



2025 Pesticide Drinking Water Standards and Information

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 This fact sheet contains chemical information, analytical methods, and major uses for pesticides or degradates that DPR’s Groundwater Protection Program has sampled for or that had reported detections in DPR’s most recent Annual Well Sampling Report.

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



This fact sheet contains information about drinking water standards for pesticides or degradates that DPR’s Groundwater Protection Program has sampled for or that had reported detections in DPR’s most recent Annual Well Sampling Report. Each of the columns in the fact sheet table is described below. Agencies referenced in this fact sheet are DPR, the California State Water Resources Control Board (SWRCB), California Office of Environmental Health Hazard Assessment (OEHHA), United States Environmental Protection Agency (USEPA), and the United States Geological Survey (USGS). All values are reported in units of parts per billion (ppb), or about one drop of water in a swimming pool. Values that are not established are denoted as “—”. Data sources are noted by superscripts.

Pesticide: The name of the pesticide active ingredient or degradate. A degradate (metabolite) is a breakdown product formed when a pesticide active ingredient transforms through natural chemical or biological processes in the environment or within organisms.

HHRL [ppb] DPR¹: The Human Health Reference Levels (HHRLs) are identified by DPR's Human Health Assessment Branch. For some pesticides and degradates, HHA calculated acute and chronic HHRLs. This table includes the lowest HHRL of the two values. Residues measured in groundwater exceeding these reference levels indicate a health concern and should be sent to HHA for further evaluation.

MCL [ppb] SWRCB²: The Maximum Contaminant Level (MCL) is an enforceable, health protective drinking water level adopted by the state of California which considers not only a chemicals' health risks but also factors such as their detectability and treatability, as well as costs of treatment.

PHG [ppb] OEHHA²: Public Health Goals (PHGs), established by the state of California, are concentrations of drinking water contaminants that pose no significant health risk if consumed for a lifetime, based on current risk assessment principles, practices, and methods.

PHC [ppb] OEHHA³: Public Health Concentrations (PHCs), determined by the state of California, are concentrations of a chemical in drinking water that are not expected to pose a significant risk to health when consumed over a lifetime, and are developed using approaches and methods of OEHHA’s Public Health Goal Program. If differentiated, CE refers to a PHC derived for cancer effects and NCE refers to a PHC derived for non-cancer effects.

MCL [ppb] USEPA^{2, 4}: The Maximum Contaminant Level (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are federally enforceable standards.

MCLG [ppb] USEPA^{2, 5}: The Maximum Contaminant Level Goal (MCLG) is a non-enforceable, federal health benchmark goal that is set at a level at which no known or anticipated adverse effect on the health of persons is expected to occur and which allows an adequate margin of safety.

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Chronic or Lifetime HHBP [ppb] USEPA⁶: USEPA Chronic or Lifetime Human Health Benchmarks for Pesticides (HHBPs) are non-enforceable advisory values in drinking water protective of chronic non-carcinogenic effects over a lifetime of exposure, assuming that 20% of the exposure to a given pesticide is from water and additional exposure is derived from another source such as food, air, or dermal contact.

Acute or One-Day HHBP [ppb] USEPA⁶: USEPA Acute or One-day Human Health Benchmarks for Pesticides (HHBPs) are non-enforceable advisory values in drinking water protective of acute or up to one-day non-carcinogenic effects, assuming that the entire exposure to a given pesticide is from drinking water.

Carcinogenic HHBP (10⁻⁶ to 10⁻⁴) [ppb] USEPA⁶: USEPA Carcinogenic Human Health Benchmarks for Pesticides (HHBPs) are non-enforceable advisory values protective of cancer effects. The HHBP range represents a one-in-one million (10⁻⁶) to one-in-ten thousand (10⁻⁴) cancer risk range.

One-Day HA [ppb] USEPA⁵: The One-Day Health Advisory (HA) is the concentration of a chemical in drinking water that is not expected to cause any adverse non-carcinogenic effects for up to one day of exposure (for a 10-kg child consuming 1 L of water/day).

Ten-Day HA [ppb] USEPA⁵: The Ten-Day Health Advisory (HA) concentration of a chemical in drinking water that is not expected to cause any adverse non-carcinogenic effects for up to ten days of exposure (for a 10-kg child consuming 1 L of water/day).

