2024 Annual Statewide Pesticide Use Report Indexed by Chemical: Tuolumne County

Text files of data are available. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, N/A = Not Available. Area treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative area treated would equal three acres. Most nonagricultural pesticide use reports are not required to report area treated, so the area treated totals are predominantly agricultural pesticide uses. Application counts (Apps) include only agricultural pesticide uses. N-outdr = Outdoor nursery. N-grnhs = Greenhouse nursery. For more information, see Pesticide Use Annual Report Data Access, References, and Definitions Guide.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, 2-ethylhexyl ester	Landscape Maintenance	0.19	0	0.00	N/A
2,4-d, isooctyl ester	Industrial Waste Disposal Systems, Disposal Water	0.28	0	1,120.00	S
2,4-dp-p, 2-ethylhexyl ester	Landscape Maintenance	0.04	0	0.00	N/A
Abamectin	Structural Pest Control	< 0.01	0	0.00	N/A
Acephate	Structural Pest Control	0.06	0	0.00	N/A
Acetamiprid	Structural Pest Control	< 0.01	0	0.00	N/A
Acibenzolar-s-methyl	Landscape Maintenance	0.03	0	0.00	N/A
Aggregated adjuvant data	Forest, Timberland	5,197.44	321	8,249.78	A
Aggregated adjuvant data	Grape, Wine	4.46	9	34.00	A
Aggregated adjuvant data	Landscape Maintenance	496.33	0	0.00	N/A
Aggregated adjuvant data	Regulatory Pest Control	12.15	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Aggregated adjuvant data	Rights Of Way	264.22	18	592.62	A
Aggregated adjuvant data	Rights Of Way	260.66	0	0.00	N/A
Aggregated adjuvant data	Uncultivated Non-Ag	7.89	0	27.05	A
Aggregated adjuvant data	Water Area	0.45	0	1.00	A
Alkyl (c8,c10) polyglucoside	Landscape Maintenance	126.85	0	0.00	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, Timberland	1,254.12	176	3,465.43	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape Maintenance	144.21	0	0.00	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights Of Way	134.28	0	0.00	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated Non-Ag	3.54	0	24.45	A
Alpha-cypermethrin	Structural Pest Control	40.43	0	0.00	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape Maintenance	250.37	0	0.00	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Uncultivated Non-Ag	5.12	0	25.05	A
Aminocyclopyrachlor, potassium salt	Rights Of Way	< 0.01	0	0.00	N/A
Aminocyclopyrachlor, potassium salt	Uncultivated Non-Ag	3.12	0	21.00	A
Aminopyralid, triisopropanolamine salt	Forest, Timberland	97.98	29	652.25	A
Aminopyralid, triisopropanolamine salt	Landscape Maintenance	86.69	0	0.00	N/A
Aminopyralid, triisopropanolamine salt	Oat (Forage - Fodder)	0.72	1	4.00	A
Aminopyralid, triisopropanolamine salt	Pastureland	3.04	10	42.36	A
Aminopyralid, triisopropanolamine salt	Rangeland	4.85	8	136.25	A
Aminopyralid, triisopropanolamine salt	Rangeland	2.89	3	162.00	U
Aminopyralid, triisopropanolamine salt	Regulatory Pest Control	0.29	0	0.00	N/A
Aminopyralid, triisopropanolamine salt	Rights Of Way	99.45	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Ammonium sulfate	Landscape Maintenance	105.35	0	0.00	N/A
Ammonium sulfate	Rights Of Way	19.16	0	0.00	N/A
Azoxystrobin	Golf Course Turf	3.00	0	6.00	A
