

The top 100 pesticides used by cumulative acres treated statewide in 2016 (all sites combined).
 Chemical names that end with an “ * ” are adjuvants. Text files of data are available at
[<ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/>](ftp://transfer.cdpr.ca.gov/pub/outgoing/pur/data/).

Chemical	Rank	Pounds	Num. Apps.	Acres
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	1	2,185,623	237,580	9,543,741
SULFUR	2	48,664,569	145,411	5,587,422
DIMETHYLPOLYSILOXANE*	3	219,871	136,166	4,936,624
METHYLATED SOYBEAN OIL*	4	1,893,430	96,199	3,652,516
GLYPHOSATE, POTASSIUM SALT	5	6,412,855	88,414	3,391,775
PHOSPHORIC ACID	6	162,132	78,577	2,587,665
MINERAL OIL	7	25,035,200	79,245	2,539,413
ABAMECTIN	8	45,140	69,175	2,430,329
AMMONIUM SULFATE	9	635,164	60,395	2,234,808
OXYFLUORFEN	10	906,293	65,534	2,222,793
CITRIC ACID	11	143,557	51,243	2,199,842
N,N-BIS-(2-OMEGA-HYDROXYPOLY(OXYETHYLENE)ETHYL)ALKYLAMINE, ALKYL DERIVED FROM TALLOW FATTY ACIDS*	12	146,332	69,482	2,171,697
GLYPHOSATE, ISOPROPYLAMINE SALT	13	5,312,363	79,016	2,163,404
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	14	233,713	67,790	2,129,477
LECITHIN*	15	480,459	61,185	2,045,318
LAMBDA-CYHALOTHRIN	16	96,513	59,133	1,956,579
TALL OIL FATTY ACIDS*	17	208,162	44,553	1,942,573
FATTY ACIDS, MIXED*	18	85,166	39,135	1,753,710
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	19	251,038	58,524	1,720,714
IMIDACLOPRID	20	582,747	64,339	1,589,104
ISOPROPYL ALCOHOL	21	78,930	60,629	1,531,579
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED*	22	173,192	49,337	1,512,778
METHOXYFENOZIDE	23	374,873	30,732	1,503,211
BIFENTHRIN	24	341,175	30,326	1,461,606
CHLORANTRANILIPROLE	25	111,362	38,139	1,406,887
COPPER HYDROXIDE	26	2,551,947	39,710	1,374,915
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE), PHOSPHATE ESTER*	27	225,407	35,353	1,334,000
PARAQUAT DICHLORIDE	28	1,334,804	30,563	1,330,991
PYRACLOSTROBIN	29	157,948	42,184	1,292,318
POLYETHYLENE GLYCOL*	30	223,471	27,102	1,279,859
SPINETORAM	31	81,747	64,737	1,278,900
DIETHYLENE GLYCOL*	32	168,855	27,434	1,260,908
POLYACRYLAMIDE POLYMER*	33	18,257	20,791	1,153,495
PENDIMETHALIN	34	2,367,872	29,662	1,137,114
PROPYLENE GLYCOL	35	89,547	40,612	1,119,249
AZOXYSTROBIN	36	202,624	28,867	1,104,616
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE*	37	173,330	38,114	1,104,395
PROPIONIC ACID	38	172,239	30,650	1,094,786
POLYBUTENES	39	82,529	39,668	1,081,471
GLUFOSINATE-AMMONIUM	40	1,040,736	38,648	1,081,173
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS*	41	441,483	40,958	1,081,147
POLYALKENE OXIDE MODIFIED HEPTAMETHYL TRISILOXANE*	42	54,876	28,244	1,017,809
SPIROTETRAMAT	43	103,368	52,333	970,964
AMMONIUM NITRATE*	44	114,715	26,132	882,120
ALKYL (C8,C10) POLYGLUCOSIDE*	45	99,074	22,225	860,279
OLEIC ACID, METHYL ESTER*	46	613,139	27,513	851,332
BOSCALID	47	203,571	32,728	835,260
CARFENTRAZONE-ETHYL	48	19,934	19,347	829,727

