

The top 100 pesticides used by cumulative acres treated statewide in 2017 (all sites combined).
 Chemical names that end with an “ * ” are adjuvants. Text files of data are available at
<http://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>.

Chemical	Rank	Pounds	Num. Apps.	Acres
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	1	2,277,464	236,824	10,238,842
SULFUR	2	46,435,948	143,135	5,463,102
DIMETHYLPOLYSILOXANE*	3	166,985	127,097	4,897,438
METHYLATED SOYBEAN OIL*	4	2,101,906	104,305	3,997,846
GLYPHOSATE, POTASSIUM SALT	5	6,245,401	85,026	3,269,950
MINERAL OIL	6	26,657,717	95,996	3,081,997
LECITHIN*	7	634,119	62,652	2,735,944
ABAMECTIN	8	53,702	71,657	2,708,965
LAMBDA-CYHALOTHRIN	9	89,261	66,778	2,328,253
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS*	10	166,822	68,667	2,309,464
PHOSPHORIC ACID	11	176,099	66,373	2,284,643
FATTY ACIDS, MIXED*	12	124,565	41,443	2,265,863
GLYPHOSATE, ISOPROPYLAMINE SALT	13	5,337,966	78,320	2,260,029
AMMONIUM SULFATE	14	715,835	59,487	2,256,988
CITRIC ACID	15	136,050	49,707	2,149,026
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	16	363,224	66,612	2,138,205
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	17	250,524	70,252	2,086,250
OXYFLUORFEN	18	788,395	58,180	2,005,829
CHLORANTRANILIPROLE	19	138,169	46,340	1,795,256
METHOXYFENOZIDE	20	436,245	36,193	1,773,392
TALL OIL FATTY ACIDS*	21	193,313	40,107	1,720,000
IMIDACLOPRID	22	587,462	62,703	1,621,761
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED*	23	188,434	49,555	1,604,395
BIFENTHRIN	24	289,597	31,346	1,546,614
GLUFOSINATE-AMMONIUM	25	1,352,721	49,265	1,493,434
PROPIONIC ACID	26	207,466	30,792	1,439,878
PARAQUAT DICHLORIDE	27	1,448,114	28,870	1,375,103
DIETHYLENE GLYCOL*	28	162,996	26,741	1,364,682
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER*	29	224,317	32,494	1,346,985
COPPER HYDROXIDE	30	2,634,455	39,686	1,338,576
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE*	31	68,890	35,783	1,312,905
AZOXYSTROBIN	32	237,707	32,118	1,289,373
SPINETORAM	33	81,439	62,093	1,278,937
POLYACRYLAMIDE POLYMER*	34	13,184	20,981	1,257,005
PYRACLOSTROBIN	35	153,443	42,871	1,253,079
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS*	36	506,378	42,301	1,241,916
ISOPROPYL ALCOHOL	37	59,484	50,098	1,238,683
POLYBUTENES	38	96,325	39,988	1,218,797
PROPYLENE GLYCOL	39	103,641	35,948	1,206,077
PENDIMETHALIN	40	2,257,532	28,925	1,108,408
POLYETHYLENE GLYCOL*	41	209,244	23,134	1,068,662
SPIROTETRAMAT	42	105,589	51,514	975,955
FLUOPYRAM	43	89,867	21,285	945,439
SAFLUFENACIL	44	34,597	19,272	873,941
PROPICONAZOLE	45	165,531	24,517	870,872
MANCOZEB	46	1,516,259	37,367	855,930
AMMONIUM NITRATE*	47	108,272	26,640	826,319
TRIFLOXYSTROBIN	48	74,474	22,755	802,513
TEBUCONAZOLE	49	97,382	17,530	759,715

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BOSCALID	50	183,413	30,507	733,941
ETOXAZOLE	51	82,480	13,824	727,695
CYPRODINIL	52	194,107	21,544	723,457
FLONICAMID	53	61,424	16,088	708,278
OLEIC ACID, METHYL ESTER*	54	573,930	14,333	704,866
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN*	55	156,059	19,850	704,793
CHLORPYRIFOS	56	945,639	12,279	688,953
BENZOIC ACID*	57	6,136	20,321	677,273
DIMETHYL ALKYL TERTIARY AMINES*	58	6,696	20,319	677,196
CARFENTRAZONE-ETHYL	59	15,331	15,741	664,759
BUTYL ALCOHOL*	60	38,876	15,915	660,685
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE*	61	138,519	28,301	654,842
(S)-CYPERMETHRIN	62	30,350	28,989	652,966
OLEIC ACID, ETHYL ESTER*	63	255,384	26,175	633,959
POLYETHYLENE GLYCOL STEARATE*	64	63,212	26,167	633,830
DIFENOCONAZOLE	65	56,837	14,791	627,766
VEGETABLE OIL*	66	665,567	4,618	603,533
PETROLEUM OIL, UNCLASSIFIED	67	7,476,905	13,153	601,301
PYRAFLUFEN-ETHYL	68	2,070	13,022	600,639
ACETAMIPRID	69	60,617	20,279	596,657
POLYETHER MODIFIED POLYSILOXANE*	70	49,589	32,909	596,325
RIMSULFURON	71	25,896	20,074	593,983
ALKYL (C8,C10) POLYGLUCOSIDE*	72	94,518	16,125	591,983
CHLOROTHALONIL	73	1,231,471	17,284	581,868
UREA DIHYDROGEN SULFATE	74	451,830	10,992	580,967
ESFENVALERATE	75	33,902	16,893	578,033
AMMONIUM PROPIONATE*	76	88,825	11,746	569,734
THIAMETHOXAM	77	46,888	28,510	563,115
INDAZIFLAM	78	30,184	20,365	560,332
ETHEPHON	79	482,915	10,699	551,293
PERMETHRIN	80	156,322	37,303	547,145
ALPHA-PINENE BETA-PINENE COPOLYMER*	81	181,605	21,370	534,667
ALPHA-TRIDECYL-OMEGA- HYDROXYPOLY(OXYETHANOL) PHOSPHATE*	82	26,033	11,608	532,859
POLYOXYETHYLENE POLYOXYPROPYLENE*	83	83,894	16,382	527,494
SODIUM POLYACRYLATE*	84	2,449	9,826	515,438
HYDROTREATED PARAFFINIC SOLVENT	85	304,841	10,810	504,215
GIBBERELLINS	86	27,085	15,953	501,455
DIMETHOATE	87	222,862	8,674	498,979
TALL OIL*	88	45,883	20,100	498,072
QUINOXYFEN	89	44,962	17,041	496,156
FLUXAPYROXAD	90	50,269	11,446	492,690
IPRODIONE	91	259,902	15,136	478,204
MYCLOBUTANIL	92	56,447	19,434	475,645
OLEIC ACID*	93	56,866	17,175	457,903
HEXYTHIAZOX	94	77,106	11,170	457,369
CLETHODIM	95	90,291	9,173	452,304
ALPHA-ALKYL (C9-C16)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	96	94,925	7,822	448,087
PETROLEUM OIL, PARAFFIN BASED	97	455,328	10,121	447,632
POLYACRYLAMIDE, POLYETHYLENE GLYCOL MIXTURE*	98	7,592	6,018	445,580
METCONAZOLE	99	45,500	7,216	436,534
INDOXACARB	100	39,327	12,189	431,367