Bacillus altitudinis strain: qst 2808	Grape, Wine	0.30	1	2.50	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	Landscape Maintenance	0.64	0	0.00	N/A
Beauveria bassiana strain: gha	Structural Pest Control	0.04	0	0.00	N/A
Beta-cyfluthrin	Structural Pest Control	0.18	0	0.00	N/A
Bifenthrin	Landscape Maintenance	7.09	0	0.00	N/A
Bifenthrin	Structural Pest Control	361.37	0	0.00	N/A
Boric acid	Landscape Maintenance	3.79	0	0.00	N/A
Boric acid	Rights Of Way	0.11	0	0.00	N/A
Boric acid	Structural Pest Control	4.40	0	0.00	N/A
Boscalid	Grape, Wine	0.25	1	2.00	A
Brodifacoum	Animal Premise	< 0.01	2	25.00	A
Bromadiolone	Animal Premise	< 0.01	4	47.00	A
Bromadiolone	Structural Pest Control	< 0.01	0	0.00	N/A
Bromethalin	Landscape Maintenance	< 0.01	0	0.00	N/A
Bromethalin	Structural Pest Control	0.10	0	0.00	N/A
Carfentrazone-ethyl	Golf Course Turf	0.82	0	18.00	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Carfentrazone-ethyl	Landscape Maintenance	0.48	0	0.00	N/A
Chlorantraniliprole	Golf Course Turf	0.83	0	9.00	A
Chlorantraniliprole	Structural Pest Control	< 0.01	0	0.00	N/A
Chlorfenapyr	Structural Pest Control	0.65	0	0.00	N/A
Chlorophacinone	Landscape Maintenance	< 0.01	0	0.00	N/A
Chlorophacinone	Structural Pest Control	< 0.01	0	0.00	N/A
Chlorothalonil	Golf Course Turf	89.81	0	18.00	A
Chlorothalonil	Landscape Maintenance	167.50	0	0.00	N/A
Chlorsulfuron	Landscape Maintenance	18.91	0	0.00	N/A
Chlorsulfuron	Rights Of Way	3.04	0	0.00	N/A
Chlorsulfuron	Uncultivated Non-Ag	1.09	0	21.00	A
Cholecalciferol	Animal Premise	< 0.01	1	10.00	A
Cholecalciferol	Structural Pest Control	0.25	0	0.00	N/A
Citric acid	Grape, Wine	0.34	2	18.00	A
Clopyralid, monoethanolamine salt	Forest, Timberland	23.79	1	77.00	A
Clopyralid, monoethanolamine salt	Landscape Maintenance	0.15	0	0.00	N/A
Clopyralid, monoethanolamine salt	Regulatory Pest Control	0.14	0	0.00	N/A
Clopyralid, monoethanolamine salt	Rights Of Way	3.52	1	14.23	A
Clopyralid, monoethanolamine salt	Rights Of Way	42.93	0	0.00	N/A
Clopyralid,triethylamine salt	Golf Course Turf	7.01	0	24.00	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Clothianidin	Landscape Maintenance	0.01	0	0.00	N/A
Clothianidin	Structural Pest Control	0.38	0	0.00	N/A
Copper diammonium diacetate complex	Landscape Maintenance	3.94	0	0.00	N/A
Copper ethanolamine complexes, mixed	Landscape Maintenance	6.34	0	0.00	N/A
Copper ethanolamine complexes, mixed	Water Area	82.51	0	15.68	A
Copper ethylenediamine complex	Water Area	33.54	0	11.00	A
Copper hydroxide	Rights Of Way	147.04	0	0.00	N/A
Copper sulfate (pentahydrate)	Water Area	111.07	0	13.07	A
Copper triethanolamine complex	Water Area	37.86	0	11.00	A
Cyantraniliprole	Structural Pest Control	0.01	0	0.00	N/A
Cyfluthrin	Structural Pest Control	0.28	0	0.00	N/A
Cypermethrin	Structural Pest Control	1.02	0	0.00	N/A
Deltamethrin	Landscape Maintenance	0.05	0	0.00	N/A
Deltamethrin	Structural Pest Control	103.78	0	0.00	N/A
Diatomaceous earth	Structural Pest Control	0.46	0	0.00	N/A
Dicamba	Landscape Maintenance	0.01	0	0.00	N/A
Diethylene glycol	Landscape Maintenance	8.14	0	0.00	N/A
Difethialone	Animal Premise	< 0.01	7	75.00	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Dimethylpolysiloxane	Landscape Maintenance	0.11	0	0.00	N/A
Dimethylpolysiloxane	Rights Of Way	0.32	0	0.00	N/A
Dimethylpolysiloxane	Uncultivated Non-Ag	0.02	0	15.25	A