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MANCOZEB	49	1,432,250	37,816	828,335
SODIUM POLYACRYLATE*	50	3,051	16,729	800,894
PETROLEUM OIL, UNCLASSIFIED	51	10,154,182	17,201	795,055
SAFLUFENACIL	52	30,033	18,248	759,728
TRIFLOXYSTROBIN	53	67,674	20,277	759,035
POLYETHER MODIFIED POLYSILOXANE*	54	78,273	34,244	747,434
BENZOIC ACID*	55	5,563	18,898	713,781
DIMETHYL ALKYL TERTIARY AMINES*	56	6,069	18,896	713,101
MODIFIED PHTHALIC GLYCEROL ALKYD RESIN*	57	162,697	17,719	711,618
ETOXAZOLE	58	79,513	13,507	686,961
FLUOPYRAM	59	66,034	14,859	686,183
PROPICONAZOLE	60	129,724	21,886	685,577
GLYCEROL*	61	64,249	17,029	682,156
(S)-CYPERMETHRIN	62	31,905	28,369	679,262
BUTYL ALCOHOL*	63	32,424	17,035	658,873
CYPRODINIL	64	178,317	19,677	648,850
TEBUCONAZOLE	65	86,166	15,599	645,796
CHLORPYRIFOS	66	902,575	12,026	640,709
ESFENVALERATE	67	68,076	19,882	637,087
FLUBENDIAMIDE	68	53,109	15,360	619,318
RIMSULFURON	69	24,928	19,434	583,473
POTASSIUM HYDROXIDE*	70	5,996	12,236	582,759
QUINOXYFEN	71	51,781	17,232	569,434
DIFENOCONAZOLE	72	49,568	12,668	559,964
THIAMETHOXAM	73	43,342	29,520	552,959
PERMETHRIN	74	214,727	39,775	551,705
METCONAZOLE	75	64,001	8,214	549,807
AMMONIUM PROPIONATE*	76	81,411	12,749	548,060
GIBBERELLINS	77	23,116	16,634	543,927
CHLOROTHALONIL	78	1,124,450	18,010	541,201
DIMETHOATE	79	243,686	10,033	531,106
POLYOXYETHYLENE POLYOXYPROPYLENE*	80	89,027	13,437	528,329
MYCLOBUTANIL	81	58,794	21,123	524,782
FLONICAMID	82	45,821	14,413	522,256
INDAZIFLAM	83	30,611	19,851	521,076
IPRODIONE	84	298,265	17,011	519,285
PYRAFLUFEN-ETHYL	85	1,842	12,633	519,279
PETROLEUM OIL, PARAFFIN BASED	86	542,349	10,485	505,923
ACETAMIPRID	87	51,894	18,597	501,385
ALPHA-PINENE BETA-PINENE COPOLYMER*	88	164,696	19,036	480,880
TALL OIL*	89	40,428	19,508	476,082
ETHEPHON	90	399,036	9,061	452,865
ALPHA-TRIDECYL-OMEGA-HYDROXYPOLY(OXYETHANOL) PHOSPHATE*	91	22,712	8,733	446,173
UREA DIHYDROGEN SULFATE	92	271,879	8,236	441,385
HYDROTREATED PARAFFINIC SOLVENT	93	265,447	9,070	434,724
METHOMYL	94	260,552	20,720	431,614
FLUXAPYROXAD	95	42,439	8,448	420,824
PROPANIL	96	2,269,943	5,670	418,789
VEGETABLE OIL*	97	517,738	3,141	405,225
ALPHA-2,6,8-TRIMETHYL-4-NONYLOXY-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	98	62,810	15,547	392,579
COPPER SULFATE (BASIC)	99	1,331,325	11,569	390,117
BETA-CYFLUTHRIN	100	109,515	13,583	389,551