

The top 100 pesticides used by pounds of active ingredients 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
SULFUR	1	46,435,948	143,135	5,463,102
MINERAL OIL	2	26,657,717	95,996	3,081,997
1,3-DICHLOROPROPENE	3	12,579,737	2,977	70,634
POTASSIUM N-METHYLDITHIOCARBAMATE	4	8,938,545	4,637	47,533
CHLOROPICRIN	5	8,788,402	2,355	48,256
PETROLEUM OIL, UNCLASSIFIED	6	7,476,905	13,153	601,301
GLYPHOSATE, POTASSIUM SALT	7	6,245,401	85,026	3,269,950
CALCIUM HYDROXIDE	8	5,751,400	11,777	261,753
GLYPHOSATE, ISOPROPYLAMINE SALT	9	5,337,966	78,320	2,260,029
SULFURYL FLUORIDE	10	3,640,613	25	30
KAOLIN	11	3,182,553	3,480	103,011
METAM-SODIUM	12	3,144,313	494	17,423
COPPER HYDROXIDE	13	2,634,455	39,686	1,338,576
ALPHA-(PARA-NONYLPHENYL)-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	14	2,277,464	236,824	10,238,842
PENDIMETHALIN	15	2,257,532	28,925	1,108,408
METHYLATED SOYBEAN OIL*	16	2,101,906	104,305	3,997,846
PETROLEUM DISTILLATES, REFINED	17	2,026,379	12,220	282,568
COPPER SULFATE (PENTAHYDRATE)	18	1,914,120	2,913	274,920
METHYL BROMIDE	19	1,798,333	407	6,151
PROPANIL	20	1,645,452	4,151	308,512
LIME-SULFUR	21	1,549,769	3,037	75,825
MANCOZEB	22	1,516,259	37,367	855,930
PARAQUAT DICHLORIDE	23	1,448,114	28,870	1,375,103
COPPER SULFATE (BASIC)	24	1,407,497	13,232	385,981
GLUFOSINATE-AMMONIUM	25	1,352,721	49,265	1,493,434
CHLOROTHALONIL	26	1,231,471	17,284	581,868
POTASSIUM PHOSPHITE	27	1,164,449	27,875	386,639
CHLORPYRIFOS	28	945,639	12,279	688,953
ZIRAM	29	811,773	6,233	149,335
OXYFLUORFEN	30	788,395	58,180	2,005,829
BORIC ACID	31	718,448	88	787
AMMONIUM SULFATE	32	715,835	59,487	2,256,988
VEGETABLE OIL*	33	665,567	4,618	603,533
LECITHIN*	34	634,119	62,652	2,735,944
HYDROGEN CYANAMIDE	35	620,945	1,104	42,664
CALCIUM HYPOCHLORITE	36	614,253	1,964	679
THIOBENCARB	37	603,226	2,260	178,307
IMIDACLOPRID	38	587,462	62,703	1,621,761
OLEIC ACID, METHYL ESTER*	39	573,930	14,333	704,866
SODIUM HYPOCHLORITE	40	571,206	368	12,602
CAPTAN	41	561,542	5,923	220,477
FATTY ACIDS, C16-C18 AND C18-UNSATURATED, METHYL ESTERS*	42	506,378	42,301	1,241,916
POTASSIUM BICARBONATE	43	487,401	8,463	161,835
ETHEPHON	44	482,915	10,699	551,293
PETROLEUM OIL, PARAFFIN BASED	45	455,328	10,121	447,632
UREA DIHYDROGEN SULFATE	46	451,830	10,992	580,967
METHOXYFENOZIDE	47	436,245	36,193	1,773,392
COPPER OXYCHLORIDE	48	430,878	10,525	354,465
CHLORINE	49	418,713	0	0
BACILLUS AMYLOLIQUEFACIENS STRAIN D747	50	395,457	5,629	90,584
SODIUM CHLORATE	51	379,210	715	54,567
ALPHA-UNDECYL-OMEGA-HYDROXYPOLY(OXYETHYLENE)*	52	363,224	66,612	2,138,205
TRIFLURALIN	53	345,609	7,102	348,166
CORN STEEP LIQUOR*	54	342,404	1,697	65,026
ORYZALIN	55	334,037	4,836	104,836
S-METOLACHLOR	56	333,026	4,467	223,927

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MALATHION	57	331,585	10,413	203,988
COPPER ETHANOLAMINE COMPLEXES, MIXED	58	324,727	89	5,793
CRYOLITE	59	314,604	1,322	44,628
COPPER OXIDE (OUS)	60	313,906	6,276	132,203
HYDROGEN PEROXIDE	61	311,566	3,816	65,527
HYDROTREATED PARAFFINIC SOLVENT	62	304,841	10,810	504,215
DISODIUM OCTABORATE TETRAHYDRATE	63	304,762	128	5,195
2,4-D, DIMETHYLAMINE SALT	64	299,400	7,586	259,402
ALUMINUM PHOSPHIDE	65	296,388	1,757	68,408
BIFENTHRIN	66	289,597	31,346	1,546,614
NALED	67	282,400	3,506	174,333
BENSULIDE	68	282,285	8,039	76,799
IPRODIONE	69	259,902	15,136	478,204
EPTC	70	259,643	1,816	104,083
SULFUR DIOXIDE	71	257,501	54	1,396
PROPYLENE OXIDE	72	255,702	0	14
OLEIC ACID, ETHYL ESTER*	73	255,384	26,175	633,959
ALPHA-ALKYL (C9-C11)-OMEGA-HYDROXPOLY(OXYETHYLENE)*	74	250,524	70,252	2,086,250
PROPARGITE	75	243,228	2,198	105,717
AZOXYSTROBIN	76	237,707	32,118	1,289,373
METHOMYL	77	233,536	18,474	384,626
BIFENAZATE	78	227,509	11,368	383,115
ALPHA-(PARA-NONYLPHENYL)-OMEGA- HYDROXPOLY(OXYETHYLENE), PHOSPHATE ESTER*	79	224,317	32,494	1,346,985
DIMETHOATE	80	222,862	8,674	498,979
BUPROFEZIN	81	221,562	5,461	232,993
METHYLATED FATTY ACIDS FROM CANOLA OIL*	82	221,088	3,406	150,272
CHLORTHAL-DIMETHYL	83	220,354	5,763	49,110
COPPER AMMONIUM CARBONATE	84	214,783	2	0
POLYETHYLENE GLYCOL*	85	209,244	23,134	1,068,662
PROPIONIC ACID	86	207,466	30,792	1,439,878
SODIUM BROMIDE	87	197,840	0	431
FATTY ACIDS, METHYL ESTERS	88	196,299	5,648	175,457
CYPRODINIL	89	194,107	21,544	723,457
TALL OIL FATTY ACIDS*	90	193,313	40,107	1,720,000
ACEPHATE	91	190,987	12,039	176,359
4-NONYLPHENOL, FORMALDEHYDE RESIN, PROPOXYLATED*	92	188,434	49,555	1,604,395
FOSETYL-AL	93	187,008	8,772	65,594
BOSCALID	94	183,413	30,507	733,941
PETROLEUM DISTILLATES, AROMATIC	95	182,254	5,841	213,812
ALPHA-PINENE BETA-PINENE COPOLYMER*	96	181,605	21,370	534,667
DIURON	97	178,507	6,816	407,536
PHOSPHORIC ACID	98	176,099	66,373	2,284,643
CLARIFIED HYDROPHOBIC EXTRACT OF NEEM OIL	99	172,972	6,367	59,508
POTASH SOAP	100	170,670	6,170	31,716