Dinotefuran	Structural Pest Control	103.25	0	0.00	N/A
Diphacinone	Landscape Maintenance	< 0.01	0	0.00	N/A
Diphacinone	Structural Pest Control	< 0.01	0	0.00	N/A
Diquat dibromide	Landscape Maintenance	2.10	0	0.00	N/A
Diquat dibromide	Public Health	0.09	0	0.00	N/A
Disodium octaborate anhydrous	Rights Of Way	451.30	0	0.00	N/A
Disodium octaborate tetrahydrate	Buildings/Non-Ag Outdoor	< 0.01	0	4.00	U
Disodium octaborate tetrahydrate	Rights Of Way	17.78	0	0.00	N/A
Disodium octaborate tetrahydrate	Structural Pest Control	20.72	0	0.00	N/A
Dithiopyr	Golf Course Turf	52.98	0	48.00	A
Dithiopyr	Landscape Maintenance	283.79	0	0.00	N/A
Dithiopyr	Rights Of Way	211.49	0	0.00	N/A
Dithiopyr	Uncultivated Non-Ag	0.78	0	9.20	A
Diuron	Landscape Maintenance	211.43	0	0.00	N/A
Emamectin benzoate	Landscape Maintenance	0.01	0	0.00	N/A
Esfenvalerate	Structural Pest Control	13.32	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Etofenprox	Structural Pest Control	< 0.01	0	0.00	N/A
Fipronil	Landscape Maintenance	0.70	0	0.00	N/A
Fipronil	Structural Pest Control	31.48	0	0.00	N/A
Fluazinam	Landscape Maintenance	1.93	0	0.00	N/A
Fludioxonil	Landscape Maintenance	1.95	0	0.00	N/A
Flumioxazin	Landscape Maintenance	38.18	0	0.00	N/A
Flumioxazin	Rights Of Way	2.04	0	0.00	N/A
Fluridone	Water Area	0.25	0	0.30	A
Fluroxypyr, 1-methylheptyl ester	Landscape Maintenance	8.01	0	0.00	N/A
Flutriafol	Grape, Wine	0.29	2	4.50	A
Formic acid	Beehive	12.11	1	3.00	A
Formic acid	Beehive	12.64	5	41.00	U
Gamma-cyhalothrin	Structural Pest Control	0.31	0	0.00	N/A
Glufosinate-ammonium	Landscape Maintenance	561.40	0	0.00	N/A
Glufosinate-ammonium	Rights Of Way	13.29	0	0.00	N/A
Glufosinate-ammonium	Structural Pest Control	0.13	0	0.00	N/A
Glycerol	Landscape Maintenance	53.65	0	0.00	N/A
Glyphosate, diammonium salt	Forest, Timberland	12,482.99	166	3,211.28	A
Glyphosate, diammonium salt	Rights Of Way	81.08	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, dimethylamine salt	Forest, Timberland	2,783.30	32	992.32	A
Glyphosate, dimethylamine salt	Rights Of Way	5.12	0	0.00	N/A
Glyphosate, isopropylamine salt	Forest, Timberland	8,929.79	79	2,967.90	A
Glyphosate, isopropylamine salt	Grape, Wine	23.49	3	9.00	A
Glyphosate, isopropylamine salt	Landscape Maintenance	2,681.27	0	0.00	N/A
Glyphosate, isopropylamine salt	N-Outdr Plants In Containers	0.60	2	4.00	A
Glyphosate, isopropylamine salt	Pastureland	0.37	1	0.01	A
Glyphosate, isopropylamine salt	Rangeland	0.13	1	2.00	A
Glyphosate, isopropylamine salt	Regulatory Pest Control	10.21	0	0.00	N/A
Glyphosate, isopropylamine salt	Rights Of Way	1,671.49	18	592.62	A
Glyphosate, isopropylamine salt	Rights Of Way	1,246.50	0	0.00	N/A
Glyphosate, isopropylamine salt	Structural Pest Control	0.39	0	0.00	N/A
Glyphosate, isopropylamine salt	Uncultivated Non-Ag	7.46	0	25.05	A
Glyphosate, isopropylamine salt	Water Area	0.84	0	0.30	A
Glyphosate, monoammonium salt	Landscape Maintenance	9.67	0	0.00	N/A
Glyphosate, potassium salt	Grape, Wine	11.03	1	9.00	A
Glyphosate, potassium salt	Landscape Maintenance	450.92	0	0.00	N/A
Glyphosate, potassium salt	Rights Of Way	981.62	0	0.00	N/A
Halosulfuron-methyl	Landscape Maintenance	0.03	0	0.00	N/A
Hexazinone	Forest, Timberland	581.35	26	651.90	A