DWEL HA [ppb] USEPA⁵: A Drinking Water Equivalent Level (DWEL) is a lifetime exposure level, assuming 100% exposure from drinking water, at or below which adverse, non-carcinogenic health effects would not be expected to occur.

Lifetime HA [ppb] USEPA⁵: The Lifetime Health Advisory (HA) is the concentration in drinking water at or below which no adverse non-carcinogenic effects are expected for a lifetime of exposure (for a 70-kg adult drinking 2 L of water/day). The lifetime HA incorporates a drinking water risk concentration factor or a default of 20% of total exposure from all sources.

10⁻⁴ Cancer Risk [ppb] USEPA⁵: The concentration of a chemical in drinking water corresponding to an excess estimated lifetime cancer risk of 1 in 10,000.

Cancer Descriptor USEPA⁵: Chemicals evaluated under the USEPA 2005 Cancer Guidelines, or the 1996 or 1999 drafts, are denoted by their “Cancer Classification.” If the USEPA has not completed a new assessment for the chemical, the chemicals are denoted by the “Cancer Group.”

Cancer Classification: A descriptive weight-of-evidence judgment as to the likelihood that an agent is a human carcinogen and the conditions under which the carcinogenic effects may be expressed. Under the 2005 EPA Guidelines for Carcinogen Risk Assessment, Cancer Descriptors replace the earlier alpha numeric Cancer Group designations (US EPA 1986 guidelines). The Cancer Descriptors in the 2005 EPA Guidelines for Carcinogen Risk Assessment are as follows:

H - carcinogenic to humans

L - likely to be carcinogenic to humans

L/N - likely to be carcinogenic above a specified dose but not likely to be carcinogenic below that dose because a key event in tumor formation does not occur below that dose

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- S – suggestive evidence of carcinogenic potential
- I – inadequate information to assess carcinogenic potential
- N – not likely to be carcinogenic to humans

Cancer Group: A qualitative weight-of-evidence judgment as to the likelihood that a chemical may be a carcinogen for humans. Each chemical was placed into one of the following five categories (US EPA 1986 guidelines):

- A - Human carcinogen
- B - Probable human carcinogen:
 - B1 - Indicates limited human evidence
 - B2 - Indicates sufficient evidence in animals and inadequate or no evidence in humans
- C - Possible human carcinogen
- D - Not classifiable as to human carcinogenicity
- E - Evidence of noncarcinogenicity for humans

Non-Cancer HBSL [ppb] USGS⁴: USGS Non-cancer Health-Based Screening Levels (HBSLs) are non-enforceable benchmarks of concentration protective of chronic non-cancer effects.

Cancer HBSL (10⁻⁶ to 10⁻⁴) [ppb] USGS⁴: USGS Cancer Health-Based Screening Levels (HBSLs) are non-enforceable benchmarks protective of cancer effects. The HBSL concentration range represents a one-in-one million (10⁻⁶) to one-in-ten thousand (10⁻⁴) cancer risk range.

Data Sources:

¹< <https://www.cdpr.ca.gov/look-up-pesticide-info/>>

²<https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/documents/mclreview/mcls_dhrs_phgs.pdf>

³<<https://oehha.ca.gov/pesticides/pesticides-reports-notice-and-documents>>

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⁴<<https://water.usgs.gov/water-resources/hbsl/>>
⁵<<https://www.epa.gov/system/files/documents/2022-01/dwtable2018.pdf>> <<https://www.epa.gov/sdwa/drinking-water-health-advisories-has>>
⁶<<https://www.epa.gov/sdwa/human-health-benchmarks>>

Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
1-naphthol	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1-(3,4-dichlorophenyl)-3-methyl urea	100 [§]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1,2-dichloropropane	—	5	0.5	—	5	0	—	—	—	—	90	—	—	60	B2	—	—
1,3-dichloropropene	—	0.5	0.2	—	—	—	—	—	—	30	30	1000	—	40	L	100	0.2-20
1,4-dichlorobenzene	—	5	6	—	75	75	—	—	—	11000	11000	4000	75	—	C	—	—
2,4-D	—	70	20	—	70	70	—	—	—	1000	300	200	—	—	D	—	—
2,4,5-T	—	—	—	—	—	—	—	—	—	800	800	350	70	—	D	60	—
3,4-dichloroaniline	100 [§]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3,5-dichloroaniline	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.5-50
4-hydroxychlorothalonil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
abamectin	—	—	—	—	—	—	15	17	—	—	—	—	—	—	—	—	—
ACET	17 [†]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
acetamiprid	—	—	—	—	—	—	420	700	—	—	—	—	—	—	—	—	—
acetochlor	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	—	—
AIBA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
alachlor	—	2	4	—	2	0	—	—	—	100	100	400	—	40	B2	—	—
aldicarb	—	—	—	—	3	1	7	—	—	10	10	35	7	—	D	2	—
aldicarb sulfone	—	—	—	—	2	1	7	—	—	10	10	35	7	—	D	6	—
aminopyralid	—	—	—	—	—	—	3000	—	—	—	—	—	—	—	—	—	—
AMPA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
atrazine	17 [†]	1	0.15	—	3	3	—	—	—	—	—	700	—	—	N	—	—
azinphos-methyl	—	—	—	—	—	—	8.9	20	—	—	—	—	—	—	—	—	—
azoxystrobin	—	—	—	—	—	—	1070	4500	—	—	—	—	—	—	—	—	—
azoxystrobin acid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
benfluralin	—	—	—	—	—	—	30	—	—	—	—	—	—	—	—	—	—

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
bensulfuron methyl	—	—	—	—	—	—	1000	—	—	—	—	—	—	—	—	—	—
bensulide	—	—	—	—	—	—	30	1000	—	—	—	—	—	—	—	—	—
bentazon	1500	18	200	—	—	—	890	3000	—	300	300	1000	200	—	E	900	—
bispyribac-sodium	—	—	—	—	—	—	600	—	—	—	—	—	—	—	—	—	—
boscalid	—	—	—	—	—	—	1300	—	—	—	—	—	—	—	—	—	—
bromacil	197	—	—	—	—	—	—	—	—	5000	5000	3500	70	—	C	100	—
carbaryl	—	—	—	—	—	—	—	—	—	1000	1000	400	—	4000	L	60	30-3000
carbendazim	—	—	—	—	—	—	830	930	12.4-1240	—	—	—	—	—	—	—	—
carbofuran	—	18	0.7	—	40	40	—	—	—	—	—	—	—	—	N	—	—
carbon disulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	600	—
carbon tetrachloride	—	0.5	0.1	—	5	0	—	—	—	4000	200	100	3	50	L	—	—
chlorantraniliprole	8316	—	—	—	—	—	9350	—	—	—	—	—	—	—	—	—	—
chlorfenapyr	—	—	—	—	—	—	300	300	—	—	—	—	—	—	—	—	—
chloropicrin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
chlorothalonil	—	—	—	—	—	—	—	—	—	200	200	500	—	150	B2	100	—
chlorpyrifos	—	—	—	—	—	—	1.9	2.2	—	30	30	10	2	—	D	5	—
chlorsulfuron	—	—	—	—	—	—	300	—	—	—	—	—	—	—	—	—	—
cis-1,3-dichloropropene	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	100	0.2-20
clomazone	—	—	—	—	—	—	5000	30000	—	—	—	—	—	—	—	—	—
clothianidin	980	—	—	—	—	—	580	1700	—	—	—	—	—	—	—	—	—
cyanazine	—	—	—	—	—	—	—	—	—	100	100	70	1	—	—	10	0.03-3
cyantraniliprole	—	—	—	—	—	—	60	—	—	—	—	—	—	—	—	—	—
cycloate	—	—	—	—	—	—	30	440	—	—	—	—	—	—	—	—	—
cyprodinil	—	—	—	—	—	—	160	10000	—	—	—	—	—	—	—	—	—
DACT	17 [†]	—	—	—	—	—	11	300	—	—	—	—	—	—	—	—	—
DBCP	—	0.2	0.003	—	0.2	0	—	—	—	200	50	—	—	3	B2	—	—
DCPA	‡	—	—	2 (CE) 7 (NCE)	—	—	—	—	—	2000	2000	350	70	—	C	60	20-2000
DDVP	—	—	—	—	—	—	3	50	—	—	—	—	—	—	—	—	—
DEA	17 [†]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	—

