2024 Annual Statewide Pesticide Use Report Indexed by Commodity: 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.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Animal Premise	Brodifacoum	< 0.01	2	25.00	A
Animal Premise	Bromadiolone	< 0.01	4	47.00	A
Animal Premise	Cholecalciferol	< 0.01	1	10.00	A
Animal Premise	Difethialone	< 0.01	7	75.00	A
Beehive	Formic acid	12.11	1	3.00	A
Beehive	Formic acid	12.64	5	41.00	U
Buildings/Non-Ag Outdoor	Disodium octaborate tetrahydrate	< 0.01	0	4.00	U
Buildings/Non-Ag Outdoor	Prallethrin	< 0.01	0	10.00	U
Forest, Timberland	Aggregated adjuvant data	5,197.44	321	8,249.78	A
Forest, Timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,254.12	176	3,465.43	A
Forest, Timberland	Aminopyralid, triisopropanolamine salt	97.98	29	652.25	A
Forest, Timberland	Clopyralid, monoethanolamine salt	23.79	1	77.00	A
Forest, Timberland	Glyphosate, diammonium salt	12,482.99	166	3,211.28	A
Forest, Timberland	Glyphosate, dimethylamine salt	2,783.30	32	992.32	A
Forest, Timberland	Glyphosate, isopropylamine salt	8,929.79	79	2,967.90	A
Forest, Timberland	Hexazinone	581.35	26	651.90	A
Forest, Timberland	Imazapyr, isopropylamine salt	476.79	36	989.90	A
Forest, Timberland	Indaziflam	59.38	26	651.90	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, Timberland	Methylated soybean oil	7,415.33	228	4,694.45	A
Forest, Timberland	Oleic acid, ethyl ester	1,286.10	70	2,928.53	A
Forest, Timberland	Oxyfluorfen	689.87	12	465.40	A
Forest, Timberland	Penoxsulam	14.55	12	465.40	A
Forest, Timberland	Sodium tetraborate decahydrate	671.30	36	675.31	A
Forest, Timberland	Triclopyr choline	159.03	17	249.00	A
Forest, Timberland	Triclopyr, triethylamine salt	10.75	2	14.90	A
Golf Course Turf	Azoxystrobin	3.00	0	6.00	A
Golf Course Turf	Carfentrazone-ethyl	0.82	0	18.00	A
Golf Course Turf	Chlorantraniliprole	0.83	0	9.00	A
Golf Course Turf	Chlorothalonil	89.81	0	18.00	A
Golf Course Turf	Clopyralid,triethylamine salt	7.01	0	24.00	A
Golf Course Turf	Dithiopyr	52.98	0	48.00	A
Golf Course Turf	Imidacloprid	19.60	0	51.00	A
Golf Course Turf	Penthiopyrad	4.12	0	6.00	A
Golf Course Turf	Tebuconazole	8.07	0	6.00	A
Golf Course Turf	Triclopyr, triethylamine salt	19.12	0	24.00	A
Golf Course Turf	Trinexapac-ethyl	0.43	0	18.00	A
Grape	Mineral oil	21.55	6	1.07	A
Grape, Wine	Aggregated adjuvant data	4.46	9	34.00	A
Grape, Wine	Bacillus altitudinis strain: qst 2808	0.30	1	2.50	A
Grape, Wine	Boscalid	0.25	1	2.00	A
Grape, Wine	Citric acid	0.34	2	18.00	A
Grape, Wine	Flutriafol	0.29	2	4.50	A
Grape, Wine	Glyphosate, isopropylamine salt	23.49	3	9.00	A
Grape, Wine	Glyphosate, potassium salt	11.03	1	9.00	A
Grape, Wine	Imidacloprid	0.38	2	12.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Indaziflam	0.13	1	2.00	A
Grape, Wine	Kaolin	95.00	2	8.00	A
Grape, Wine	Kresoxim-methyl	0.47	1	6.00	A
Grape, Wine	Mineral oil	7.22	4	8.50	A
Grape, Wine	Pendimethalin	3.79	1	9.00	A
Grape, Wine	Potassium phosphite	8.69	1	2.50	A
Grape, Wine	Pyraclostrobin	0.13	1	2.00	A
Grape, Wine	Quinoxyfen	0.38	2	8.50	A
Grape, Wine	Rimsulfuron	0.19	1	9.00	A
Grape, Wine	Sodium tetraborate decahydrate	3.91	1	2.50	A