Hydramethylnon	Structural Pest Control	0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Hydroprene	Landscape Maintenance	0.02	0	0.00	N/A
Hydroprene	Structural Pest Control	0.53	0	0.00	N/A
Imazamox, ammonium salt	Landscape Maintenance	< 0.01	0	0.00	N/A
Imazamox, ammonium salt	Water Area	0.53	0	0.30	A
Imazapyr, isopropylamine salt	Forest, Timberland	476.79	36	989.90	A
Imazapyr, isopropylamine salt	Landscape Maintenance	14.07	0	0.00	N/A
Imazapyr, isopropylamine salt	N-Outdr Plants In Containers	0.01	2	4.00	A
Imazapyr, isopropylamine salt	Regulatory Pest Control	2.68	0	0.00	N/A
Imazapyr, isopropylamine salt	Rights Of Way	26.41	0	0.00	N/A
Imidacloprid	Golf Course Turf	19.60	0	51.00	A
Imidacloprid	Grape, Wine	0.38	2	12.00	A
Imidacloprid	Landscape Maintenance	0.47	0	0.00	N/A
Imidacloprid	Structural Pest Control	75.50	0	0.00	N/A
Indaziflam	Forest, Timberland	59.38	26	651.90	A
Indaziflam	Grape, Wine	0.13	1	2.00	A
Indaziflam	Landscape Maintenance	16.18	0	0.00	N/A
Indaziflam	Rights Of Way	35.29	0	0.00	N/A
Indaziflam	Uncultivated Non-Ag	1.19	0	21.00	A
Indoxacarb	Landscape Maintenance	0.57	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Indoxacarb	Structural Pest Control	0.04	0	0.00	N/A
Iprodione	Landscape Maintenance	7.63	0	0.00	N/A
Iron phosphate	Landscape Maintenance	0.26	0	0.00	N/A
Iron phosphate	Structural Pest Control	< 0.01	0	0.00	N/A
Isopropyl alcohol	Landscape Maintenance	1.49	0	0.00	N/A
Isoxaben	Landscape Maintenance	20.64	0	0.00	N/A
Isoxaben	Rights Of Way	4.50	0	0.00	N/A
Isoxaben	Uncultivated Non-Ag	2.30	0	11.20	A
Kaolin	Grape, Wine	95.00	2	8.00	A
Kresoxim-methyl	Grape, Wine	0.47	1	6.00	A
Lambda-cyhalothrin	Structural Pest Control	2.27	0	0.00	N/A
Mecoprop-p	Landscape Maintenance	0.03	0	0.00	N/A
Mefentrifluconazole	Landscape Maintenance	2.51	0	0.00	N/A
Metam-sodium	Rights Of Way	921.25	0	0.00	N/A
Methylated soybean oil	Forest, Timberland	7,415.33	228	4,694.45	A
Methylated soybean oil	Landscape Maintenance	937.64	0	0.00	N/A
Methylated soybean oil	Rights Of Way	319.52	0	0.00	N/A
Methylated soybean oil	Uncultivated Non-Ag	2.81	0	21.00	A
Metofluthrin	Structural Pest Control	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Mineral oil	Grape	21.55	6	1.07	A
Mineral oil	Grape, Wine	7.22	4	8.50	A
Mineral oil	Landscape Maintenance	102.47	0	0.00	N/A
Mineral oil	Structural Pest Control	7.25	0	0.00	N/A
Muscalure	Structural Pest Control	< 0.01	0	0.00	N/A
N-octyl bicycloheptene dicarboximide	Structural Pest Control	0.55	0	0.00	N/A
Novaluron	Structural Pest Control	0.24	0	0.00	N/A
Noviflumuron	Structural Pest Control	< 0.01	0	0.00	N/A
Oleic acid, ethyl ester	Forest, Timberland	1,286.10	70	2,928.53	A
Oleic acid, ethyl ester	Rights Of Way	1,056.86	18	592.62	A
Oleic acid, ethyl ester	Rights Of Way	230.53	0	0.00	N/A
Oxyfluorfen	Forest, Timberland	689.87	12	465.40	A
Oxyfluorfen	Landscape Maintenance	19.49	0	0.00	N/A
Oxyfluorfen	Rights Of Way	125.78	0	0.00	N/A
Pendimethalin	Grape, Wine	3.79	1	9.00	A
Pendimethalin	Landscape Maintenance	57.27	0	0.00	N/A
Pendimethalin	Rights Of Way	342.80	0	0.00	N/A
Penoxsulam	Forest, Timberland	14.55	12	465.40	A
Penoxsulam	Landscape Maintenance	0.41	0	0.00	N/A
Penoxsulam	Rights Of Way	5.42	0	0.00	N/A
Penthiopyrad	Golf Course Turf	4.12	0	6.00	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Penthiopyrad	Landscape Maintenance	4.41	0	0.00	N/A