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
dechlorometolachlor	1368 [*]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
deethylhydroxyatrazine	100 [†]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
desulfinyl fipronil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
desulfinyl fipronil amide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
diazinon	—	—	—	—	—	—	—	—	—	20	20	7	1	—	E	2	—
dicamba	—	—	—	—	—	—	—	—	—	—	—	18000	4000	—	N	200	—
dichlobenil	—	—	—	—	—	—	60	13000	—	—	—	—	—	—	—	—	—
dichloran	—	—	—	—	—	—	15	1000	—	—	—	—	—	—	—	—	—
dichlorprop	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	200	—
diflubenzuron	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	—	—
dimethenamid	—	—	—	—	—	—	300	10000	—	—	—	—	—	—	—	—	—
dimethoate	—	—	—	—	—	—	13	87	—	—	—	—	—	—	—	—	—
dimethomorph	—	—	—	—	—	—	650	1700	—	—	—	—	—	—	—	—	—
dinoseb	—	7	14	—	7	7	—	—	—	300	300	35	7	—	D	—	—
dinotefuran	—	—	—	—	—	—	6000	8330	—	—	—	—	—	—	—	—	—
disulfoton	—	—	—	—	—	—	—	—	—	10	10	3.5	0.7	—	E	0.8	—
dithiopyr	—	—	—	—	—	—	21	—	—	—	—	—	—	—	—	—	—
diuron	100 [§]	—	—	—	—	—	—	—	—	1000	1000	100	—	200	L	60	2-200
diquat dibromide	—	20	6	—	20	20	30	5000	—	—	—	20	—	—	E	—	—
DSMN	150 [¶]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
EPTC	—	—	—	—	—	—	300	1000	—	—	—	—	—	—	—	—	—
ethalfuralin	—	—	—	—	—	—	200	21000	0.33-33	—	—	—	—	—	—	—	—
ethofumesate	—	—	—	—	—	—	2000	8000	—	—	—	—	—	—	—	—	—
ethoprophos	—	—	—	—	—	—	0.37	2.8	1.05-105	—	—	—	—	—	—	—	—
ethyl parathion	—	—	—	—	—	—	0.2	2	—	—	—	—	—	—	—	—	—
ethylene dibromide	—	0.05	0.01	—	0.05	0	—	—	—	8	8	300	—	2	L	—	—
ethylene dichloride	—	0.5	0.4	—	5	0	—	—	—	700	700	—	—	40	B2	—	—
etofenprox	—	—	—	—	—	—	151	—	—	—	—	—	—	—	—	—	—
fenamidone	—	—	—	—	—	—	167	8330	—	—	—	—	—	—	—	—	—
fenamiphos	—	—	—	—	—	—	—	—	—	9	9	3.5	0.7	—	E	2	—

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Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
fenhexamid	—	—	—	—	—	—	1000	—	—	—	—	—	—	—	—	—	—
fipronil	—	—	—	—	—	—	1	170	—	—	—	—	—	—	—	—	—
fipronil amide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
fipronil sulfide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
fipronil sulfone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
fluazifop-p-butyl	—	—	—	—	—	—	3000	30	—	—	—	—	—	—	—	—	—
fludioxonil	331	—	—	—	—	—	2000	—	—	—	—	—	—	—	—	—	—
flupyradifurone	—	—	—	—	—	—	460	2300	—	—	—	—	—	—	—	—	—
flutriafol	395	—	—	—	—	—	300	2100	—	—	—	—	—	—	—	—	—
fomesafen	—	—	—	—	—	—	60	7000	—	—	—	—	—	—	—	—	—
fonofos	—	—	—	—	—	—	—	—	—	20	20	70	10	—	D	10	—
formaldehyde	—	—	—	—	—	—	—	—	—	10000	5000	7000	1000	—	B1	—	—
glufosinate	—	—	—	—	—	—	40	1800	—	—	—	—	—	—	—	30	—
glyphosate	—	700	900	—	700	700	—	—	—	20000	20000	70000	—	—	D	—	—
halosulfuron-methyl	—	—	—	—	—	—	600	10000	—	—	—	—	—	—	—	—	—
hexachlorobenzene	—	1	0.03	—	1	0	—	—	—	50	50	30	—	2	B2	—	—
hexazinone	500	—	—	—	—	—	—	—	—	3000	2000	2000	400	—	D	300	—
hydroxymetolachlor	1368*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
hydroxysimazine	100 ⁺	—	—	—	—	—	—	—	—	—	—	—	—	—	—	400	—
imidacloprid	283	—	—	—	—	—	500	500	—	—	—	—	—	—	—	—	—
imidacloprid olefin	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
imidacloprid urea	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
imidacloprid guanidine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
imidacloprid oflenic guanidine	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
indoxacarb	—	—	—	—	—	—	100	800	—	—	—	—	—	—	—	—	—
isoxaben	—	—	—	—	—	—	300	—	—	—	—	—	—	—	—	—	—
kresoxim-methyl	—	—	—	—	—	—	2100	—	10-1000	—	—	—	—	—	—	—	—
linuron	—	—	—	—	—	—	46	1000	—	—	—	—	—	—	—	—	—
malathion	—	—	—	—	—	—	—	—	—	200	200	2000	500	—	S	60	—
MCPA	—	—	—	—	—	—	—	—	—	100	100	140	30	—	N	300	—