Grape, Wine	Sulfur	38.40	5	15.00	A
Grape, Wine	Tebuconazole	0.56	2	5.00	A
Industrial Waste Disposal Systems, Disposal Water	2,4-d, isooctyl ester	0.28	0	1,120.00	S
Landscape Maintenance	2,4-d, 2-ethylhexyl ester	0.19	0	0.00	N/A
Landscape Maintenance	2,4-dp-p, 2-ethylhexyl ester	0.04	0	0.00	N/A
Landscape Maintenance	Acibenzolar-s-methyl	0.03	0	0.00	N/A
Landscape Maintenance	Aggregated adjuvant data	496.33	0	0.00	N/A
Landscape Maintenance	Alkyl (c8,c10) polyglucoside	126.85	0	0.00	N/A
Landscape Maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	144.21	0	0.00	N/A
Landscape Maintenance	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	250.37	0	0.00	N/A
Landscape Maintenance	Aminopyralid, triisopropanolamine salt	86.69	0	0.00	N/A
Landscape Maintenance	Ammonium sulfate	105.35	0	0.00	N/A
Landscape Maintenance	Bacillus thuringiensis subsp. israelensis strain: am 65-52	0.64	0	0.00	N/A
Landscape Maintenance	Bifenthrin	7.09	0	0.00	N/A
Landscape Maintenance	Boric acid	3.79	0	0.00	N/A
Landscape Maintenance	Bromethalin	< 0.01	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Carfentrazone-ethyl	0.48	0	0.00	N/A
Landscape Maintenance	Chlorophacinone	< 0.01	0	0.00	N/A
Landscape Maintenance	Chlorothalonil	167.50	0	0.00	N/A
Landscape Maintenance	Chlorsulfuron	18.91	0	0.00	N/A
Landscape Maintenance	Clopyralid, monoethanolamine salt	0.15	0	0.00	N/A
Landscape Maintenance	Clothianidin	0.01	0	0.00	N/A
Landscape Maintenance	Copper diammonium diacetate complex	3.94	0	0.00	N/A
Landscape Maintenance	Copper ethanolamine complexes, mixed	6.34	0	0.00	N/A
Landscape Maintenance	Deltamethrin	0.05	0	0.00	N/A
Landscape Maintenance	Dicamba	0.01	0	0.00	N/A
Landscape Maintenance	Diethylene glycol	8.14	0	0.00	N/A
Landscape Maintenance	Dimethylpolysiloxane	0.11	0	0.00	N/A
Landscape Maintenance	Diphacinone	< 0.01	0	0.00	N/A
Landscape Maintenance	Diquat dibromide	2.10	0	0.00	N/A
Landscape Maintenance	Dithiopyr	283.79	0	0.00	N/A
Landscape Maintenance	Diuron	211.43	0	0.00	N/A
Landscape Maintenance	Emamectin benzoate	0.01	0	0.00	N/A
Landscape Maintenance	Fipronil	0.70	0	0.00	N/A
Landscape Maintenance	Fluazinam	1.93	0	0.00	N/A
Landscape Maintenance	Fludioxonil	1.95	0	0.00	N/A
Landscape Maintenance	Flumioxazin	38.18	0	0.00	N/A
Landscape Maintenance	Fluroxypyr, 1-methylheptyl ester	8.01	0	0.00	N/A
Landscape Maintenance	Glufosinate-ammonium	561.40	0	0.00	N/A
Landscape Maintenance	Glycerol	53.65	0	0.00	N/A
Landscape Maintenance	Glyphosate, isopropylamine salt	2,681.27	0	0.00	N/A
Landscape Maintenance	Glyphosate, monoammonium salt	9.67	0	0.00	N/A
Landscape Maintenance	Glyphosate, potassium salt	450.92	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Halosulfuron-methyl	0.03	0	0.00	N/A
Landscape Maintenance	Hydroprene	0.02	0	0.00	N/A
Landscape Maintenance	Imazamox, ammonium salt	< 0.01	0	0.00	N/A
Landscape Maintenance	Imazapyr, isopropylamine salt	14.07	0	0.00	N/A
Landscape Maintenance	Imidacloprid	0.47	0	0.00	N/A
Landscape Maintenance	Indaziflam	16.18	0	0.00	N/A
Landscape Maintenance	Indoxacarb	0.57	0	0.00	N/A
Landscape Maintenance	Iprodione	7.63	0	0.00	N/A
