

The top 100 pesticides used by pounds of active ingredients 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/>>.

Chemical	Rank	Pounds	Num. Apps.	Acres
SULFUR	1	48,664,569	145,411	5,587,422
MINERAL OIL	2	25,035,200	79,245	2,539,413
1,3-DICHLOROPROPENE	3	14,126,938	3,145	75,725
PETROLEUM OIL, UNCLASSIFIED	4	10,154,182	17,201	795,055
POTASSIUM N-METHYLDITHIOCARBAMATE	5	9,343,192	3,380	49,022
CHLOROPICRIN	6	8,641,552	2,542	49,149
GLYPHOSATE, POTASSIUM SALT	7	6,412,855	88,414	3,391,775
GLYPHOSATE, ISOPROPYLAMINE SALT	8	5,312,363	79,016	2,163,404
CALCIUM HYDROXIDE	9	4,937,244	9,563	232,157
KAOLIN	10	3,590,641	3,453	115,411
METAM-SODIUM	11	3,297,827	461	19,437
SULFURYL FLUORIDE	12	3,296,298	5	0
METHYL BROMIDE	13	2,602,823	728	11,031
COPPER HYDROXIDE	14	2,551,947	39,710	1,374,915
PENDIMETHALIN	15	2,367,872	29,662	1,137,114
PROPANIL	16	2,269,943	5,670	418,789
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	17	2,185,623	237,580	9,543,741
PETROLEUM DISTILLATES, REFINED	18	1,984,415	9,091	298,776
METHYLATED SOYBEAN OIL*	19	1,893,430	96,199	3,652,516
COPPER SULFATE (PENTAHYDRATE)	20	1,756,041	2,485	117,008
LIME-SULFUR	21	1,584,639	3,181	69,565
MANCOZEB	22	1,432,250	37,816	828,335
PARAQUAT DICHLORIDE	23	1,334,804	30,563	1,330,991
COPPER SULFATE (BASIC)	24	1,331,325	11,569	390,117
CHLOROTHALONIL	25	1,124,450	18,010	541,201
GLUFOSINATE-AMMONIUM	26	1,040,736	38,648	1,081,173
POTASSIUM PHOSPHITE	27	950,741	25,378	299,081
OXYFLUORFEN	28	906,293	65,534	2,222,793
CHLORPYRIFOS	29	902,575	12,026	640,709
ZIRAM	30	775,455	5,931	141,816
THIOBENCARB	31	698,671	2,510	197,774
BORIC ACID	32	676,965	89	1,254
CALCIUM HYPOCHLORITE	33	674,471	1,872	1,170
CAPTAN	34	638,194	6,293	246,006
AMMONIUM SULFATE	35	635,164	60,395	2,234,808
CHLORINE	36	624,396	15	2,275
OLEIC ACID, METHYL ESTER*	37	613,139	27,513	851,332
IMIDACLOPRID	38	582,747	64,339	1,589,104
SODIUM HYPOCHLORITE	39	582,134	626	25,084
HYDROGEN CYANAMIDE	40	553,924	920	37,583
PETROLEUM OIL, PARAFFIN BASED	41	542,349	10,485	505,923
VEGETABLE OIL*	42	517,738	3,141	405,225
LECITHIN*	43	480,459	61,185	2,045,318
POTASSIUM BICARBONATE	44	462,158	7,789	156,199
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS*	45	441,483	40,958	1,081,147
ETHEPHON	46	399,036	9,061	452,865
TRIFLURALIN	47	387,724	7,894	387,903
METHOXYFENOZIDE	48	374,873	30,732	1,503,211
PROPYLENE OXIDE	49	367,437	0	0
2,4-D, DIMETHYLAMINE SALT	50	364,379	9,367	328,354
COPPER OXYCHLORIDE	51	356,479	9,701	325,562
MALATHION	52	354,955	11,354	218,241
CRYOLITE	53	349,568	1,415	52,647
COPPER OXIDE (OUS)	54	346,115	6,143	129,866
BIFENTHRIN	55	341,175	30,326	1,461,606
S-METOLACHLOR	56	319,612	4,228	207,633
NALED	57	316,894	2,742	175,205

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ORYZALIN	58	314,812	5,044	90,034
DISODIUM OCTABORATE TETRAHYDRATE	59	309,923	161	4,617
COPPER ETHANOLAMINE COMPLEXES, MIXED	60	299,524	88	5,575
IPRODIONE	61	298,265	17,011	519,285
BENSULIDE	62	292,802	7,834	79,237
SODIUM BROMIDE	63	288,469	0	281
SULFUR DIOXIDE	64	279,789	11	400
ALKYL(42%C12, 26%C18, 15%C14, 8%C16, 5%C10, 4%C8)1,3-PROPYLENEDIAMINE	65	275,143	0	29
FIPRONIL	66	273,134	3	4
UREA DIHYDROGEN SULFATE	67	271,879	8,236	441,385
HYDROTREATED PARAFFINIC SOLVENT	68	265,447	9,070	434,724
FOSETYL-AL	69	263,932	11,199	89,261
SODIUM CARBONATE PEROXYHYDRATE	70	261,347	123	10,137
METHOMYL	71	260,552	20,720	431,614
EPTC	72	255,431	1,745	100,884
ALPHA-UNDECYL-OMEGA-HYDROXPOLY(OXYETHYLENE)*	73	251,038	58,524	1,720,714
DIURON	74	248,007	6,252	330,719
DIMETHOATE	75	243,686	10,033	531,106
METHYLATED FATTY ACIDS FROM CANOLA OIL*	76	237,658	3,843	158,082
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)*	77	233,713	67,790	2,129,477
CORN STEEP LIQUOR*	78	232,794	1,315	49,742
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXPOLY(OXYETHYLENE), PHOSPHATE ESTER*	79	225,407	35,353	1,334,000
POLYETHYLENE GLYCOL*	80	223,471	27,102	1,279,859
CARBARYL	81	220,860	3,203	116,551
DIMETHYLPOLYSILOXANE*	82	219,871	136,166	4,936,624
PERMETHRIN	83	214,727	39,775	551,705
COPPER AMMONIUM CARBONATE	84	211,924	1	0
BACILLUS AMYLOLIQUEFACIENS STRAIN D747	85	209,619	4,212	57,340
TALL OIL FATTY ACIDS*	86	208,162	44,553	1,942,573
PROPARGITE	87	206,164	1,973	87,222
BOSCALID	88	203,571	32,728	835,260
AZOXYSTROBIN	89	202,624	28,867	1,104,616
CALCIUM CARBONATE*	90	197,577	0	0
FATTY ACIDS, METHYL ESTERS	91	193,714	4,403	185,610
CHLOROTHAL-DIMETHYL	92	193,275	5,080	46,208
POTASH SOAP	93	182,813	6,699	31,936
CYPRODINIL	94	178,317	19,677	648,850
SODIUM CHLORATE	95	177,642	496	31,988
CAPRYLIC ACID	96	176,066	1,284	26,354
POLYETHYLENE GLYCOL MONO(3-(TETRAMETHYL-1-(TRIMETHYLSILOXY)DISILOXANYL)PROPYL)ETHER*	97	174,089	13,282	357,885
2-(3-HYDROXYPROPYL)-HEPTA-METHYL TRISILOXANE, ETHOXYLATED, ACETATE*	98	173,330	38,114	1,104,395
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED*	99	173,192	49,337	1,512,778
PETROLEUM DISTILLATES, AROMATIC	100	172,427	5,659	204,131