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
MCPP	—	—	—	—	—	—	200	11700	—	—	—	—	—	—	—	—	—
mefenoxam/metalaxyl	—	—	—	—	—	—	—	3000	—	—	—	—	—	—	—	—	—
mesotrione	—	—	—	—	—	—	—	4200	—	—	—	—	—	—	—	—	—
methidathion	—	—	—	—	—	—	8.9	10	—	—	—	—	—	—	—	—	—
methiocarb	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
methomyl	—	—	—	—	—	—	—	—	—	300	300	900	200	—	E	9	—
methoxychlor	—	30	0.09	—	40	40	—	—	—	50	50	200	40	—	D	—	—
methoxyfenozide	895	—	—	—	—	—	600	—	—	—	—	—	—	—	—	—	—
methyl bromide	—	—	—	—	—	—	130	4000	—	—	—	—	—	—	—	—	—
methyl parathion	—	—	—	—	—	—	—	—	—	300	300	7	1	—	N	1	—
metolachlor	1368*	—	—	7	—	—	—	—	—	2000	2000	3500	700	—	C	2000	—
metolachlor ESA	1368*	—	—	1300	—	—	—	—	—	—	—	—	—	—	—	—	—
metolachlor OXA	1368*	—	—	3200	—	—	—	—	—	—	—	—	—	—	—	—	—
metribuzin	—	—	—	—	—	—	—	—	—	5000	5000	350	70	—	D	8	—
metribuzin DA	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
metribuzin DADK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
metribuzin DK	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
metsulfuron methyl	—	—	—	—	—	—	1500	—	—	—	—	—	—	—	—	—	—
molinate	—	20	1	—	—	—	—	—	—	—	—	—	—	—	—	0.6	—
MTP	‡	—	—	2500	—	—	—	—	—	—	—	—	—	—	—	—	—
myclobutanil	—	—	—	—	—	—	150	20000	—	—	—	—	—	—	—	—	—
naphthalene	—	—	—	—	—	—	—	—	—	500	500	700	100	—	I	100	—
napropamide	—	—	—	—	—	—	710	—	—	—	—	—	—	—	—	—	—
norflurazon	150 [¶]	—	—	—	—	—	8.9	—	—	—	—	—	—	—	—	—	—
o-xylene	—	1750 ⁺⁺	1800 ⁺⁺	—	10000 ⁺⁺	10000 ⁺⁺	—	—	—	40000 ⁺⁺	40000 ⁺⁺	7000 ⁺⁺	—	—	I	—	—
ortho-dichlorobenzene	—	600	600	—	600	600	—	—	—	9000	9000	3000	600	—	D	—	—
orthosulfamuron	—	—	—	—	—	—	300	—	—	—	—	—	—	—	—	—	—
oryzalin	—	—	—	—	—	—	1100	7100	3.80-380	—	—	—	—	—	—	—	—
oxadiazon	—	—	—	—	—	—	30	3400	0.416-41.6	—	—	—	—	—	—	—	—
oxyfluorfen	—	—	—	—	—	—	200	—	0.404-40.4	—	—	—	—	—	—	—	—

