.26	22	644.00	A
Cilantro	20.91	2	56.00	A
Citrus	0.76	1	0.48	A
Corn (Forage - Fodder)	2,465.29	54	2,837.12	A
Corn, Human Consumption	134.49	6	218.60	A
Cotton	21,349.94	428	24,671.18	A
Dill	5.23	1	14.00	A
Fig	380.31	6	373.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Forage Hay/Silage	0.77	3	365.60	A
Garlic	120.33	2	147.00	A
Grape, Wine	812.65	11	450.24	A
Lettuce, Head	3.44	9	330.00	A
N-Grnhs Flower	31.96		80,000.00	S
N-Outdr Plants In Containers	90.73	3	58.50	A
Oat (Forage - Fodder)	64.10	1	195.00	A
Olive	2,028.50	9	222.69	A
Peach	68,683.41	193	3,610.79	A
Pecan	0.08	1	1.50	A
Pepper, Fruiting	22.09	1	23.90	A
Pistachio	2,005.87	48	2,414.20	A
Plum	13.91	1	0.50	A
Prune	15,287.59	19	1,583.20	A
Public Health	28,627.75			
Radicchio	1,421.40	9	998.30	A
Rice	0.21	1	20.00	A
Rights Of Way	1,246.24			
	141.78	16	847.67	A
Total Pounds On This Commodity	1,388.02			
Squash	5.64	1	80.00	A
Stone Fruit	55.75	2	8.00	A
Tomato	118.86	3	251.10	A
Tomato, Processing	1,093.06	29	1,772.70	A
Triticale	0.79	2	151.00	A
Uncultivated Ag	174.20	5	281.50	A
Walnut	3,572.15	63	2,319.92	A
Wheat	106.17	7	323.00	A
Wheat (Forage - Fodder)	989.67	34	2,298.40	A
Chemical Total	1,113,023.87	3,117		
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN				
Almond	169.35	20	1,706.57	A
Water Area	5.97	1	60.00	A
Chemical Total	175.32	21		
MSMA				
Cotton	1,254.07	14	693.50	A
N-Grnhs Flower	4.30		85,000.00	S
Chemical Total	1,258.36	14		
MUSCALURE				
Animal Premise	0.50		45.00	U
Structural Pest Control	0.05			
Chemical Total	0.55			
MYCLOBUTANIL				
Almond	3.35	1	23.00	A
Apricot	11.28	2	75.25	A
Cherry	128.46	44	1,058.00	A
Cucumber	0.38	1	3.75	A
Grape	0.20	1	2.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	668.53	65	5,683.39	A
N-Outdr Plants In Containers	18.46	14	155.00	A
N-Outdr Transplants	8.52	10	83.09	A
Peach	39.40	22	389.50	A
Pepper, Fruiting	11.97	4	112.11	A
Stone Fruit	1.20	1	5.00	A
Tomato	32.15	14	365.53	A
Tomato, Processing	165.90	33	1,898.94	A
Chemical Total	1,089.80	212		
NALED				
Cotton	234.21	3	155.00	A
Chemical Total	234.21	3		
NAPROPAMIDE				
Almond	32.00	1	16.00	A
Basil, Sweet	190.00	1	95.00	A
Herb, Spice	100.40	1	50.20	A
Structural Pest Control	0.05			
Sweet Potato	217.75	5	166.00	A
Chemical Total	540.20	8		
NICOSULFURON				
Corn (Forage - Fodder)	250.73	203	10,098.46	A
Corn, Human Consumption	9.65	9	417.34	A
Rights Of Way	2.31			
Chemical Total	262.69	212		
NONANOIC ACID				
Landscape Maintenance	0.04			
Chemical Total	0.04			
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED				
Alfalfa	13.29	7	262.00	A
Almond	5,715.87	999	49,689.15	A
Apple	1.54	2	15.00	A
Apricot	1.29	1	27.00	A
Bean, Dried	18.52	11	535.00	A
Bean, Succulent	4.19	3	147.00	A
Cantaloupe	1.63	3	75.25	A
Carrot	32.41	3	179.60	A
Cherry	55.36	21	552.00	A
Corn (Forage - Fodder)	400.52	94	4,667.30	A
Cotton	42.13	61	1,485.13	A
Endive (Escarole)	9.36	4	105.00	A
Fig	7.22	2	80.00	A
Grape, Wine	1,481.68	305	23,560.33	A
Oat (Forage - Fodder)	3.84	5	193.00	A
Parsley	30.27	6	672.36	A
Peach	182.81	126	2,018.81	A
Pecan	0.45	1	10.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Pepper, Fruiting	16.64	11	295.30	A
Pistachio	749.72	49	3,837.16	A
Prune	5.15	2	52.00	A
Pumpkin	0.39	2	17.00	A
Rights Of Way	6.37	1	100.00	A
	0.84			
Total Pounds On This Commodity	7.20			
Rye	3.73	5	96.50	A
Sweet Potato	44.37	24	670.00	A
Tomato	22.09	7	429.00	A
Tomato, Processing	36.89	32	848.66	A
Walnut	430.68	46	2,645.60	A
Water Area	0.39		26.00	A
Wheat	5.47	5	157.20	A
Wheat (Forage - Fodder)	35.09	12	807.00	A
Chemical Total	9,360.19	1,850		

ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)

Alfalfa	5,717.02	1,367	74,753.49	A
Almond	51,768.91	6,068	324,297.69	A
Apricot	60.47	13	492.72	A
Asparagus	164.91	16	999.00	A
Barley	27.49	4	225.50	A
Basil, Sweet	77.86	15	1,009.50	A
Bean, Dried	116.47	27	1,388.00	A
Broccoli	5.50	1	90.00	A
Cantaloupe	277.85	58	2,969.60	A
Carrot	12.58	2	84.60	A
Cherry	79.65	36	511.49	A
Chicory	3.39	7	375.00	A
Citrus	2.23	1	11.00	A
Corn (Forage - Fodder)	4,911.00	926	48,226.78	A
Corn, Human Consumption	408.51	58	2,755.69	A
Cotton	14,168.14	3,015	136,338.43	A
Cotton (Forage - Fodder)	95.88	1	157.00	A
Cucumber	2.07	2	5.50	A
Endive (Escarole)	22.95	3	81.00	A
Fig	23.55	8	758.51	A
Forage Hay/Silage	372.61	36	1,783.75	A
Garlic	91.09	18	1,383.30	A
Grape	12.97	10	71.17	A
Grape, Wine	2,719.60	441	30,430.99	A
Kale	0.15	1	10.00	A
Landscape Maintenance	102.90			
	12.52	8	56.00	A
Total Pounds On This Commodity	115.42			
Lettuce, Head	95.60	9	330.00	A
Melon	1.05	2	53.00	A
N-Outdr Plants In Containers	412.31	111	1,699.50	A
N-Outdr Transplants	236.18	53	681.46	A
Nectarine	1.64	2	8.50	A
Oat	6.10	2	124.65	A
Oat (Forage - Fodder)	1,698.53	210	11,219.98	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	2.40	7	127.09	A
Onion, Dry	23.23	5	416.20	A
Pastureland	1.83	1	30.00	A
Peach	945.29	313	4,314.94	A
Pepper, Fruiting	383.04	87	2,101.56	A
Pistachio	11,029.91	488	41,820.45	A
Plum	0.82	2	3.50	A
Pomegranate	1.01	1	10.00	A
Prune	18.44	5	296.20	A
Radicchio	32.30	46	3,922.70	A
Rangeland	5.72	5	150.00	A
Rice	16.77	3	533.50	A
Rights Of Way	1,425.24			
	799.95	33	1,904.40	A
Total Pounds On This Commodity	2,225.19			
Rye	5.16	1	67.00	A
Sorghum/Milo	12.15	1	50.00	A
Structural Pest Control	64.02			
Sudangrass	50.64	14	534.10	A
Sweet Potato	129.44	32	1,224.25	A
Tomatillo	1.03	1	3.00	A
Tomato	1,984.37	244	11,997.78	A
Tomato, Processing	2,775.55	678	41,700.90	A
Triticale	13.00	6	247.00	A
Uncultivated Ag	67.51	13	691.40	A
Uncultivated Non-Ag	0.80	1	9.00	A
Vegetables, Leafy	0.77	2	109.00	A
Walnut	1,713.63	295	10,079.42	A
Water Area	79.68	2	143.00	A
Watermelon	92.59	24	882.00	A
Wheat	622.12	132	8,609.64	A
Wheat (Forage - Fodder)	1,302.43	410	22,021.39	A
Chemical Total	107,310.51	15,383		

**ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE),
BRANCHED**

Alfalfa	1,459.07	173	9,000.85	A
Almond	2,254.43	343	19,540.78	A
Bean, Dried	120.03	3	230.00	A
Corn (Forage - Fodder)	79.51	9	568.70	A
Corn, Human Consumption	58.28	11	501.34	A
Cotton	231.96	126	4,781.03	A
Fig	13.35	6	216.00	A
Grape, Wine	2.13	4	24.00	A
Pistachio	906.84	77	7,100.33	A
Rights Of Way	13.12	2	100.00	A
Tomato	20.44	7	441.04	A
Tomato, Processing	38.73	48	3,140.87	A
Uncultivated Ag	5.25	1	32.00	A
Vertebrate Control	7.20			
Walnut	258.01	53	1,965.75	A
Chemical Total	5,468.37	863		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER				
Alfalfa	215.57	106	5,995.54	A
Almond	3,317.89	311	22,195.04	A
Asparagus	49.83	2	136.00	A
Bean, Dried	0.84	2	40.00	A
Cantaloupe	46.02	7	377.00	A
Carrot	1.78	2	84.60	A
Cherry	24.61	11	232.33	A
Corn (Forage - Fodder)	106.02	28	1,275.60	A
Corn, Human Consumption	0.58	3	100.00	A
Cotton	112.12	131	6,701.30	A
Cotton (Forage - Fodder)	53.66	1	157.00	A
Grape, Wine	56.36	6	287.24	A
Landscape Maintenance	17.41			
Oat (Forage - Fodder)	7.21	14	1,173.50	A
Peach	2.61	1	21.70	A
Pepper, Fruiting	0.10	1	19.00	A
Pistachio	109.30	78	1,701.73	A
Prune	14.67	3	214.67	A
Rights Of Way	47.78			
	0.21	1	10.00	A
Total Pounds On This Commodity	47.99			
Sweet Potato	0.37	2	48.00	A
Tomato	2.89	10	894.22	A
Tomato, Processing	49.75	52	3,708.52	A
Walnut	137.77	23	842.37	A
Wheat (Forage - Fodder)	15.60	4	456.00	A
Chemical Total	4,390.96	799		
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY (OXYETHYLENE) SULFATE, AMMONIUM SALT				
Water Area	0.15		12.30	A
Chemical Total	0.15			
NORFLURAZON				
Alfalfa	2,615.88	33	2,696.00	A
Almond	431.95	7	673.18	A
Chemical Total	3,047.83	40		
NOVALURON				
Almond	< 0.01	3	0.06	A
Bean, Dried	5.65	2	72.00	A
Cotton	347.10	138	5,289.44	A
Landscape Maintenance	2.55			
N-Outdr Transplants	10.43	8	133.00	A
Regulatory Pest Control	0.02			
Structural Pest Control	1.20			
Tomato, Processing	119.48	21	1,538.35	A
Chemical Total	486.44	172		
NOVIFLUMURON				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.04			
Chemical Total	0.04			
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE				
Regulatory Pest Control	< 0.01			
Structural Pest Control	29.52			
Chemical Total	29.52			
ALPHA-OCTYLPHENYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Almond	99.42	81	3,442.37	A
Walnut	4.32	1	125.00	A
Chemical Total	103.74	82		
OIL OF ORANGE				
Almond	19.88	81	3,442.37	A
Walnut	0.86	1	125.00	A
Chemical Total	20.75	82		
OLEIC ACID				
Alfalfa	6.64	2	79.00	A
Almond	2,311.51	390	20,875.53	A
Apple	1.92	2	15.00	A
Bean, Dried	23.15	11	535.00	A
Bean, Succulent	5.24	3	147.00	A
Cherry	6.77	4	120.00	A
Corn (Forage - Fodder)	28.07	13	725.00	A
Cotton	5.96	15	290.75	A
Grape, Wine	28.49	2	500.00	A
Peach	131.37	42	1,221.84	A
Pepper, Fruiting	18.74	10	263.32	A
Pistachio	40.32	18	512.50	A
Prune	6.44	2	52.00	A
Pumpkin	0.48	2	17.00	A
Tomato, Processing	44.53	25	792.66	A
Walnut	185.58	17	1,068.60	A
Chemical Total	2,845.21	558		
OLEIC ACID, ETHYL ESTER				
Alfalfa	5.34	2	69.00	A
Almond	6,604.60	169	15,281.62	A
Cotton	26.93	4	234.00	A
Grape, Wine	131.76	19	1,378.00	A
Pistachio	614.77	40	3,014.00	A
Pumpkin	0.31	1	16.75	A
Rice	3.86	1	20.00	A
Walnut	527.54	14	844.00	A
Chemical Total	7,915.11	250		
OLEIC ACID, METHYL ESTER				
Alfalfa	1,173.54	23	1,155.10	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	7,999.08	133	7,321.27	A
Bean, Dried	7.01	2	40.00	A
Cherry	32.40	3	97.00	A
Corn (Forage - Fodder)	278.58	12	466.00	A
Cotton	115.31	12	352.10	A
Grape, Wine	101.59	1	64.44	A
Landscape Maintenance	8.47			
Lettuce, Head	71.92	2	217.00	A
Pastureland	22.34	1	17.00	A
Peach	106.53	5	162.13	A
Pistachio	1,014.36	66	1,271.41	A
Research Commodity	2.84			
Rights Of Way	320.55			
	45.99	6	60.00	A
Total Pounds On This Commodity	366.54			
Tomato	119.27	13	212.74	A
Tomato, Processing	155.45	11	418.07	A
Uncultivated Ag	7.31	1	55.60	A
Walnut	80.10	8	96.84	A
Chemical Total	11,662.62	299		
ORCHEX 796 OIL				
Alfalfa	45.73	2	79.00	A
Chemical Total	45.73	2		
ORGANO/MODIFIED POLYSILOXANE				
Alfalfa	1.17	12	677.60	A
Almond	17.38	142	12,115.59	A
Corn (Forage - Fodder)	0.11	1	105.00	A
Corn, Human Consumption	0.86	9	417.34	A
Fig	1.74	6	680.01	A
Oat (Forage - Fodder)	0.55	12	372.90	A
Pepper, Fruiting	< 0.01	1	18.00	A
Pistachio	5.45	38	2,985.67	A
Walnut	1.50	22	716.40	A
Wheat	3.51	18	1,385.00	A
Wheat (Forage - Fodder)	3.78	43	2,338.40	A
Chemical Total	36.05	304		
ORGANOSILICONE, POLY OXYALKYLENE ETHER COPOLYMER				
Almond	14.29	13	265.11	A
Grape, Wine	110.55	21	842.40	A
Pistachio	12.21	7	139.42	A
Walnut	0.20	1	2.08	A
Chemical Total	137.24	42		
ORYZALIN				
Almond	7,661.44	113	3,368.52	A
Cherry	177.56	3	67.66	A
Citrus	0.16	1	0.06	A
Fig	1,198.14	3	192.00	A
Grape, Wine	1,284.82	5	427.68	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	58.40			
Pistachio	94.52	2	30.00	A
Rights Of Way	84.12			
Total Pounds On This Commodity	130.92	1	15.00	A
Walnut	96.71	5	57.72	A
Chemical Total	10,702.68	133		
OXADIAZON				
Landscape Maintenance	6.00			
Chemical Total	6.00			
OXAMYL				
Tomato	88.73	2	118.80	A
Tomato, Processing	16.43	1	22.00	A
Chemical Total	105.16	3		
OXATHIPIPROLIN				
Onion, Dry	3.52	3	231.00	A
Tomato	0.01	2	0.04	A
Chemical Total	3.53	5		
OXYFLUORFEN				
Alfalfa	10.35	1	20.62	A
Almond	31,582.11	2,444	98,733.92	A
Cantaloupe	61.27	13	574.17	A
Cherry	315.57	51	865.28	A
Christmas Tree	3.01	2	12.00	A
Corn, Human Consumption	26.25	6	236.90	A
Cotton	6,452.50	351	18,726.15	A
Cotton (Forage - Fodder)	39.85	1	157.00	A
Fig	240.93	7	482.50	A
Garlic	148.84	11	775.50	A
Grape	0.76	1	6.00	A
Grape, Wine	7,703.68	226	16,683.72	A
Landscape Maintenance	404.75			
N-Outdr Plants In Containers	129.19	70	481.00	A
Olive	48.92	1	32.50	A
Onion, Dry	243.22	14	1,419.00	A
Peach	461.70	89	1,279.60	A
Pepper, Fruiting	20.73	4	105.50	A
Persimmon	4.86	6	78.00	A
Pistachio	3,863.36	196	10,748.24	A
Prune	496.96	59	6,056.59	A
Rights Of Way	2,063.76			
Total Pounds On This Commodity	2,425.68	43	1,431.60	A
Tomato	339.73	30	2,029.52	A
Tomato, Processing	1,663.02	150	8,406.48	A
Uncultivated Ag	60.81	7	501.60	A
Uncultivated Non-Ag	0.45	1	3.00	A
Walnut	1,419.15	190	5,879.45	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.75		25.00	A
Wheat (Forage - Fodder)	174.57	4	348.00	A
Chemical Total	58,342.99	3,978		
PACLOBUTRAZOL				
N-Grnhs Flower	2.10		32.80	A
	0.84		320,000.00	S
Total Pounds On This Commodity	2.94			
N-Outdr Flower	0.25		3.60	A
Rights Of Way	6.15			
Chemical Total	9.34			
PAECILOMYCES FUMOSOROSEUS APOPKA STRAIN 97				
Almond	56.28	3	201.00	A
Basil, Sweet	38.00	1	95.00	A
Cilantro	2.00	1	5.00	A
Watermelon	11.76	3	58.80	A
Chemical Total	108.04	8		
PURPUREOCILLIUM LILACIUNUM STRAIN 251				
Squash, Zucchini	< 0.01	1	0.03	A
Tomato	0.25	2	1.03	A
Chemical Total	0.25	3		
PARAQUAT DICHLORIDE				
Alfalfa	8,362.41	223	12,690.76	A
Almond	53,185.70	1,193	46,413.49	A
Cantaloupe	43.25	1	62.70	A
Cherry	138.21	7	99.67	A
Corn (Forage - Fodder)	1,000.46	12	719.40	A
Corn, Human Consumption	188.09	3	143.00	A
Cotton	9,691.38	278	14,962.31	A
Cucumber	1.15	1	1.75	A
Fig	247.32	2	176.00	A
Grape	8.27	1	6.00	A
Grape, Wine	9,099.42	96	6,613.36	A
Jicama	1.29	1	7.00	A
N-Outdr Plants In Containers	41.37	1	40.00	A
Olive	67.23	2	65.00	A
Peach	333.40	24	251.57	A
Pepper, Fruiting	36.76	2	53.30	A
Pistachio	1,449.96	34	1,272.89	A
Prune	296.05	3	214.67	A
Rights Of Way	16.36	4	19.00	A
Tomato	164.64	3	178.00	A
Tomato, Processing	948.18	14	1,281.03	A
Uncultivated Ag	377.18	4	278.00	A
Walnut	1,401.10	56	1,162.84	A
Watermelon	57.84	2	55.90	A
Wheat (Forage - Fodder)	620.56	2	600.00	A
Chemical Total	87,777.58	1,969		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
PCP, OTHER RELATED				
N-Outdr Transplants	< 0.01	1	47.00	A
Chemical Total	< 0.01	1		
PENDIMETHALIN				
Alfalfa	45,682.20	374	18,980.26	A
Almond	46,798.85	438	19,620.57	A
Apricot	137.20	2	36.22	A
Bean, Dried	79.55	2	82.00	A
Carrot	387.99	8	409.70	A
Cherry	979.98	19	295.74	A
Citrus	0.19	1	0.06	A
Corn (Forage - Fodder)	330.00	5	459.00	A
Cotton	4,324.10	111	5,109.29	A
Ditch Bank	53.26		30.00	A
Garlic	398.63	5	375.90	A
Grape	26.63	2	10.17	A
Grape, Wine	2,687.52	23	1,808.47	A
Landscape Maintenance	10.65			
N-Outdr Plants In Containers	615.29	7	161.00	A
Olive	112.80	3	43.29	A
Onion, Dry	183.48	2	310.00	A
Peach	1,491.05	38	429.95	A
Pepper, Fruiting	22.63	1	31.98	A
Pistachio	2,228.02	34	1,288.86	A
Rights Of Way	1,705.89			
	1,015.06	15	390.00	A
Total Pounds On This Commodity	2,720.94			
Tomato	975.87	44	1,427.32	A
Tomato, Processing	1,987.33	52	2,431.80	A
Uncultivated Ag	368.15	4	295.00	A
Uncultivated Non-Ag	10.23	1	9.00	A
Vertebrate Control	90.91			
Walnut	846.79	23	383.08	A
Chemical Total	113,550.22	1,214		
PENOX SULAM				
Almond	104.46	122	4,719.96	A
Grape, Wine	< 0.01	1	0.04	A
N-Outdr Plants In Containers	0.02	1	1.00	A
Peach	3.89	20	251.92	A
Pistachio	40.35	49	1,821.93	A
Rice	3.53	4	98.00	A
Rights Of Way	5.08			
Walnut	0.91	3	55.00	A
Chemical Total	158.24	200		
PENTACHLOROPHENOL				
N-Outdr Transplants	0.06	1	47.00	A
Chemical Total	0.06	1		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
PENTHIOPYRAD				
Almond	2,853.92	192	12,852.02	A
Apricot	16.65	1	80.00	A
Garlic	62.93	4	287.10	A
Landscape Maintenance	1.40			
Lettuce, Head	48.84	3	156.50	A
Peach	83.28	18	399.99	A
Pepper, Fruiting	9.38	1	30.00	A
Pistachio	120.09	10	577.00	A
Prune	4.16	1	19.00	A
Radicchio	218.24	12	880.60	A
Tomato	168.36	30	1,078.33	A
Tomato, Processing	93.36	7	412.40	A
Watermelon	6.76	1	32.50	A
Chemical Total	3,687.37	280		
PERMETHRIN				
Alfalfa	9.95	2	84.00	A
Almond	221.29	20	992.62	A
Asparagus	73.60	10	736.00	A
Cantaloupe	6.75	1	135.00	A
Cherry	2.71	1	13.00	A
Corn (Forage - Fodder)	19.14	1	32.00	A
N-Outdr Plants In Containers	134.53	17	540.00	A
Peach	21.34	4	85.83	A
Pistachio	244.05	16	830.00	A
Public Health	131.70			
Radicchio	15.95	1	78.00	A
Structural Pest Control	693.47			
Tomato, Processing	54.35	14	1,077.00	A
Walnut	6.68	1	26.90	A
Chemical Total	1,635.51	88		
PERMETHRIN, OTHER RELATED				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PEROXYACETIC ACID				
Almond	6.71	2	38.28	A
Animal Premise	362.96		73.00	U
Cherry	113.33	12	199.50	A
Ditch Bank	3,717.24		552,012.00	U
	2,591.74		1,253.40	A
Total Pounds On This Commodity	6,308.98			
Food Proccessing Plant	1,124.22		3.00	U
Tomato, Processing	2.76	2	278.00	A
Water (Industrial)	527.09		9.00	U
Water Area	4,802.52		6,235.42	U
Chemical Total	13,248.57	16		
PETROLEUM DISTILLATES				
Almond	623.32	18	2,282.50	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	623.32	18		
PETROLEUM DISTILLATES, ALIPHATIC				
Alfalfa	0.06	2	144.00	A
Almond	0.41	17	488.50	A
Barley	0.02	2	50.00	A
Cotton	1.16	63	2,466.76	A
Tomato	45.28	1	40.00	A
Tomato, Processing	0.08	2	121.10	A
Chemical Total	47.01	87		
PETROLEUM DISTILLATES, AROMATIC				
Alfalfa	878.58	25	1,140.20	A
Almond	2,147.14	33	1,801.21	A
Bean, Dried	58.58	2	40.00	A
Cantaloupe	38.78	2	53.00	A
Carrot	123.84	2	84.60	A
Cherry	37.61	3	51.33	A
Cotton	1,697.58	67	3,289.30	A
Grape, Wine	286.29	3	171.84	A
Pistachio	113.53	10	155.06	A
Rights Of Way	14.65	1	10.00	A
Tomato	126.59	8	720.22	A
Tomato, Processing	75.22	5	428.12	A
Walnut	21.87	4	29.87	A
Chemical Total	5,620.26	165		
PETROLEUM DISTILLATES, REFINED				
Grape, Wine	2,674.03	2	760.00	A
Chemical Total	2,674.04	2		
PETROLEUM NAPHTHENIC OILS				
Alfalfa	0.71	2	144.00	A
Almond	4.74	17	488.50	A
Barley	0.25	2	50.00	A
Cotton	13.52	63	2,466.76	A
Tomato, Processing	0.89	2	121.10	A
Chemical Total	20.11	86		
PETROLEUM OIL, PARAFFIN BASED				
Alfalfa	1,008.14	36	1,777.15	A
Almond	12,161.68	224	13,022.22	A
Apricot	226.11	4	148.42	A
Basil, Sweet	87.40	2	143.70	A
Cabbage	6.08	1	40.00	A
Corn (Forage - Fodder)	16.39	4	107.00	A
Cotton	4,532.99	156	6,128.58	A
Fig	828.87	4	480.00	A
Garlic	97.31	1	80.00	A
Onion, Dry	79.43	2	130.60	A
Peach	1,670.96	46	1,096.82	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Pistachio	1,498.91	6	1,970.00	A
Prune	309.77	7	502.00	A
Rice	1,235.10	6	812.30	A
Rights Of Way	493.42			
	36.49	1	40.00	A
Total Pounds On This Commodity	529.91			
Tomato, Processing	62.34	2	68.00	A
Walnut	151.45	3	250.95	A
Water Area	30.27		12.30	A
Chemical Total	24,533.12	505		
PETROLEUM OIL, UNCLASSIFIED				
Almond	129,678.67	189	17,085.60	A
N-Outdr Transplants	7.62	1	47.00	A
Peach	2,606.97	9	141.00	A
Chemical Total	132,293.25	199		
PHENOTHHRIN				
Animal Premise	< 0.01		3.00	U
N-Outdr Plants In Containers	0.04	1	40.00	A
Public Health	150.60			
Structural Pest Control	9.14			
Chemical Total	159.78	1		
PHENYLETHYL PROPIONATE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
PHOSMET				
Alfalfa	23.80	1	34.00	A
Walnut	70.00	1	25.00	A
Chemical Total	93.80	2		
PHOSPHINE				
Almond	183.91		4,158,992.00	P
	100.50		3,110,964.00	C
	58.86		21,178.80	T
Total Pounds On This Commodity	343.27			
Commodity Fumigation	119.22			
Fumigation, Other	273.44			
Chemical Total	735.93			
PHOSPHORIC ACID				
Alfalfa	612.29	351	17,290.48	A
Almond	4,623.47	1,520	54,193.37	A
Apricot	0.26	2	1.30	A
Asparagus	17.80	6	501.00	A
Barley	0.61	2	40.00	A
Basil, Sweet	2.87	1	94.50	A
Bean, Dried	85.18	23	1,182.50	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Broccoli	0.14	1	50.00	A
Cantaloupe	13.45	19	1,565.07	A
Cherry	584.21	145	2,940.75	A
Corn (Forage - Fodder)	744.83	503	24,397.16	A
Corn, Human Consumption	55.35	19	879.45	A
Cotton	1,300.92	856	38,860.97	A
Fig	7.51	9	397.00	A
Forage Hay/Silage	0.42	1	18.00	A
Garlic	4.86	1	80.00	A
Grape	1.92	2	42.00	A
Grape, Wine	217.16	62	2,666.55	A
Landscape Maintenance	0.47			
Melon	0.21	8	86.70	A
N-Outdr Plants In Containers	1.95	4	42.00	A
N-Outdr Transplants	11.10	5	90.00	A
Oat (Forage - Fodder)	20.85	21	1,275.50	A
Olive	1.75	3	24.03	A
Peach	104.73	127	1,596.48	A
Pepper, Fruiting	31.90	9	223.11	A
Pistachio	1,014.16	106	10,289.19	A
Pluot	1.02	1	5.00	A
Prune	12.32	3	149.59	A
Radicchio	67.07	8	892.20	A
Rights Of Way	14.89			
	6.76	13	173.67	A
Total Pounds On This Commodity	21.65			
Structural Pest Control	0.22			
Sudangrass	0.51	9	477.00	A
Tomato	24.92	18	806.10	A
Tomato, Processing	928.68	218	15,358.15	A
Uncultivated Ag	5.76	4	116.60	A
Walnut	414.08	121	3,222.54	A
Wheat	46.48	33	1,488.42	A
Wheat (Forage - Fodder)	106.32	101	5,105.09	A
Chemical Total	11,089.41	4,335		
PINOXADEN				
Wheat	13.59	3	253.10	A
Chemical Total	13.59	3		
PIPERONYL BUTOXIDE				
Animal Premise	0.64		11.00	U
Landscape Maintenance	16.67			
Pistachio	377.08	10	751.00	A
Public Health	890.48			
Regulatory Pest Control	0.05			
Rights Of Way	11.85			
Structural Pest Control	264.26			
Uncultivated Non-Ag	1.01		1.00	U
Chemical Total	1,562.05	10		