Landscape Maintenance	Iron phosphate	0.26	0	0.00	N/A
Landscape Maintenance	Isopropyl alcohol	1.49	0	0.00	N/A
Landscape Maintenance	Isoxaben	20.64	0	0.00	N/A
Landscape Maintenance	Mecoprop-p	0.03	0	0.00	N/A
Landscape Maintenance	Mefentrifluconazole	2.51	0	0.00	N/A
Landscape Maintenance	Methylated soybean oil	937.64	0	0.00	N/A
Landscape Maintenance	Mineral oil	102.47	0	0.00	N/A
Landscape Maintenance	Oxyfluorfen	19.49	0	0.00	N/A
Landscape Maintenance	Pendimethalin	57.27	0	0.00	N/A
Landscape Maintenance	Penoxsulam	0.41	0	0.00	N/A
Landscape Maintenance	Penthiopyrad	4.41	0	0.00	N/A
Landscape Maintenance	Permethrin	33.47	0	0.00	N/A
Landscape Maintenance	Potassium phosphite	701.12	0	0.00	N/A
Landscape Maintenance	Prodiamine	9.65	0	0.00	N/A
Landscape Maintenance	Propylene glycol	1.04	0	0.00	N/A
Landscape Maintenance	Rimsulfuron	351.53	0	0.00	N/A
Landscape Maintenance	S-methoprene	< 0.01	0	0.00	N/A
Landscape Maintenance	Strychnine	0.04	0	0.00	N/A
Landscape Maintenance	Sulfentrazone	4.92	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Sulfometuron-methyl	66.04	0	0.00	N/A
Landscape Maintenance	Tall oil fatty acids	1.04	0	0.00	N/A
Landscape Maintenance	Tebuconazole	0.74	0	0.00	N/A
Landscape Maintenance	Thiophanate-methyl	2.49	0	0.00	N/A
Landscape Maintenance	Triclopyr choline	20.62	0	0.00	N/A
Landscape Maintenance	Triclopyr, butoxyethyl ester	222.60	0	0.00	N/A
Landscape Maintenance	Triclopyr, triethylamine salt	265.26	0	0.00	N/A
Landscape Maintenance	Trifluralin	8.02	0	0.00	N/A
Landscape Maintenance	Zinc phosphide	0.05	0	0.00	N/A
N-Outdr Plants In Containers	Glyphosate, isopropylamine salt	0.60	2	4.00	A
N-Outdr Plants In Containers	Imazapyr, isopropylamine salt	0.01	2	4.00	A
Oat (Forage - Fodder)	Aminopyralid, triisopropanolamine salt	0.72	1	4.00	A
Pastureland	Aminopyralid, triisopropanolamine salt	3.04	10	42.36	A
Pastureland	Glyphosate, isopropylamine salt	0.37	1	0.01	A
Public Health	Diquat dibromide	0.09	0	0.00	N/A
Rangeland	Aminopyralid, triisopropanolamine salt	4.85	8	136.25	A
Rangeland	Aminopyralid, triisopropanolamine salt	2.89	3	162.00	U
Rangeland	Glyphosate, isopropylamine salt	0.13	1	2.00	A
Rangeland	Triclopyr, butoxyethyl ester	2.62	4	5.00	A
Regulatory Pest Control	Aggregated adjuvant data	12.15	0	0.00	N/A
Regulatory Pest Control	Aminopyralid, triisopropanolamine salt	0.29	0	0.00	N/A
Regulatory Pest Control	Clopyralid, monoethanolamine salt	0.14	0	0.00	N/A
Regulatory Pest Control	Glyphosate, isopropylamine salt	10.21	0	0.00	N/A
Regulatory Pest Control	Imazapyr, isopropylamine salt	2.68	0	0.00	N/A
Regulatory Pest Control	Rimsulfuron	0.25	0	0.00	N/A
Rights Of Way	Aggregated adjuvant data	264.22	18	592.62	A
Rights Of Way	Aggregated adjuvant data	260.66	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	134.28	0	0.00	N/A
Rights Of Way	Aminocyclopyrachlor, potassium salt	< 0.01	0	0.00	N/A
Rights Of Way	Aminopyralid, triisopropanolamine salt	99.45	0	0.00	N/A
Rights Of Way	Ammonium sulfate	19.16	0	0.00	N/A
Rights Of Way	Boric acid	0.11	0	0.00	N/A
Rights Of Way	Chlorsulfuron	3.04	0	0.00	N/A