Permethrin	Landscape Maintenance	33.47	0	0.00	N/A
Permethrin	Structural Pest Control	247.92	0	0.00	N/A
Phenothrin	Structural Pest Control	0.04	0	0.00	N/A
Piperonyl butoxide	Structural Pest Control	22.45	0	0.00	N/A
Piperonyl butoxide, other related	Structural Pest Control	0.05	0	0.00	N/A
Potassium phosphite	Grape, Wine	8.69	1	2.50	A
Potassium phosphite	Landscape Maintenance	701.12	0	0.00	N/A
Prallethrin	Buildings/Non-Ag Outdoor	< 0.01	0	10.00	U
Prallethrin	Structural Pest Control	3.50	0	0.00	N/A
Prodiamine	Landscape Maintenance	9.65	0	0.00	N/A
Propylene glycol	Landscape Maintenance	1.04	0	0.00	N/A
Propylene glycol	Rights Of Way	48.41	0	0.00	N/A
Pyraclostrobin	Grape, Wine	0.13	1	2.00	A
Pyrethrins	Structural Pest Control	6.56	0	0.00	N/A
Pyriproxyfen	Structural Pest Control	0.98	0	0.00	N/A
Quinoxyfen	Grape, Wine	0.38	2	8.50	A
Rimsulfuron	Grape, Wine	0.19	1	9.00	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Rimsulfuron	Landscape Maintenance	351.53	0	0.00	N/A
Rimsulfuron	Regulatory Pest Control	0.25	0	0.00	N/A
Rimsulfuron	Rights Of Way	7.65	0	0.00	N/A
Rimsulfuron	Uncultivated Non-Ag	0.16	0	13.80	A
S-methoprene	Landscape Maintenance	< 0.01	0	0.00	N/A
S-methoprene	Structural Pest Control	0.03	0	0.00	N/A
Silica gel	Structural Pest Control	0.44	0	0.00	N/A
Sodium tetraborate decahydrate	Forest, Timberland	671.30	36	675.31	A
Sodium tetraborate decahydrate	Grape, Wine	3.91	1	2.50	A
Sodium tetraborate decahydrate	Rights Of Way	2,062.36	0	0.00	N/A
Sodium tetraborate decahydrate	Structural Pest Control	0.47	0	0.00	N/A
Strychnine	Landscape Maintenance	0.04	0	0.00	N/A
Sulfentrazone	Landscape Maintenance	4.92	0	0.00	N/A
Sulfentrazone	Rights Of Way	5.18	0	0.00	N/A
Sulfometuron-methyl	Landscape Maintenance	66.04	0	0.00	N/A
Sulfometuron-methyl	Rights Of Way	8.49	0	0.00	N/A
Sulfur	Grape, Wine	38.40	5	15.00	A
Sulfuryl fluoride	Structural Pest Control	153.69	0	0.00	N/A
Tall oil fatty acids	Landscape Maintenance	1.04	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Tall oil fatty acids	Rights Of Way	43.37	0	0.00	N/A
Tebuconazole	Golf Course Turf	8.07	0	6.00	A
Tebuconazole	Grape, Wine	0.56	2	5.00	A
Tebuconazole	Landscape Maintenance	0.74	0	0.00	N/A
Tetramethrin	Structural Pest Control	< 0.01	0	0.00	N/A
Thiamethoxam	Structural Pest Control	< 0.01	0	0.00	N/A
Thiophanate-methyl	Landscape Maintenance	2.49	0	0.00	N/A
Triclopyr choline	Forest, Timberland	159.03	17	249.00	A
Triclopyr choline	Landscape Maintenance	20.62	0	0.00	N/A
Triclopyr choline	Uncultivated Non-Ag	1.91	0	6.05	A
Triclopyr, butoxyethyl ester	Landscape Maintenance	222.60	0	0.00	N/A
Triclopyr, butoxyethyl ester	Rangeland	2.62	4	5.00	A
Triclopyr, butoxyethyl ester	Rights Of Way	29.60	0	0.00	N/A
Triclopyr, triethylamine salt	Forest, Timberland	10.75	2	14.90	A
Triclopyr, triethylamine salt	Golf Course Turf	19.12	0	24.00	A
Triclopyr, triethylamine salt	Landscape Maintenance	265.26	0	0.00	N/A
Triclopyr, triethylamine salt	Rights Of Way	216.51	0	0.00	N/A
Trifluralin	Landscape Maintenance	8.02	0	0.00	N/A
Trinexapac-ethyl	Golf Course Turf	0.43	0	18.00	A
Zeta-cypermethrin	Structural Pest Control	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Zinc phosphide	Landscape Maintenance	0.05	0	0.00	N/A
Zinc phosphide	Structural Pest Control	< 0.01	0	0.00	N/A