PIPERONYL BUTOXIDE, OTHER RELATED

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	3.49			
Public Health	16.55			
Regulatory Pest Control	0.01			
Rights Of Way	2.79			
Structural Pest Control	43.33			
Chemical Total	66.18			
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE				
Alfalfa	14.26	28	1,670.37	A
Almond	74.41	104	5,387.98	A
Asparagus	1.60	5	303.00	A
Barley	0.09	1	20.00	A
Cantaloupe	0.60	1	89.87	A
Corn (Forage - Fodder)	16.98	32	2,838.75	A
Cotton	388.42	280	14,073.42	A
Grape	1.46	9	200.00	A
Grape, Wine	3.11	12	373.31	A
Oat	0.14	1	59.65	A
Oat (Forage - Fodder)	8.51	33	1,902.63	A
Olive	0.29	3	24.03	A
Onion, Dry	0.37	1	164.00	A
Pistachio	55.24	59	6,444.15	A
Rice	0.40	1	116.00	A
Rights Of Way	3.95			
	0.66	1	50.00	A
Total Pounds On This Commodity	4.61			
Tomato	0.48	2	179.90	A
Tomato, Processing	11.46	40	2,411.74	A
Triticale	0.69	3	158.00	A
Uncultivated Ag	2.37	3	260.00	A
Walnut	4.51	11	489.33	A
Wheat	4.26	18	745.10	A
Wheat (Forage - Fodder)	20.63	98	5,285.94	A
Chemical Total	614.89	746		
POLYACRYLAMIDE POLYMER				
Alfalfa	8.04	15	1,000.20	A
Almond	168.27	367	9,555.58	A
Basil, Sweet	0.41	1	94.50	A
Bean, Dried	1.79	2	460.00	A
Cantaloupe	1.27	6	281.70	A
Cherry	26.87	64	1,068.25	A
Corn (Forage - Fodder)	10.61	40	1,637.48	A
Corn, Human Consumption	0.52	2	80.60	A
Cotton	67.42	191	10,293.46	A
Forage Hay/Silage	0.27	2	78.00	A
Garlic	2.20	5	367.10	A
Grape, Wine	27.55	38	1,797.37	A
Landscape Maintenance	0.31			
Oat (Forage - Fodder)	0.89	3	187.00	A
Peach	1.73	23	169.92	A
Pepper, Fruiting	0.17	1	35.30	A
Pistachio	9.11	78	1,675.48	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Prune	2.36	6	407.87	A
Rights Of Way	5.64			
	0.36	8	67.00	A
Total Pounds On This Commodity	6.00			
Tomato	1.25	4	409.00	A
Tomato, Processing	10.10	39	2,899.51	A
Walnut	15.10	57	1,049.23	A
Watermelon	1.85	6	241.60	A
Wheat	8.36	23	1,325.30	A
Wheat (Forage - Fodder)	6.75	29	2,422.17	A
Chemical Total	379.21	1,010		

POLYACRYLIC POLYMER

Alfalfa	33.43	169	8,440.52	A
Almond	106.86	445	21,966.59	A
Barley	0.05	2	40.00	A
Basil, Sweet	0.26	1	94.50	A
Cantaloupe	0.12	1	89.87	A
Corn (Forage - Fodder)	44.95	252	14,552.25	A
Corn, Human Consumption	4.86	15	711.45	A
Cotton	82.93	468	22,154.76	A
Fig	0.68	9	397.00	A
Garlic	0.44	1	80.00	A
Grape	0.17	2	42.00	A
Grape, Wine	0.06	4	24.00	A
N-Outdr Plants In Containers	0.08	1	20.00	A
Oat (Forage - Fodder)	1.58	17	1,028.50	A
Olive	0.16	3	24.03	A
Peach	1.65	6	119.78	A
Pepper, Fruiting	0.10	1	23.90	A
Pistachio	32.67	70	6,907.31	A
Prune	1.11	3	149.59	A
Radicchio	6.07	8	892.20	A
Rights Of Way	0.48	4	101.67	A
Tomato	0.55	3	265.10	A
Tomato, Processing	9.35	49	3,459.30	A
Uncultivated Ag	0.15	1	55.60	A
Walnut	7.21	23	839.12	A
Wheat	0.93	12	376.92	A
Wheat (Forage - Fodder)	6.38	83	3,755.09	A
Chemical Total	343.31	1,653		

POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE

Alfalfa	93.10	194	10,397.49	A
Almond	1,427.28	1,330	95,385.76	A
Apricot	1.95	5	82.72	A
Cantaloupe	4.29	6	399.32	A
Chicory	0.70	6	335.00	A
Corn (Forage - Fodder)	9.07	8	444.00	A
Cotton	190.94	355	17,479.65	A
Garlic	2.43	2	160.00	A
Grape, Wine	79.34	6	148.05	A
Kale	0.04	1	10.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Peach	11.95	32	394.82	A
Pepper, Fruiting	0.95	4	120.00	A
Pistachio	520.85	144	21,097.50	A
Prune	0.29	1	19.00	A
Radicchio	7.58	43	3,665.60	A
Rice	4.47	3	533.50	A
Rights Of Way	< 0.01	1	0.40	A
Tomato	0.17	5	120.40	A
Tomato, Processing	21.93	36	2,189.62	A
Vegetables, Leafy	0.21	2	109.00	A
Walnut	33.98	40	1,380.69	A
Wheat (Forage - Fodder)	0.07	1	9.00	A
Chemical Total	2,411.59	2,225		
POLYALKYLENEOXIDE MODIFIED POLYDIMETHYL-SILOXANE				
Almond	696.83	99	3,815.78	A
Cherry	3.98	1	30.00	A
Corn (Forage - Fodder)	30.17	7	233.00	A
Walnut	188.79	32	873.17	A
Chemical Total	919.77	139		
POLYBUTENES				
Alfalfa	6.39	3	194.00	A
Almond	3,599.65	911	48,288.98	A
Apple	1.28	2	15.00	A
Bean, Dried	15.43	11	535.00	A
Bean, Succulent	3.49	3	147.00	A
Cantaloupe	0.86	3	75.25	A
Carrot	17.06	3	179.60	A
Cherry	30.80	21	552.00	A
Corn (Forage - Fodder)	204.04	81	3,613.30	A
Cotton	18.91	35	922.25	A
Endive (Escarole)	4.92	4	105.00	A
Fig	3.80	2	80.00	A
Grape, Wine	143.06	14	1,414.87	A
Olive	6.45	1	60.00	A
Parsley	15.93	6	672.36	A
Peach	123.23	72	1,695.84	A
Pecan	0.24	1	10.00	A
Pepper, Fruiting	13.36	11	295.30	A
Pistachio	402.52	46	3,717.16	A
Prune	4.29	2	52.00	A
Pumpkin	0.32	2	17.00	A
Rights Of Way	0.44			
Rye	1.96	5	96.50	A
Sweet Potato	19.79	17	412.00	A
Tomato	11.63	7	429.00	A
Tomato, Processing	30.35	32	848.66	A
Walnut	238.24	45	2,222.60	A
Water Area	0.20		26.00	A
Wheat (Forage - Fodder)	18.47	12	807.00	A
Chemical Total	4,937.12	1,352		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
POLY(OXY-1,2-ETHANEDIYL), ALPHA-ISODECYL-OMEGA-HYDROXY- PHOSPHATE, POTASSIUM SALT				
Parsley	2.67	2	224.12	A
Chemical Total	2.67	2		
POLYETHER MODIFIED POLYSILOXANE				
Alfalfa	1.93	4	102.00	A
Almond	440.53	534	13,473.27	A
Corn (Forage - Fodder)	130.21	175	7,138.62	A
Grape, Wine	11.66	5	113.70	A
N-Outdr Transplants	6.90	2	36.00	A
Oat (Forage - Fodder)	0.93	2	112.00	A
Peach	24.21	81	1,065.61	A
Pistachio	48.71	25	1,107.39	A
Tomato	6.82	12	366.00	A
Walnut	8.18	19	201.69	A
Wheat (Forage - Fodder)	36.18	9	879.00	A
Chemical Total	716.26	868		
POLYETHOXYLATED CASTOR OIL				
Almond	100.87	64	1,627.95	A
Corn (Forage - Fodder)	0.60	2	44.98	A
Grape, Wine	3.41	3	77.70	A
Peach	0.27	2	16.00	A
Pistachio	247.94	36	2,104.21	A
Wheat (Forage - Fodder)	5.01	2	600.00	A
Chemical Total	358.10	109		
POLYETHYLENE GLYCOL				
Alfalfa	385.52	93	5,740.60	A
Almond	6,666.56	875	29,297.41	A
Barley	8.09	2	61.00	A
Cherry	25.83	8	86.49	A
Corn (Forage - Fodder)	365.61	96	3,981.31	A
Cotton	1,671.23	187	13,059.70	A
Forage Hay/Silage	13.77	17	567.75	A
Grape	1.91	3	8.17	A
Grape, Wine	134.30	22	752.24	A
N-Outdr Plants In Containers	31.78	74	539.00	A
Oat (Forage - Fodder)	220.75	69	3,206.13	A
Peach	349.77	123	2,242.89	A
Pistachio	95.47	13	529.43	A
Plum	0.13	1	0.50	A
Rights Of Way	196.55	3	355.00	A
	33.64			
Total Pounds On This Commodity	230.19			
Sorghum/Milo	6.63	1	50.00	A
Sudangrass	19.20	10	254.00	A
Sweet Potato	1.88	2	56.00	A
Tomato	282.56	39	3,177.70	A
Tomato, Processing	117.48	18	1,714.40	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	212.45	29	941.35	A
Wheat	137.24	28	2,236.50	A
Wheat (Forage - Fodder)	138.51	48	2,829.87	A
Chemical Total	11,116.86	1,761		
POLYETHYLENE GLYCOL DIACETATE				
Almond	11.37	35	2,588.15	A
Corn, Human Consumption	0.14	6	343.60	A
Endive (Escarole)	0.44	5	123.00	A
Grape, Wine	6.40	12	934.16	A
Pepper, Fruiting	2.40	72	2,604.10	A
Pistachio	0.35	1	55.00	A
Rights Of Way	< 0.01			
Tomato	1.55	87	3,674.00	A
Chemical Total	22.65	218		
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER				
Almond	949.33	156	5,903.81	A
Peach	3.50	6	18.00	A
Walnut	243.12	14	848.00	A
Chemical Total	1,195.95	176		
POLYETHYLENE GLYCOL STEARATE				
Alfalfa	1.33	2	69.00	A
Almond	1,651.15	169	15,281.62	A
Cotton	6.73	4	234.00	A
Grape, Wine	32.94	19	1,378.00	A
Pistachio	153.69	40	3,014.00	A
Pumpkin	0.08	1	16.75	A
Rice	0.97	1	20.00	A
Walnut	131.89	14	844.00	A
Chemical Total	1,978.78	250		
POLYOXYETHYLENE POLYOL FATTY ACID ESTERS				
Almond	149.90	12	734.87	A
Chemical Total	149.90	12		
POLY-I-PARA-MENTHENE				
Almond	13.01	3	38.95	A
Chemical Total	13.01	3		
POLYMERIZED ACRYLIC ACID				
Oat (Forage - Fodder)	12.90	12	1,051.00	A
Chemical Total	12.90	12		
POLYMERIZED PINENE				
Almond	481.79	16	589.35	A
Walnut	12.98	2	19.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	494.77	18		
POLYOXIN D, ZINC SALT				
Almond	100.24	50	2,695.24	A
Grape, Wine	11.06	4	255.84	A
N-Outdr Plants In Containers	0.94	4	22.40	A
N-Outdr Transplants	5.12	7	117.00	A
Pistachio	10.38	5	237.00	A
Chemical Total	127.75	70		
POLY(OXY-1,2-ETHANEDIYL), ALPHA-HYDRO-OMEGA-HYDROXY-, MONO-C11-14-ISOALKYL ETHERS, C13-RICH, PHOSPHATES				
Alfalfa	3.20	6	230.90	A
Almond	6.37	5	283.25	A
Corn (Forage - Fodder)	5.30	4	160.00	A
Corn, Human Consumption	2.44	4	130.00	A
N-Outdr Plants In Containers	43.81	55	2,110.00	A
Oat (Forage - Fodder)	39.59	48	2,333.50	A
Pistachio	23.86	16	1,060.81	A
Chemical Total	124.57	138		
POLYOXYETHYLENE DIOLEATE				
Almond	0.30	13	265.11	A
Grape, Wine	2.30	21	842.40	A
Pistachio	0.25	7	139.42	A
Walnut	< 0.01	1	2.08	A
Chemical Total	2.86	42		
POLYOXYETHYLENE MIXED FATTY ACID ESTER				
Alfalfa	200.88	23	1,087.12	A
Almond	2.24	1	17.00	A
Bean, Dried	14.59	1	65.00	A
Corn (Forage - Fodder)	78.64	16	352.50	A
Chemical Total	296.35	41		
POLYOXYETHYLENE POLYOXYPROPYLENE				
Almond	280.72	37	2,976.11	A
Apricot	73.89	7	269.75	A
Basil, Sweet	10.92	9	179.10	A
Cilantro	0.27	2	10.00	A
Corn (Forage - Fodder)	31.21	17	754.18	A
Corn, Human Consumption	4.41	7	232.00	A
Fig	7.67	1	90.00	A
Garlic	38.94	5	216.00	A
Grape, Wine	0.07	1	0.34	A
Peach	598.61	111	2,481.82	A
Pepper, Fruiting	4.88	2	70.60	A
Pistachio	484.70	29	4,398.00	A
Tomato	287.43	50	1,825.84	A
Tomato, Processing	102.09	30	2,047.63	A
Walnut	59.43	6	312.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	1,985.25	314		
POLY(OXYETHYLENE) POLY(OXYPROPYLENE) GLYCOL MONOALLYL ETHER				
Almond	766.45	264	7,523.56	A
Cherry	4.80	7	230.00	A
Corn (Forage - Fodder)	51.35	43	1,752.00	A
Grape, Wine	64.86	55	3,787.99	A
N-Grmhs Transplants	0.05	2	0.40	A
N-Outdr Plants In Containers	161.09	103	989.89	A
Peach	126.47	59	859.54	A
Pistachio	0.81	1	15.00	A
Raspberry	4.41	4	180.50	A
Rights Of Way	7.80			
Strawberry	0.68	1	21.00	A
Walnut	345.17	63	2,824.51	A
Chemical Total	1,533.95	602		
POLYOXYETHYLENE SORBITOL, MIXED ETHER ESTER				
Pistachio	19.70	1	125.00	A
Chemical Total	19.70	1		
POLYOXYETHYLENE SORBITAN MIXED FATTY ACID ESTERS				
Water Area	4.67		12.30	A
Chemical Total	4.67			
POLYOXYETHYLENE SORBITAN MONOOLEATE				
Alfalfa	12.23	20	932.03	A
Almond	410.52	257	13,016.90	A
Apricot	6.84	5	166.42	A
Basil, Sweet	2.15	2	143.70	A
Cabbage	0.15	1	40.00	A
Corn (Forage - Fodder)	26.91	13	371.50	A
Cotton	110.96	155	6,098.58	A
Fig	20.37	4	480.00	A
Garlic	2.39	1	80.00	A
Oat (Forage - Fodder)	4.06	2	42.00	A
Onion, Dry	1.95	2	130.60	A
Peach	49.39	48	1,182.82	A
Pistachio	34.48	5	1,845.00	A
Rice	30.36	6	812.30	A
Rights Of Way	12.13			
	0.90	1	40.00	A
Total Pounds On This Commodity	13.02			
Sweet Potato	26.35	4	125.00	A
Tomato, Processing	1.53	2	68.00	A
Walnut	34.08	12	387.87	A
Wheat (Forage - Fodder)	15.53	6	160.50	A
Chemical Total	803.27	546		
POLYOXYETHYLENE SORBITAN TRIOLEATE				
Alfalfa	101.58	85	4,564.53	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	2,004.27	351	22,175.73	A
Apricot	36.53	4	148.42	A
Basil, Sweet	14.14	2	143.70	A
Bean, Dried	0.58	3	137.50	A
Cabbage	0.98	1	40.00	A
Corn (Forage - Fodder)	41.57	128	6,439.70	A
Cotton	731.56	160	6,390.58	A
Dill	0.17	1	14.00	A
Ditch Bank	0.36	1	60.00	A
Fig	133.92	4	480.00	A
Forage Hay/Silage	0.07	1	15.00	A
Garlic	15.75	1	80.00	A
Grape, Wine	0.24	2	50.00	A
N-Outdr Transplants	63.92	155	5,975.20	A
Oat (Forage - Fodder)	7.14	28	1,414.62	A
Olive	1.24	2	90.00	A
Onion, Dry	12.85	2	130.60	A
Peach	271.99	58	1,308.94	A
Pistachio	226.97	5	1,845.00	A
Rice	199.85	6	812.30	A
Rights Of Way	80.42			
	6.29	4	120.00	A
Total Pounds On This Commodity	86.71			
Sudangrass	1.04	3	216.00	A
Tomato, Processing	10.09	2	68.00	A
Uncultivated Ag	0.76	3	122.00	A
Walnut	24.95	6	298.95	A
Wheat	0.24	3	50.00	A
Wheat (Forage - Fodder)	10.72	41	1,877.55	A
Chemical Total	4,000.20	1,062		
POLYOXYETHYLENE SOYBEAN OIL FATTY ACID ESTER				
Almond	690.46	57	1,737.84	A
Apricot	0.74	1	18.00	A
Cherry	934.62	20	608.00	A
Corn (Forage - Fodder)	15.15	9	264.50	A
Grape, Wine	3,347.40	21	2,780.00	A
Oat (Forage - Fodder)	2.32	2	42.00	A
Peach	4.75	2	86.00	A
Sweet Potato	15.05	4	125.00	A
Walnut	214.42	12	519.92	A
Wheat (Forage - Fodder)	8.87	6	160.50	A
Chemical Total	5,233.77	134		
POLYOXYETHYLENE TALL OIL FATTY ACID ESTER				
Alfalfa	9.60	6	230.90	A
Corn (Forage - Fodder)	15.89	4	160.00	A
Corn, Human Consumption	7.33	4	130.00	A
N-Outdr Plants In Containers	131.42	55	2,110.00	A
Oat (Forage - Fodder)	118.78	48	2,333.50	A
Chemical Total	283.02	117		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
POLYPROPYLENE GLYCOL				
Rights Of Way	0.52			
Chemical Total	0.52			
POLYSACCHARIDE POLYMER				
Alfalfa	0.41	6	546.80	A
Almond	< 0.01	1	26.00	A
Corn (Forage - Fodder)	0.11	4	298.80	A
Grape, Wine	< 0.01	1	7.33	A
Walnut	< 0.01	1	5.00	A
Wheat (Forage - Fodder)	0.15	15	1,062.17	A
Chemical Total	0.69	28		
POLYSILOXANE				
Corn (Forage - Fodder)	0.15	3	115.00	A
Rice	18.69	1	285.00	A
Chemical Total	18.84	4		
POLYSORBATE 65				
Alfalfa	126.80	28	1,748.80	A
Almond	780.32	176	9,415.60	A
Citrus	0.07	1	0.48	A
Corn (Forage - Fodder)	18.61	9	334.00	A
Cotton	30.20	8	651.80	A
Fig	32.32	5	357.00	A
Garlic	3.34	1	80.00	A
Grape, Wine	71.17	9	438.24	A
Pistachio	103.92	31	1,137.44	A
Radicchio	123.99	8	892.20	A
Rights Of Way	11.12	8	146.67	A
Tomato	3.97	1	142.40	A
Uncultivated Ag	2.79	1	50.00	A
Walnut	59.21	17	606.48	A
Chemical Total	1,367.83	303		
POTASH SOAP				
N-Outdr Transplants	10.41	1	0.25	A
Squash	26.65	1	16.00	A
Vegetable	45.80	5	8.00	A
Chemical Total	82.85	7		
POTASSIUM BICARBONATE				
Grape, Wine	16.97	2	4.14	A
N-Grnhs Plants In Containers	0.11	2	6,000.00	S
N-Outdr Transplants	24.65	11	11.11	A
Peach	49.14	1	24.00	A
Chemical Total	90.87	16		
POTASSIUM HYDROXIDE				
Alfalfa	2.31	14	886.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	55.23	88	3,722.32	A
Bean, Dried	3.85	10	664.00	A
Bean, Succulent	2.04	6	294.00	A
Corn (Forage - Fodder)	13.07	79	3,554.40	A
Peach	0.10	1	19.00	A
Pecan	0.72	1	19.00	A
Pepper, Fruiting	0.85	3	83.20	A
Pistachio	4.23	11	744.00	A
Prune	0.41	1	26.00	A
Tomato	0.35	4	124.50	A
Walnut	3.42	10	565.96	A
Chemical Total	86.58	228		
POTASSIUM N-METHYLDITHIOCARBAMATE				
Cantaloupe	3,113.50	1	10.20	A
Carrot	111,182.00	10	312.50	A
N-Outdr Transplants	20,594.53	7	87.78	A
Strawberry	1,810.63	2	7.00	A
Sweet Potato	661,607.63	121	2,813.80	A
Tomato, Processing	54,442.05	11	816.25	A
Chemical Total	852,750.33	152		
POTASSIUM NITRATE				
Alfalfa	21.96	14	886.00	A
Almond	280.61	43	1,705.50	A
Bean, Dried	36.55	10	664.00	A
Bean, Succulent	19.39	6	294.00	A
Corn (Forage - Fodder)	19.48	66	3,018.40	A
Peach	0.91	1	19.00	A
Pecan	6.83	1	19.00	A
Pistachio	26.59	4	440.00	A
Tomato	1.77	3	98.50	A
Walnut	20.60	8	490.96	A
Chemical Total	434.69	156		
POTASSIUM PHOSPHITE				
Almond	24,605.54	217	9,944.90	A
Apricot	347.76	2	100.00	A
Basil, Sweet	1,191.77	5	382.40	A
Dill	73.03	1	14.00	A
Endive (Escarole)	281.69	3	81.00	A
Landscape Maintenance	42.45			
N-Outdr Plants In Containers	1,799.18	18	690.00	A
N-Outdr Transplants	562.96	24	108.20	A
Peach	566.85	13	163.00	A
Pistachio	93.90	1	27.00	A
Sweet Potato	1,090.93	12	313.70	A
Walnut	4,802.49	47	1,806.33	A
Chemical Total	35,458.53	343		
POTASSIUM SILICATE				
Prune	82.20	1	27.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	82.20	1		
PRALLETHRIN				
Animal Premise	< 0.01		3.00	U
Landscape Maintenance	0.54			
Public Health	30.12			
Rights Of Way	0.14			
Structural Pest Control	1.99			
Chemical Total	32.79			
PRODIAMINE				
Landscape Maintenance	8.50			
Rights Of Way	224.60			
Turf/Sod	20.80	1	32.00	A
Chemical Total	253.90	1		
PROHEXADIONE-CALCIUM				
Cherry	103.81	23	384.00	A
Chemical Total	103.81	23		
PROMETRYN				
Cilantro	295.48	2	184.90	A
Parsley	279.70	4	140.05	A
Chemical Total	575.18	6		
PROPAMOCARB HYDROCHLORIDE				
Landscape Maintenance	4.36			
N-Grnhs Transplants	7.01	4	9.20	A
Chemical Total	11.37	4		
PROPANIL				
Rice	5,981.74	13	1,321.30	A
Chemical Total	5,981.74	13		
PROPARGITE				
Almond	5,311.47	35	2,897.32	A
Corn (Forage - Fodder)	16,524.02	151	6,841.25	A
Corn, Human Consumption	690.61	9	316.00	A
Cotton	325.49	5	195.14	A
Prune	81.28	1	42.00	A
Walnut	106.95	2	35.00	A
Chemical Total	23,039.83	203		
PROPICONAZOLE				
Almond	9,855.80	775	47,711.85	A
Apricot	20.49	5	178.30	A
Barley	11.19	4	98.00	A
Carrot	29.54	5	264.20	A
Cherry	3.99	3	35.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Dill	1.56	1	14.00	A
Garlic	60.75	5	373.40	A
Landscape Maintenance	0.03			
N-Grnhs Flower	2.35		100,000.00	S
N-Outdr Plants In Containers	43.16	16	258.79	A
N-Outdr Transplants	35.65	10	178.00	A
Peach	115.15	58	1,006.20	A
Pistachio	166.74	14	794.00	A
Pluot	0.59	2	5.30	A
Prune	129.20	11	1,155.00	A
Tomato	10.49		3,790.00	T
Walnut	31.24	6	140.00	A
Chemical Total	10,517.93	915		
PROPIONIC ACID				
Alfalfa	188.20	78	3,212.98	A
Almond	3,198.05	304	16,117.05	A
Asparagus	2.57	1	68.00	A
Bean, Dried	56.30	13	745.00	A
Cantaloupe	20.38	8	386.90	A
Cherry	2.93	3	31.00	A
Citrus	8.31	1	11.00	A
Corn (Forage - Fodder)	89.04	19	654.00	A
Cotton	1,373.67	460	15,832.51	A
Garlic	5.11	1	135.00	A
Grape, Wine	188.51	9	571.10	A
Melon	3.90	2	53.00	A
N-Outdr Transplants	1.76	1	15.00	A
Onion, Dry	11.73	1	155.00	A
Peach	115.07	9	375.10	A
Pepper, Fruiting	5.88	3	83.20	A
Pistachio	56.03	16	753.00	A
Pomegranate	3.78	1	10.00	A
Prune	2.83	1	26.00	A
Rangeland	16.63	3	110.00	A
Sweet Potato	20.38	6	269.00	A
Tomato	96.57	19	721.08	A
Tomato, Processing	314.94	83	4,127.46	A
Uncultivated Ag	4.54	1	60.00	A
Walnut	30.34	12	167.43	A
Wheat (Forage - Fodder)	6.49	7	168.00	A
Chemical Total	5,823.94	1,062		
PROPOXUR				
Structural Pest Control	0.02			
Chemical Total	0.02			
PROPYLENE GLYCOL				
Alfalfa	88.81	69	3,189.56	A
Almond	1,054.20	439	15,203.41	A
Apricot	2.58	2	45.00	A
Cherry	21.91	9	217.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Corn (Forage - Fodder)	91.63	54	3,323.75	A
Corn, Human Consumption	5.08	5	164.00	A
Cotton	112.89	84	5,732.98	A
Forage Hay/Silage	3.51	2	108.00	A
Grape	0.67	2	12.00	A
Grape, Wine	0.15	1	3.70	A
Landscape Maintenance	5.37			
	1.54	4	28.00	A
Total Pounds On This Commodity	6.91			
Nectarine	0.47	2	8.50	A
Oat (Forage - Fodder)	2.20	4	81.00	A
Peach	16.47	30	309.90	A
Pepper, Fruiting	0.44	1	19.00	A
Pistachio	69.65	40	1,023.51	A
Plum	0.16	1	3.00	A
Rights Of Way	9.66			
Sweet Potato	7.93	8	236.25	A
Tomato	2.64	2	96.00	A
Uncultivated Non-Ag	0.29	1	9.00	A
Walnut	99.38	15	820.08	A
Wheat	10.05	8	403.90	A
Wheat (Forage - Fodder)	3.17	11	293.50	A
Chemical Total	1,610.86	794		
PROPYZAMIDE				
Radicchio	374.71	4	446.10	A
Turf/Sod	86.65	3	83.00	A
Chemical Total	461.37	7		
PYMETROZINE				
Cantaloupe	22.05	3	256.60	A
Pepper, Fruiting	< 0.01	1	0.01	A
Chemical Total	22.05	4		
PYRACLOSTROBIN				
Almond	3,304.54	787	35,372.77	A
Apricot	14.30	3	149.00	A
Barley	11.43	6	72.00	A
Blackberry	0.02	1	0.25	A
Boysenberry	0.02	1	0.25	A
Carrot	38.13	13	454.00	A
Cherry	37.37	18	403.00	A
Chicory	17.09	2	130.00	A
Endive (Escarole)	13.55	3	81.00	A
Grape	2.88	1	18.00	A
Grape, Wine	1,559.37	99	10,001.48	A
N-Grnhs Flower	0.92		100,000.00	S
	0.74		2.30	A
Total Pounds On This Commodity	1.66			
N-Grnhs Transplants	8.82	5	75.40	A
N-Outdr Plants In Containers	28.23	11	157.40	A
N-Outdr Transplants	0.03	1	0.50	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Peach	208.91	111	2,266.63	A
Pecan	0.13	1	1.50	A
Pepper, Fruiting	45.54	10	316.10	A
Pistachio	216.69	37	2,056.20	A
Plum	0.04	1	0.50	A
Pumpkin	2.28	1	16.75	A
Radicchio	296.28	20	1,767.80	A
Stone Fruit	1.54	4	22.00	A
Strawberry	0.02	1	0.25	A
Tomato	159.66	28	1,026.74	A
Tomato, Processing	66.33	4	534.80	A
Vegetable	0.02	1	0.25	A
Vegetables, Leafy	14.33	2	109.00	A
Walnut	106.07	13	1,200.00	A
Chemical Total	6,155.26	1,185		
PYRAFLUFEN-ETHYL				
Alfalfa	0.24	4	114.00	A
Almond	43.36	199	9,731.64	A
Apricot	0.10	1	18.00	A
Corn (Forage - Fodder)	4.30	24	1,415.04	A
Corn, Human Consumption	0.28	2	84.00	A
Cotton	150.40	952	44,339.19	A
Fig	1.92	4	360.01	A
Grape, Wine	4.71	22	976.24	A
Landscape Maintenance	< 0.01			
N-Outdr Plants In Containers	0.04	1	10.00	A
Oat (Forage - Fodder)	0.10	1	78.00	A
Olive	0.07	2	20.18	A
Peach	0.45	7	136.80	A
Pistachio	2.01	18	395.61	A
Prune	0.40	2	109.20	A
Rights Of Way	< 0.01	1	5.00	A
Sweet Potato	0.16	2	48.00	A
Tomato, Processing	0.81	7	362.10	A
Walnut	1.34	12	309.44	A
Wheat	0.41	7	296.02	A
Wheat (Forage - Fodder)	13.26	102	6,432.95	A
Chemical Total	224.37	1,370		
PYRETHRINS				
Alfalfa	< 0.01	3	0.06	A
Animal Premise	0.08		11.00	U
Basil, Sweet	9.05	6	320.00	A
Chicory	1.58	1	47.00	A
Cotton	< 0.01	2	0.02	A
Landscape Maintenance	3.40			
N-Grnhs Plants In Containers	0.07	21	61,500.00	S
N-Outdr Transplants	0.27	3	8.64	A
Public Health	132.09			
Radicchio	37.98	29	1,170.75	A
Regulatory Pest Control	0.01			
Rights Of Way	2.79			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Squash	12.28	6	257.00	A
Structural Pest Control	20.39			
Tomato	5.04	2	187.50	A
Tomato, Processing	2.95	2	99.30	A
Vegetable	0.28	5	8.00	A
Chemical Total	228.27	80		
PYRIMETHANIL				
Almond	4,550.49	388	18,110.08	A
Apricot	13.65	1	50.00	A
Peach	356.51	63	1,251.21	A
Pistachio	1,050.75	23	3,028.00	A
Chemical Total	5,971.40	475		
PYRIFENOPROXIFEN				
Grape, Wine	< 0.01	2	0.04	A
Tomato	< 0.01	2	0.04	A
Chemical Total	< 0.01	4		
PYRIPROXYFEN				
Almond	386.75	219	16,126.22	A
Cherry	9.19	2	105.00	A
Cotton	43.56	12	648.00	A
Food Processing Plant	0.02		3.00	U
Peach	0.17	1	17.00	A
Pistachio	3.94	1	60.00	A
Regulatory Pest Control	0.02			
Structural Pest Control	6.72			
Walnut	90.14	23	963.55	A
Chemical Total	540.52	258		
PYRITHIOPAC-SODIUM				
Cotton	459.12	303	7,241.28	A
Chemical Total	459.12	303		
PYROXSULAM				
Triticale	1.17	3	89.00	A
Wheat	40.42	49	3,084.90	A
Wheat (Forage - Fodder)	71.77	105	5,509.41	A
Chemical Total	113.36	157		
QST 713 STRAIN OF DRIED BACILLUS SUBTILIS				
Almond	642.06	31	2,454.00	A
Prune	7.07	1	27.00	A
Radicchio	20.88	3	143.00	A
Vegetable	0.17	1	2.00	A
Chemical Total	670.18	36		
QUINCLORAC, DIMETHYLAMINE SALT				
N-Grnhs Flower	0.53		26,000.00	S