Rights Of Way	Clopyralid, monoethanolamine salt	3.52	1	14.23	A
Rights Of Way	Clopyralid, monoethanolamine salt	42.93	0	0.00	N/A
Rights Of Way	Copper hydroxide	147.04	0	0.00	N/A
Rights Of Way	Dimethylpolysiloxane	0.32	0	0.00	N/A
Rights Of Way	Disodium octaborate anhydrous	451.30	0	0.00	N/A
Rights Of Way	Disodium octaborate tetrahydrate	17.78	0	0.00	N/A
Rights Of Way	Dithiopyr	211.49	0	0.00	N/A
Rights Of Way	Flumioxazin	2.04	0	0.00	N/A
Rights Of Way	Glufosinate-ammonium	13.29	0	0.00	N/A
Rights Of Way	Glyphosate, diammonium salt	81.08	0	0.00	N/A
Rights Of Way	Glyphosate, dimethylamine salt	5.12	0	0.00	N/A
Rights Of Way	Glyphosate, isopropylamine salt	1,671.49	18	592.62	A
Rights Of Way	Glyphosate, isopropylamine salt	1,246.50	0	0.00	N/A
Rights Of Way	Glyphosate, potassium salt	981.62	0	0.00	N/A
Rights Of Way	Imazapyr, isopropylamine salt	26.41	0	0.00	N/A
Rights Of Way	Indaziflam	35.29	0	0.00	N/A
Rights Of Way	Isoxaben	4.50	0	0.00	N/A
Rights Of Way	Metam-sodium	921.25	0	0.00	N/A
Rights Of Way	Methylated soybean oil	319.52	0	0.00	N/A
Rights Of Way	Oleic acid, ethyl ester	1,056.86	18	592.62	A
Rights Of Way	Oleic acid, ethyl ester	230.53	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Oxyfluorfen	125.78	0	0.00	N/A
Rights Of Way	Pendimethalin	342.80	0	0.00	N/A
Rights Of Way	Penoxsulam	5.42	0	0.00	N/A
Rights Of Way	Propylene glycol	48.41	0	0.00	N/A
Rights Of Way	Rimsulfuron	7.65	0	0.00	N/A
Rights Of Way	Sodium tetraborate decahydrate	2,062.36	0	0.00	N/A
Rights Of Way	Sulfentrazone	5.18	0	0.00	N/A
Rights Of Way	Sulfometuron-methyl	8.49	0	0.00	N/A
Rights Of Way	Tall oil fatty acids	43.37	0	0.00	N/A
Rights Of Way	Triclopyr, butoxyethyl ester	29.60	0	0.00	N/A
Rights Of Way	Triclopyr, triethylamine salt	216.51	0	0.00	N/A
Structural Pest Control	Abamectin	< 0.01	0	0.00	N/A
Structural Pest Control	Acephate	0.06	0	0.00	N/A
Structural Pest Control	Acetamiprid	< 0.01	0	0.00	N/A
Structural Pest Control	Alpha-cypermethrin	40.43	0	0.00	N/A
Structural Pest Control	Beauveria bassiana strain: gha	0.04	0	0.00	N/A
Structural Pest Control	Beta-cyfluthrin	0.18	0	0.00	N/A
Structural Pest Control	Bifenthrin	361.37	0	0.00	N/A
Structural Pest Control	Boric acid	4.40	0	0.00	N/A
Structural Pest Control	Bromadiolone	< 0.01	0	0.00	N/A
Structural Pest Control	Bromethalin	0.10	0	0.00	N/A
Structural Pest Control	Chlorantraniliprole	< 0.01	0	0.00	N/A
Structural Pest Control	Chlorfenapyr	0.65	0	0.00	N/A
Structural Pest Control	Chlorophacinone	< 0.01	0	0.00	N/A
Structural Pest Control	Cholecalciferol	0.25	0	0.00	N/A
Structural Pest Control	Clothianidin	0.38	0	0.00	N/A
Structural Pest Control	Cyantraniliprole	0.01	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Cyfluthrin	0.28	0	0.00	N/A
Structural Pest Control	Cypermethrin	1.02	0	0.00	N/A
Structural Pest Control	Deltamethrin	103.78	0	0.00	N/A
Structural Pest Control	Diatomaceous earth	0.46	0	0.00	N/A
Structural Pest Control	Dinotefuran	103.25	0	0.00	N/A
Structural Pest Control	Diphacinone	< 0.01	0	0.00	N/A
Structural Pest Control	Disodium octaborate tetrahydrate	20.72	0	0.00	N/A
Structural Pest Control	Esfenvalerate	13.32	0	0.00	N/A