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	0.53			
QUINOXYFEN				
Apricot	11.19	2	100.00	A
Cherry	3.92	3	35.00	A
Grape	2.63	3	29.00	A
Grape, Wine	944.70	92	9,264.33	A
N-Outdr Transplants	5.67	12	62.29	A
Peach	65.35	29	593.00	A
Pepper, Fruiting	6.58	3	82.11	A
Chemical Total	1,040.05	144		
REYNOUTRIA SACHALINENSIS				
Almond	734.06	76	4,856.50	A
Basil, Sweet	7.07	3	48.90	A
Garlic	11.27	1	52.00	A
N-Outdr Transplants	97.19	14	233.70	A
Prune	11.70	2	54.00	A
Radicchio	49.09	10	338.00	A
Watermelon	62.18	12	573.90	A
Chemical Total	972.57	118		
RIMSULFURON				
Almond	878.67	497	22,320.29	A
Cherry	10.07	13	213.11	A
Corn (Forage - Fodder)	104.46	173	8,863.96	A
Corn, Human Consumption	4.79	9	417.34	A
Grape, Wine	81.77	38	2,606.21	A
Nectarine	0.53	2	8.50	A
Peach	10.04	17	207.70	A
Pistachio	55.59	36	949.65	A
Plum	0.19	1	3.00	A
Rights Of Way	45.55			
	24.00	11	429.00	A
Total Pounds On This Commodity	69.55			
Tomato	15.27	19	497.38	A
Tomato, Processing	196.30	210	9,586.02	A
Walnut	64.53	63	1,540.50	A
Chemical Total	1,491.75	1,089		
SAFLUFENACIL				
Alfalfa	415.95	182	10,361.83	A
Almond	2,222.27	1,091	56,655.78	A
Corn (Forage - Fodder)	54.18	6	1,216.00	A
Olive	1.42	1	32.50	A
Pistachio	403.33	173	9,966.25	A
Research Commodity	0.13			
Rights Of Way	29.58			
	9.02	7	220.00	A
Total Pounds On This Commodity	38.60			
Tomato	1.57	2	36.00	A
Uncultivated Ag	6.73	2	112.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Walnut	116.38	91	2,859.46	A
Wheat (Forage - Fodder)	3.51	3	79.19	A
Chemical Total	3,264.06	1,558		
SALICYLIC AND BENZOIC ESTERS OF PROPYLENE GLYCOL				
Corn (Forage - Fodder)	25.51	1	50.00	A
Rights Of Way	33.99	5	60.00	A
Chemical Total	59.50	6		
SETHOXYDIM				
Almond	2,925.46	235	12,139.45	A
Fig	37.45	6	216.00	A
Grape, Wine	37.45	6	142.14	A
Peach	51.80	8	118.30	A
Pistachio	604.64	41	3,042.29	A
Research Commodity	1.31			
Rights Of Way	3.36			
Walnut	69.27	10	322.04	A
Chemical Total	3,730.75	306		
SILICA AEROGEL				
Structural Pest Control	14.00			
Chemical Total	14.00			
SILICONE DEFOAMER				
Alfalfa	1.14	53	1,877.70	A
Almond	1.08	46	876.13	A
Bean, Dried	0.38	16	749.50	A
Broccoli	0.02	1	50.00	A
Cantaloupe	0.48	14	1,242.20	A
Corn (Forage - Fodder)	0.26	7	168.50	A
Cotton	3.19	185	6,271.88	A
Melon	0.03	8	86.70	A
Rights Of Way	0.30	5	60.00	A
Structural Pest Control	0.03			
Sudangrass	0.07	9	477.00	A
Tomato, Processing	1.86	31	2,311.10	A
Walnut	0.04	1	20.00	A
Chemical Total	8.88	376		
SILICA FILLED POLYDIMETHYLSILOXANE				
Corn (Forage - Fodder)	9.25	3	55.00	A
Rights Of Way	4.92	7	700.00	A
Chemical Total	14.17	10		
SIMAZINE				
Almond	4,464.13	91	5,778.79	A
Grape, Wine	65.33	2	72.59	A
Peach	4.00	1	8.00	A
Walnut	1,500.67	24	698.42	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	6,034.14	118		
SODIUM BROMIDE				
Structural Pest Control	54.76			
Water (Industrial)	4,613.72		10.00	U
	54.76		1.00	A
Total Pounds On This Commodity	4,668.48			
Chemical Total	4,723.24			
SODIUM CHLORATE				
Cotton	11,038.16	47	2,254.30	A
Chemical Total	11,038.16	47		
SODIUM DIISOCTYLSULFOSUCCINATE				
Alfalfa	7.94	59	2,505.40	A
Almond	12.60	70	2,436.73	A
Bean, Dried	0.27	2	72.00	A
Corn (Forage - Fodder)	20.88	156	8,095.35	A
Cotton	3.12	13	502.84	A
Fig	0.13	1	62.50	A
Grape, Wine	13.69	11	2,182.34	A
N-Outdr Transplants	0.38	6	35.55	A
Oat (Forage - Fodder)	0.95	19	691.00	A
Sudangrass	0.43	2	160.00	A
Tomato, Processing	2.00	3	373.20	A
Walnut	0.46	4	104.00	A
Wheat	0.03	2	30.00	A
Wheat (Forage - Fodder)	1.70	21	753.35	A
Chemical Total	64.59	369		
SODIUM HYDROXIDE				
Alfalfa	8.22	22	1,503.50	A
Almond	558.23	343	8,531.23	A
Cherry	153.50	73	1,285.25	A
Corn (Forage - Fodder)	41.30	30	910.04	A
Cotton	14.53	40	3,207.10	A
Forage Hay/Silage	0.74	1	18.00	A
Grape, Wine	148.65	36	1,736.34	A
Oat (Forage - Fodder)	4.20	2	135.00	A
Parsley	56.41	6	672.36	A
Peach	9.89	25	219.92	A
Pistachio	2.93	2	35.43	A
Rights Of Way	1.97	8	67.00	A
	0.83			
Total Pounds On This Commodity	2.79			
Walnut	101.63	58	1,474.23	A
Wheat	39.30	19	1,072.50	A
Wheat (Forage - Fodder)	22.10	11	1,071.00	A
Chemical Total	1,164.42	676		
SODIUM HYPOCHLORITE				

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Animal Premise	8,878.89		460.00	U
Ditch Bank	49,948.05		186.00	U
Food Processing Plant	3,942.17		9.00	U
Pepper, Spice	5.00		1,485.00	T
Structural Pest Control	37.73			
Tomato	7,243.35		28,014.00	T
Water (Industrial)	2,654.49		12.00	U
	37.73		1.00	A
Total Pounds On This Commodity	2,692.22			
Chemical Total	72,747.41			
SODIUM NITRATE				
Landscape Maintenance	29.31			
Vertebrate Control	108.04			
Chemical Total	137.35			
SODIUM POLYACRYLATE				
Alfalfa	6.40	54	3,234.74	A
Almond	40.24	156	12,384.34	A
Cantaloupe	1.55	4	289.00	A
Cherry	0.62	5	150.00	A
Corn (Forage - Fodder)	0.31	5	261.60	A
Cotton	2.86	47	2,213.00	A
Cotton (Forage - Fodder)	1.85	1	157.00	A
Landscape Maintenance	0.21			
Pistachio	3.25	65	1,323.37	A
Prune	0.51	3	214.67	A
Rights Of Way	0.67			
Tomato, Processing	1.19	15	1,011.80	A
Walnut	3.56	14	657.00	A
Wheat (Forage - Fodder)	0.54	4	456.00	A
Chemical Total	63.74	373		
SODIUM XYLENE SULFONATE				
Alfalfa	65.01	112	4,383.10	A
Almond	94.51	115	3,303.04	A
Bean, Dried	6.23	18	821.50	A
Broccoli	0.22	1	50.00	A
Cantaloupe	5.62	14	1,242.20	A
Corn (Forage - Fodder)	136.15	162	8,213.85	A
Cotton	57.87	198	6,774.72	A
Fig	0.87	1	62.50	A
Grape, Wine	89.00	11	2,182.34	A
Melon	0.33	8	86.70	A
N-Outdr Transplants	2.48	6	35.55	A
Oat (Forage - Fodder)	6.17	19	691.00	A
Structural Pest Control	0.35			
Sudangrass	3.60	11	637.00	A
Tomato, Processing	34.90	34	2,684.30	A
Walnut	3.45	5	124.00	A
Wheat	0.21	2	30.00	A
Wheat (Forage - Fodder)	11.06	21	753.35	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	518.03	738		
SORBITAN FATTY ACID ESTERS				
Water Area	1.02		12.30	A
Chemical Total	1.02			
SORBITAN TRIOLEATE				
Alfalfa	126.80	28	1,748.80	A
Almond	780.32	176	9,415.60	A
Citrus	0.07	1	0.48	A
Corn (Forage - Fodder)	18.61	9	334.00	A
Cotton	30.20	8	651.80	A
Fig	32.32	5	357.00	A
Garlic	3.34	1	80.00	A
Grape, Wine	71.17	9	438.24	A
Pistachio	103.92	31	1,137.44	A
Radicchio	123.99	8	892.20	A
Rights Of Way	11.12	8	146.67	A
Tomato	3.97	1	142.40	A
Uncultivated Ag	2.79	1	50.00	A
Walnut	59.21	17	606.48	A
Chemical Total	1,367.83	303		
SORBITOL				
Almond	42.01	27	1,337.20	A
Walnut	0.78	1	11.50	A
Chemical Total	42.80	28		
SOYBEAN OIL				
Almond	117.34	12	494.36	A
Chemical Total	117.34	12		
SPINETORAM				
Almond	1,159.85	326	18,635.57	A
Apricot	0.07	2	1.30	A
Basil, Sweet	16.53	5	287.40	A
Broccoli	7.61	2	140.00	A
Cantaloupe	1.38	1	68.00	A
Cherry	7.82	3	100.00	A
Chicory	15.74	6	335.00	A
Corn, Human Consumption	7.21	1	50.20	A
Cotton	64.71	26	1,366.05	A
Grape, Wine	21.64	3	680.00	A
N-Outdr Plants In Containers	37.75	12	441.00	A
Peach	21.00	11	217.20	A
Pepper, Fruiting	59.26	41	1,108.30	A
Pistachio	260.92	37	3,770.91	A
Pluot	0.25	1	5.00	A
Radicchio	76.62	20	1,629.70	A
Tomato	283.38	126	5,984.03	A
Tomato, Processing	72.11	40	1,756.04	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Vegetables, Leafy	5.12	2	109.00	A
Walnut	94.26	50	1,641.10	A
Watermelon	10.55	4	174.50	A
Chemical Total	2,223.78	719		
SPINOSAD				
Almond	140.37	36	2,533.50	A
Animal Premise	32.15		23.00	U
Basil, Sweet	28.37	6	292.60	A
Cantaloupe	3.91	2	50.57	A
Cherry	28.11	16	292.00	A
Cilantro	0.46	1	5.00	A
Garlic	14.98	2	132.00	A
Melon	3.22	4	41.99	A
N-Outdr Plants In Containers	42.37	13	440.00	A
N-Outdr Transplants	0.01	1	0.50	A
Peach	2.35	3	35.80	A
Pepper, Fruiting	2.27	1	19.00	A
Prune	1.68	1	27.00	A
Public Health	154.01			
Radicchio	62.08	17	667.75	A
Stone Fruit	0.20	1	3.00	A
Structural Pest Control	0.01			
Tomato, Processing	39.56	6	429.00	A
Walnut	0.03	25	416.00	A
Watermelon	2.82	2	36.71	A
Chemical Total	558.96	137		
SPIRODICLOFEN				
Almond	1,097.84	44	2,201.80	A
Peach	30.01	7	118.00	A
Chemical Total	1,127.86	51		
SPIROMESIFEN				
Corn (Forage - Fodder)	5,938.33	525	23,719.83	A
Corn, Human Consumption	23.95	6	105.00	A
Cotton	14.48	1	57.00	A
N-Outdr Transplants	3.90	1	18.00	A
Rights Of Way	0.24	2	3.00	A
Chemical Total	5,980.90	535		
SPIROTETRAMAT				
Almond	696.57	147	5,697.46	A
Grape	3.55	2	36.00	A
Grape, Wine	881.57	79	7,661.04	A
Kale	0.62	1	10.00	A
Peach	12.08	8	130.00	A
Pepper, Fruiting	< 0.01	1	0.01	A
Pistachio	93.48	11	908.00	A
Sweet Potato	15.26	6	194.00	A
Tomato, Processing	1.73	1	22.00	A
Walnut	67.44	12	492.50	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	1,772.30	268		
STREPTOMYCES LYDICUS WYEC 108				
N-Outdr Plants In Containers	< 0.01	3	2.40	A
Chemical Total	< 0.01	3		
STREPTOMYCIN SULFATE				
Apple	7.14	2	15.00	A
N-Grnhs Transplants	33.36	21	172.70	A
Chemical Total	40.50	23		
STRYCHNINE				
Almond	7.30	30	1,084.20	A
Landscape Maintenance	0.58			
Sweet Potato	0.19	1	15.00	A
Walnut	0.08	1	8.00	A
Chemical Total	8.15	32		
STYRENE BUTADIENE COPOLYMER				
Grape, Wine	0.13	1	3.70	A
Chemical Total	0.13	1		
SUGAR				
Rights Of Way	3.65			
Chemical Total	3.65			
SULFENTRAZONE				
Grape, Wine	53.25	3	287.20	A
Landscape Maintenance	10.46			
N-Grnhs Flower	0.01		26,000.00	S
Pistachio	7.44	1	20.00	A
Rights Of Way	0.46			
Chemical Total	71.62	4		
SULFOMETURON-METHYL				
Landscape Maintenance	8.14			
Rights Of Way	28.25			
	0.19	2	2.00	A
Total Pounds On This Commodity	28.44			
Chemical Total	36.58	2		
SULFOXAFLOR				
Cotton	319.45	103	4,571.86	A
Chemical Total	319.45	103		
SULFUR				
Almond	41,111.54	143	6,245.87	A
Asparagus	686.00	1	35.00	A
Carrot	4,951.63	50	2,192.90	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cherry	192.00	2	40.00	A
Corn (Forage - Fodder)	1,920.00	3	240.00	A
Corn, Human Consumption	1,680.00	3	210.00	A
Grape	1,401.82	17	149.00	A
Grape, Wine	608,680.22	675	69,190.09	A
Landscape Maintenance	22.28			
N-Outdr Plants In Containers	1,587.80	21	284.17	A
N-Outdr Transplants	27,580.37	272	7,282.70	A
Oat (Forage - Fodder)	2,557.80	1	87.00	A
Parsley	698.97	2	224.12	A
Peach	44,568.67	300	5,913.34	A
Pepper, Fruiting	1,252.44	2	63.90	A
Pistachio	7,304.00	13	1,022.00	A
Pomegranate	3,861.20	3	94.00	A
Squash	3,812.20	5	134.00	A
Stone Fruit	60.00	4	16.00	A
Tomato	169,758.37	124	7,294.92	A
Tomato, Processing	1,197,403.48	653	42,503.00	A
Chemical Total	2,121,090.80	2,294		
SULFURIC ACID				
Alfalfa	22.45	28	1,089.20	A
Almond	199.69	336	8,725.99	A
Apricot	1.03	2	45.00	A
Corn (Forage - Fodder)	30.45	33	2,488.75	A
Corn, Human Consumption	2.03	5	164.00	A
Cotton	15.12	33	1,593.88	A
Grape	0.27	2	12.00	A
Landscape Maintenance	0.62	4	28.00	A
Nectarine	0.19	2	8.50	A
Oat (Forage - Fodder)	0.66	1	30.00	A
Peach	6.02	28	259.90	A
Pepper, Fruiting	0.18	1	19.00	A
Pistachio	25.27	38	988.51	A
Plum	0.07	1	3.00	A
Rights Of Way	0.20			
Sweet Potato	3.17	8	236.25	A
Tomato	1.06	2	96.00	A
Walnut	1.96	6	77.08	A
Wheat	1.16	2	88.20	A
Chemical Total	311.58	532		
SULFURYL FLUORIDE				
Almond	1,109.78		351,676.00	C
Commodity Fumigation	10,684.09			
Fumigation, Other	17,822.87			
Structural Pest Control	7,562.48			
Chemical Total	37,179.22			
TALL OIL				
Alfalfa	61.60	14	552.90	A
Almond	161.63	34	1,617.93	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Cherry	124.62	20	608.00	A
Corn, Human Consumption	7.35	3	100.00	A
Cotton	61.95	17	1,199.00	A
Grape, Wine	465.67	37	4,480.00	A
Oat (Forage - Fodder)	9.58	2	122.50	A
Pepper, Fruiting	1.25	1	19.00	A
Pistachio	127.44	11	751.50	A
Rights Of Way	0.78			
	0.70	1	70.00	A
Total Pounds On This Commodity	1.48			
Structural Pest Control	4.24			
Sweet Potato	4.68	2	48.00	A
Tomato	13.61	2	174.00	A
Tomato, Processing	178.43	33	2,343.60	A
Walnut	37.02	7	823.00	A
Chemical Total	1,260.53	184		
TALL OIL FATTY ACIDS				
Alfalfa	2,281.34	285	16,651.43	A
Almond	3,144.65	1,020	41,326.71	A
Apricot	0.37	1	18.00	A
Bean, Dried	3.41	2	40.00	A
Cantaloupe	27.83	15	728.90	A
Carrot	7.52	4	213.80	A
Cherry	432.22	77	1,600.20	A
Corn (Forage - Fodder)	281.99	124	5,722.41	A
Corn, Human Consumption	140.33	25	1,009.20	A
Cotton	1,044.99	337	15,953.15	A
Fig	1.54	1	16.00	A
Forage Hay/Silage	10.47	14	608.00	A
Garlic	9.02	1	67.00	A
Grape, Wine	86.86	37	1,420.18	A
Landscape Maintenance	11.34			
N-Outdr Plants In Containers	404.93	129	2,649.00	A
Oat (Forage - Fodder)	363.14	67	3,352.63	A
Olive	5.57	8	187.09	A
Peach	7.91	27	325.83	A
Pepper, Fruiting	2.42	1	23.90	A
Pistachio	202.11	37	1,690.73	A
Prune	140.85	14	993.87	A
Radicchio	1.78	1	106.10	A
Rangeland	34.00	4	180.00	A
Rights Of Way	208.52			
	8.45	5	154.00	A
Total Pounds On This Commodity	216.97			
Structural Pest Control	1.69			
Sweet Potato	7.53	4	125.00	A
Tomato	14.95	11	861.92	A
Tomato, Processing	251.42	83	4,059.55	A
Uncultivated Ag	40.60	6	318.50	A
Uncultivated Non-Ag	0.22	1	9.00	A
Walnut	294.09	119	3,591.61	A
Watermelon	0.37	1	26.20	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Wheat	11.45	2	124.10	A
Wheat (Forage - Fodder)	178.43	44	2,437.19	A
Chemical Total	9,664.30	2,507		
TEBUCONAZOLE				
Almond	3,259.63	571	35,569.73	A
Cherry	151.45	25	681.00	A
Garlic	192.21	5	390.20	A
Grape, Wine	328.41	34	3,555.28	A
N-Grnhs Flower	23.54		23.90	A
	1.45		80,000.00	S
Total Pounds On This Commodity	24.99			
Peach	9.82	6	121.00	A
Pistachio	189.93	17	964.90	A
Walnut	16.61	5	162.50	A
Chemical Total	4,173.07	663		
TEBUTHIURON				
Rights Of Way	8.42			
Chemical Total	8.42			
TEMBOTRIONE				
Corn (Forage - Fodder)	271.99	81	3,422.66	A
Corn, Human Consumption	48.93	13	604.60	A
Chemical Total	320.92	94		
TEMEPHOS				
Public Health	1.50			
Chemical Total	1.50			
1080				
Rights Of Way	0.68			
Chemical Total	0.68			
TETRACONAZOLE				
Grape, Wine	0.90	6	22.05	A
N-Outdr Plants In Containers	2.80	5	68.79	A
N-Outdr Transplants	0.78	4	19.38	A
Chemical Total	4.48	15		
Z,E-9,12-TETRADECADIEN-1-YL ACETATE				
Structural Pest Control	0.38			
Chemical Total	0.38			
TETRAMETHRIN				
N-Outdr Plants In Containers	0.06	1	40.00	A
Structural Pest Control	< 0.01			
Chemical Total	0.07	1		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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-[PARA-(1,1,3,3-TETRAMETHYLBUTYL)PHENYL]-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	51.11	53	1,877.70	A
Almond	48.15	45	866.31	A
Bean, Dried	17.13	16	749.50	A
Broccoli	0.83	1	50.00	A
Cantaloupe	21.42	14	1,242.20	A
Corn (Forage - Fodder)	1.63	6	118.50	A
Cotton	185.79	189	6,648.88	A
Melon	1.27	8	86.70	A
Structural Pest Control	1.34			
Sudangrass	3.07	9	477.00	A
Tomato, Processing	83.36	31	2,311.10	A
Walnut	1.67	1	20.00	A
Chemical Total	416.76	373		
TETRAPOTASSIUM PYROPHOSPHATE				
Alfalfa	6.71	53	1,877.70	A
Almond	6.32	45	866.31	A
Bean, Dried	2.25	16	749.50	A
Broccoli	0.11	1	50.00	A
Cantaloupe	2.81	14	1,242.20	A
Corn (Forage - Fodder)	0.21	6	118.50	A
Cotton	18.78	185	6,271.88	A
Melon	0.17	8	86.70	A
Structural Pest Control	0.18			
Sudangrass	0.40	9	477.00	A
Tomato, Processing	10.94	31	2,311.10	A
Walnut	0.22	1	20.00	A
Chemical Total	49.09	369		
THIAMETHOXAM				
Animal Premise	16.72		9.00	U
Cantaloupe	21.01	4	246.25	A
Cotton	51.41	13	926.50	A
Grape, Wine	245.42	34	2,770.42	A
Lettuce, Head	4.48	3	78.25	A
Pepper, Fruiting	2.03	1	35.30	A
Structural Pest Control	0.23			
Tomato	125.44	40	2,190.90	A
Tomato, Processing	898.09	229	15,822.05	A
Chemical Total	1,364.84	324		
THIDIAZURON				
Cotton	2,573.47	1,313	60,204.83	A
Tomato, Processing	0.09	1	1.00	A
Chemical Total	2,573.56	1,314		
THIENCARBAZONE-METHYL				
Rights Of Way	0.07			
Chemical Total	0.07			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
THIOBENCARB				
Rice	1,584.98	4	453.50	A
Chemical Total	1,584.98	4		
THIOPHANATE-METHYL				
Almond	8,447.51	262	10,876.71	A
Cantaloupe	216.95	7	618.00	A
Grape, Wine	1,758.63	14	1,674.87	A
Landscape Maintenance	0.81			
N-Outdr Transplants	178.50	14	203.00	A
Peach	61.75	4	71.80	A
Chemical Total	10,664.15	301		
THIRAM				
N-Outdr Plants In Containers	728.44	20	221.32	A
N-Outdr Transplants	4,298.60	58	1,706.61	A
Onion, Dry	2.24		1,200.00	P
Chemical Total	5,029.28	78		
THYME				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
THYMOL				
Beehive	11.55		400.00	U
Chemical Total	11.55			
TRIBENURON-METHYL				
Barley	1.51	2	164.50	A
Corn (Forage - Fodder)	1.89	7	242.00	A
Cotton	1.12	1	143.00	A
Forage Hay/Silage	6.11	16	801.90	A
Oat	0.38	1	59.65	A
Oat (Forage - Fodder)	44.10	147	7,065.99	A
Rights Of Way	0.08	1	5.00	A
Triticale	2.80	5	309.00	A
Wheat	17.55	32	1,569.34	A
Wheat (Forage - Fodder)	105.18	222	10,773.33	A
Chemical Total	180.69	434		
TRICHLORO-S-TRIAZINETRIONE				
Landscape Maintenance	49.50			
Chemical Total	49.50			
TRICLOPYR, BUTOXYETHYL ESTER				
Landscape Maintenance	119.19			
Rangeland	0.65		0.88	A
Rights Of Way	68.11	3	41.50	A
	13.00			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	81.11			
Uncultivated Ag	62.19	1	5.50	A
Chemical Total	263.14	4		
TRICLOPYR CHOLINE				
Rights Of Way	13.95			
Chemical Total	13.95			
TRICLOPYR, TRIETHYLAMINE SALT				
Landscape Maintenance	8.48			
Pastureland	17.57	1	17.00	A
Rangeland	41.43	1	30.00	A
Rice	97.02	4	365.00	A
Rights Of Way	699.38			
	66.27	3	34.00	A
Total Pounds On This Commodity	765.66			
Structural Pest Control	35.84			
Water Area	319.00	1	50.00	A
Chemical Total	1,285.00	10		
ALPHA-TRIDECYL-OMEGA-HYDROXPOLY(OXYETHANOL) PHOSPHATE				
Alfalfa	59.14	93	4,783.40	A
Almond	1,876.46	258	20,128.08	A
Asparagus	0.42	3	40.00	A
Cantaloupe	0.76	2	152.57	A
Citrus	< 0.01	1	0.48	A
Corn (Forage - Fodder)	9.04	28	1,698.44	A
Corn, Human Consumption	0.43	2	80.60	A
Cotton	135.16	307	14,909.67	A
Fig	126.85	4	360.01	A
Garlic	1.15	2	163.70	A
Grape	1.13	9	200.00	A
Grape, Wine	0.79	2	75.72	A
Oat (Forage - Fodder)	2.66	2	253.00	A
Onion, Dry	0.92	2	130.60	A
Pepper, Fruiting	0.43	2	70.60	A
Persimmon	0.05	1	13.00	A
Pistachio	879.60	97	7,739.25	A
Prune	6.55	8	936.00	A
Rice	18.24	1	285.00	A
Rights Of Way	29.61			
	18.95	24	1,825.00	A
Total Pounds On This Commodity	48.56			
Safflower	0.55	1	105.00	A
Tomato	4.42	6	296.78	A
Tomato, Processing	19.00	50	3,328.87	A
Uncultivated Ag	5.44	6	603.00	A
Walnut	69.51	37	1,223.16	A
Watermelon	1.50	6	241.60	A
Wheat	0.45	2	127.30	A
Wheat (Forage - Fodder)	0.70	3	200.73	A
Chemical Total	3,269.91	959		