Structural Pest Control	Etofenprox	< 0.01	0	0.00	N/A
Structural Pest Control	Fipronil	31.48	0	0.00	N/A
Structural Pest Control	Gamma-cyhalothrin	0.31	0	0.00	N/A
Structural Pest Control	Glufosinate-ammonium	0.13	0	0.00	N/A
Structural Pest Control	Glyphosate, isopropylamine salt	0.39	0	0.00	N/A
Structural Pest Control	Hydramethylnon	0.01	0	0.00	N/A
Structural Pest Control	Hydroprene	0.53	0	0.00	N/A
Structural Pest Control	Imidacloprid	75.50	0	0.00	N/A
Structural Pest Control	Indoxacarb	0.04	0	0.00	N/A
Structural Pest Control	Iron phosphate	< 0.01	0	0.00	N/A
Structural Pest Control	Lambda-cyhalothrin	2.27	0	0.00	N/A
Structural Pest Control	Metofluthrin	< 0.01	0	0.00	N/A
Structural Pest Control	Mineral oil	7.25	0	0.00	N/A
Structural Pest Control	Muscalure	< 0.01	0	0.00	N/A
Structural Pest Control	N-octyl bicycloheptene dicarboximide	0.55	0	0.00	N/A
Structural Pest Control	Novaluron	0.24	0	0.00	N/A
Structural Pest Control	Noviflumuron	< 0.01	0	0.00	N/A
Structural Pest Control	Permethrin	247.92	0	0.00	N/A
Structural Pest Control	Phenothrin	0.04	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Piperonyl butoxide	22.45	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide, other related	0.05	0	0.00	N/A
Structural Pest Control	Prallethrin	3.50	0	0.00	N/A
Structural Pest Control	Pyrethrins	6.56	0	0.00	N/A
Structural Pest Control	Pyriproxyfen	0.98	0	0.00	N/A
Structural Pest Control	S-methoprene	0.03	0	0.00	N/A
Structural Pest Control	Silica gel	0.44	0	0.00	N/A
Structural Pest Control	Sodium tetraborate decahydrate	0.47	0	0.00	N/A
Structural Pest Control	Sulfuryl fluoride	153.69	0	0.00	N/A
Structural Pest Control	Tetramethrin	< 0.01	0	0.00	N/A
Structural Pest Control	Thiamethoxam	< 0.01	0	0.00	N/A
Structural Pest Control	Zeta-cypermethrin	< 0.01	0	0.00	N/A
Structural Pest Control	Zinc phosphide	< 0.01	0	0.00	N/A
Uncultivated Non-Ag	Aggregated adjuvant data	7.89	0	27.05	A
Uncultivated Non-Ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.54	0	24.45	A
Uncultivated Non-Ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	5.12	0	25.05	A
Uncultivated Non-Ag	Aminocyclopyrachlor, potassium salt	3.12	0	21.00	A
Uncultivated Non-Ag	Chlorsulfuron	1.09	0	21.00	A
Uncultivated Non-Ag	Dimethylpolysiloxane	0.02	0	15.25	A
Uncultivated Non-Ag	Dithiopyr	0.78	0	9.20	A
Uncultivated Non-Ag	Glyphosate, isopropylamine salt	7.46	0	25.05	A
Uncultivated Non-Ag	Indaziflam	1.19	0	21.00	A
Uncultivated Non-Ag	Isoxaben	2.30	0	11.20	A
Uncultivated Non-Ag	Methylated soybean oil	2.81	0	21.00	A
Uncultivated Non-Ag	Rimsulfuron	0.16	0	13.80	A
Uncultivated Non-Ag	Triclopyr choline	1.91	0	6.05	A
Water Area	Aggregated adjuvant data	0.45	0	1.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water Area	Copper ethanolamine complexes, mixed	82.51	0	15.68	A
Water Area	Copper ethylenediamine complex	33.54	0	11.00	A
Water Area	Copper sulfate (pentahydrate)	111.07	0	13.07	A
Water Area	Copper triethanolamine complex	37.86	0	11.00	A
Water Area	Fluridone	0.25	0	0.30	A
Water Area	Glyphosate, isopropylamine salt	0.84	0	0.30	A
Water Area	Imazamox, ammonium salt	0.53	0	0.30	A