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
TRIETHANOLAMINE				
Alfalfa	18.20	64	2,327.60	A
Almond	94.20	82	2,596.78	A
Bean, Dried	5.73	16	749.50	A
Broccoli	0.28	1	50.00	A
Cantaloupe	7.17	14	1,242.20	A
Corn (Forage - Fodder)	0.55	6	118.50	A
Corn, Human Consumption	0.15	3	100.00	A
Cotton	49.19	202	7,470.88	A
Melon	0.42	8	86.70	A
Oat (Forage - Fodder)	0.20	2	122.50	A
Pepper, Fruiting	0.03	1	19.00	A
Pistachio	< 0.01	1	0.50	A
Rights Of Way	0.02			
Structural Pest Control	0.45			
Sudangrass	1.03	9	477.00	A
Sweet Potato	0.10	2	48.00	A
Tomato	0.29	2	174.00	A
Tomato, Processing	31.62	63	4,579.70	A
Walnut	1.98	2	31.50	A
Chemical Total	211.60	478		
TRIETHANOLAMINE OLEATE				
Alfalfa	0.60	4	68.00	A
Almond	34.83	97	1,965.17	A
Apricot	0.67	1	27.00	A
Corn (Forage - Fodder)	15.22	15	1,091.00	A
Cotton	4.67	26	562.88	A
Grape, Wine	570.64	275	20,445.46	A
Oat (Forage - Fodder)	2.00	5	193.00	A
Peach	5.19	54	322.97	A
Pistachio	1.95	3	120.00	A
Rights Of Way	3.31	1	100.00	A
Sweet Potato	3.52	7	258.00	A
Walnut	2.32	1	28.00	A
Wheat	2.85	5	157.20	A
Chemical Total	647.77	494		
TRIFLOXYSTROBIN				
Almond	4,928.69	704	52,854.27	A
Apple	0.61	1	7.50	A
Cherry	29.63	14	334.00	A
Grape, Wine	540.43	49	5,372.03	A
N-Outdr Plants In Containers	1.96	1	20.00	A
N-Outdr Transplants	6.23	5	50.25	A
Peach	25.71	11	249.00	A
Pepper, Fruiting	13.93	4	157.90	A
Pistachio	263.43	16	2,596.00	A
Tomato	4.58	4	56.06	A
Tomato, Processing	187.16	20	1,511.00	A
Walnut	12.53	3	118.00	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	6,014.89	832		
TRIFLUMIZOLE				
Grape, Wine	0.23	6	1.30	A
N-Outdr Plants In Containers	24.87	10	106.81	A
N-Outdr Transplants	87.95	30	359.48	A
Chemical Total	113.06	46		
TRIFLURALIN				
Alfalfa	8,406.20	83	4,201.80	A
Almond	676.01	22	521.30	A
Asparagus	563.36	7	503.00	A
Bean, Dried	288.92	12	545.00	A
Carrot	32.57	1	50.00	A
Chicory	402.50	9	402.50	A
Cotton	5,766.35	175	8,550.77	A
Endive (Escarole)	41.38	3	82.00	A
Grape, Wine	53.40	1	53.70	A
Landscape Maintenance	16.51			
Pepper, Fruiting	121.51	11	278.21	A
Safflower	167.49	2	167.00	A
Tomato	1,331.86	45	2,212.58	A
Tomato, Processing	9,839.92	245	15,677.59	A
Chemical Total	27,707.97	616		
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXPOLY (OXYETHYLENE)				
Alfalfa	4.32	1	67.00	A
Almond	163.26	25	1,464.91	A
Bean, Dried	1.29	2	40.00	A
Cherry	5.96	3	97.00	A
Corn (Forage - Fodder)	16.73	9	367.00	A
Cotton	13.05	5	230.00	A
Tomato	21.94	13	212.74	A
Tomato, Processing	9.92	7	96.07	A
Walnut	1.29	1	20.00	A
Chemical Total	237.76	66		
TRINEXAPAC-ETHYL				
Landscape Maintenance	0.22			
N-Grnhs Flower	31.17		380.82	A
	0.27		180,000.00	S
Total Pounds On This Commodity	31.44			
Chemical Total	31.66			
TRIPTOLIDE				
Structural Pest Control	< 0.01			
Chemical Total	< 0.01			
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)				
Alfalfa	2,244.74	435	29,960.84	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
Almond	7,864.95	1,048	38,391.75	A
Apricot	39.08	4	320.00	A
Asparagus	8.31	1	68.00	A
Bean, Dried	2.56	2	40.00	A
Broccoli	5.50	1	90.00	A
Cantaloupe	55.20	20	989.30	A
Cherry	440.72	68	1,087.20	A
Corn (Forage - Fodder)	2,403.84	369	19,406.07	A
Corn, Human Consumption	107.11	18	690.60	A
Cotton	2,146.60	536	22,835.88	A
Cotton (Forage - Fodder)	95.88	1	157.00	A
Grape, Wine	2.95	3	39.70	A
N-Outdr Transplants	13.79	2	36.00	A
Oat	4.96	1	65.00	A
Oat (Forage - Fodder)	868.00	44	3,198.91	A
Pastureland	1.83	1	30.00	A
Peach	139.17	90	1,256.39	A
Pepper, Fruiting	8.83	3	83.20	A
Pistachio	198.18	31	1,299.31	A
Prune	66.22	5	282.67	A
Rangeland	35.01	4	160.00	A
Rights Of Way	1,337.01			
	5.63	1	100.00	A
Total Pounds On This Commodity	1,342.65			
Sudangrass	4.47	1	43.00	A
Tomato	63.31	39	1,747.23	A
Tomato, Processing	977.49	190	11,141.90	A
Uncultivated Ag	28.01	2	87.00	A
Walnut	257.60	74	1,683.04	A
Watermelon	5.18	3	78.60	A
Wheat	9.01	1	80.00	A
Wheat (Forage - Fodder)	353.55	107	6,187.19	A
Chemical Total	19,794.71	3,105		
UNICONIZOLE-P				
N-Grnhs Transplants	0.06	9	105.43	A
Chemical Total	0.06	9		
UREA				
Alfalfa	319.92	16	912.60	A
Almond	4,798.05	148	12,701.59	A
Corn (Forage - Fodder)	28.81	1	105.00	A
Corn, Human Consumption	229.03	9	417.34	A
Cotton	33.11	17	966.89	A
Fig	466.40	6	680.01	A
Oat (Forage - Fodder)	146.36	12	372.90	A
Pepper, Fruiting	2.47	1	18.00	A
Pistachio	1,459.13	38	2,985.67	A
Rice	46.28	1	285.00	A
Walnut	400.47	22	716.40	A
Wheat	940.70	18	1,385.00	A
Wheat (Forage - Fodder)	1,012.40	43	2,338.40	A

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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	9,883.12	332		
UREA DIHYDROGEN SULFATE				
Alfalfa	23.16	91	4,695.96	A
Almond	49.55	170	9,485.03	A
Asparagus	0.25	3	40.00	A
Cantaloupe	0.45	2	152.57	A
Citrus	< 0.01	1	0.48	A
Corn (Forage - Fodder)	5.42	28	1,698.44	A
Corn, Human Consumption	0.26	2	80.60	A
Cotton	52,318.04	678	33,012.48	A
Garlic	0.69	2	163.70	A
Grape	0.68	9	200.00	A
Grape, Wine	0.48	2	75.72	A
Oat (Forage - Fodder)	1.60	2	253.00	A
Onion, Dry	0.55	2	130.60	A
Pepper, Fruiting	0.26	2	70.60	A
Persimmon	0.03	1	13.00	A
Pistachio	28.33	66	4,606.95	A
Prune	3.93	8	936.00	A
Rights Of Way	17.77			
	7.85	23	1,775.00	A
Total Pounds On This Commodity	25.62			
Safflower	0.33	1	105.00	A
Tomato	2.65	6	296.78	A
Tomato, Processing	11.40	50	3,328.87	A
Uncultivated Ag	3.26	6	603.00	A
Walnut	7.02	21	895.94	A
Watermelon	0.90	6	241.60	A
Wheat	0.27	2	127.30	A
Wheat (Forage - Fodder)	0.42	3	200.73	A
Chemical Total	52,485.55	1,187		
VANILLIN				
Rights Of Way	0.34			
Chemical Total	0.34			
VEGETABLE OIL				
Alfalfa	4,292.07	57	2,601.90	A
Almond	4,685.53	29	1,586.31	A
Cantaloupe	147.58	3	166.00	A
Corn (Forage - Fodder)	30.99	1	34.68	A
Cotton	14,400.82	222	11,253.97	A
Grape, Wine	309.39	1	145.00	A
Onion, Dry	494.31	6	228.00	A
Chemical Total	24,360.69	319		
4-VINYLCYCLOHEXENEDIPOXIDE				
Structural Pest Control	0.02			
Chemical Total	0.02			

Department of Pesticide Regulation
2018 Annual Pesticide Use Report Indexed by Chemical
Merced 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
VINYL POLYMER				
Alfalfa	0.31	2	35.60	A
Almond	27.21	56	4,057.99	A
Cantaloupe	1.11	4	289.00	A
Corn (Forage - Fodder)	0.24	2	27.47	A
Cotton	7.31	10	507.00	A
Oat (Forage - Fodder)	0.27	1	31.00	A
Sudangrass	0.70	1	80.00	A
Walnut	2.82	4	195.23	A
Chemical Total	39.96	80		
XANTHAN GUM				
Alfalfa	< 0.01	8	422.56	A
Almond	0.86	7	230.20	A
Corn, Human Consumption	< 0.01	2	84.00	A
Cotton	< 0.01	16	868.98	A
Tomato, Processing	0.09	30	2,418.00	A
Chemical Total	0.97	63		
ZINC PHOSPHIDE				
Almond	60.39	18	586.00	A
Landscape Maintenance	0.01			
Peach	8.04	9	134.00	A
Rights Of Way	3.00			
Structural Pest Control	24.88			
Vertebrate Control	61.04			
Chemical Total	157.37	27		
ZINC SULFATE				
Alfalfa	2.09	1	114.00	A
Almond	162.62	44	2,158.60	A
Apricot	0.08	2	1.30	A
Asparagus	5.49	4	365.00	A
Bean, Dried	11.06	3	147.00	A
Cherry	140.76	69	1,624.50	A
Cotton	16.96	36	1,448.45	A
Peach	0.08	2	1.20	A
Pistachio	218.11	26	2,899.66	A
Pluot	0.32	1	5.00	A
Tomato, Processing	220.85	90	6,622.34	A
Walnut	45.19	16	543.50	A
Chemical Total	823.61	294		
ZIRAM				
Almond	4,780.57	19	1,011.99	A
Peach	9,234.43	69	1,549.82	A
Chemical Total	14,015.00	88		
Merced County Total	9,451,786.10	113,167		