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
pendamethalin	—	—	—	—	—	—	2000	7000	—	—	—	—	—	—	—	—	—
penoxsulam	502	—	—	—	—	—	870	—	—	—	—	—	—	—	—	—	—
pentachlorophenol	—	1	0.3	—	1	0	—	—	—	1000	300	200	40	9	L	—	—
phorate	—	—	—	—	—	—	1	5.5	—	—	—	—	—	—	—	—	—
phorate sulfone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
phorate sulfoxide	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
picloram	—	500	166	—	500	500	—	—	—	20000	20000	700	—	—	D	—	—
piperonyl butoxide	—	—	—	—	—	—	950	30000	—	—	—	—	—	—	—	—	—
prodiamine	—	—	—	—	—	—	830	—	—	—	—	—	—	—	—	—	—
prometon	263	—	—	—	—	—	—	—	—	200	200	2000	400	—	N	300	—
prometryn	—	—	—	—	—	—	200	—	—	—	—	—	—	—	—	—	—
propanil	—	—	—	—	—	—	200	—	—	—	—	—	—	—	—	—	—
propargite	—	—	—	—	—	—	200	—	0.154-15.4	—	—	—	—	—	—	—	—
propiconazole	—	—	—	—	—	—	600	2000	—	—	—	—	—	—	—	—	—
propyzamide	—	—	—	—	—	—	77	300	—	800	800	3000	—	100	B2	—	—
pyraclostrobin	—	—	—	—	—	—	200	1000	—	—	—	—	—	—	—	—	—
pyriproxyfen	—	—	—	—	—	—	2100	—	—	—	—	—	—	—	—	—	—
quinoxifen	—	—	—	—	—	—	1000	—	—	—	—	—	—	—	—	—	—
saflufenacil	—	—	—	—	—	—	270	30000	—	—	—	—	—	—	—	—	—
simazine	17 [†]	4	4	—	4	4	—	—	—	—	—	700	—	—	N	—	—
sulfentrazone	—	—	—	—	—	—	830	4000	—	—	—	—	—	—	—	—	—
sulfentrazone-3-carboxylic acid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
sulfentrazone DMS	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
sulfometuron methyl	—	—	—	—	—	—	1630	—	—	—	—	—	—	—	—	—	—
sulfoxafior	—	—	—	—	—	—	300	1700	—	—	—	—	—	—	—	—	—
tebuconazole	—	—	—	—	—	—	170	190	—	—	—	—	—	—	—	—	—
tebufenozide	—	—	—	—	—	—	100	—	—	—	—	—	—	—	—	—	—
tebuthiuron	737	—	—	—	—	—	—	—	—	3000	3000	2000	500	—	D	800	—
tefluthrin	—	—	—	—	—	—	—	30	—	—	—	—	—	—	—	—	—
tetraconazole	—	—	—	—	—	—	43	3000	—	—	—	—	—	—	—	—	—

PESTICIDE DRINKING WATER STANDARDS

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	HHRL [ppb] DPR	MCL [ppb] SWRCB	PHG [ppb] OEHHA	PHC [ppb] OEHHA	MCL [ppb] USEPA	MCLG [ppb] USEPA	Chronic (Lifetime) HHBP [ppb] USEPA	Acute (One-Day) HHBP [ppb] USEPA	Carcinogenic HHBP (10 ⁻⁶ to 10 ⁻⁴) [ppb] USEPA	One-Day HA [ppb] USEPA	Ten-Day HA [ppb] USEPA	DWEL HA [ppb] USEPA	Lifetime HA [ppb] USEPA	10 ⁻⁴ Cancer Risk [ppb] USEPA	Cancer Group USEPA	Non-Cancer HBSL [ppb] USGS	Cancer HBSL (10 ⁻⁶ to 10 ⁻⁴) [ppb] USGS
thiabendazole	—	—	—	—	—	—	600	3000	—	—	—	—	—	—	—	—	—
thiacloprid	—	—	—	—	—	—	20	70	0.729-72.9	—	—	—	—	—	—	—	—
thiamethoxam	120	—	—	—	—	—	71	2300	—	—	—	—	—	—	—	—	—
thiobencarb	—	70	42	—	—	—	60	7000	—	—	—	—	—	—	—	—	—
TPA	70 [‡]	—	—	2500	—	—	17500	—	—	100000	100000	—	—	—	I	—	—
trans-permethrin	—	—	—	—	—	—	—	2900 ^{§§}	—	—	—	—	—	—	—	—	—
triallate	—	—	—	—	—	—	150	4000	0.413-41.3	—	—	—	—	—	—	—	—
tribufos	—	—	—	—	—	—	1	7	—	—	—	—	—	—	—	—	—
triclopyr	—	—	—	—	—	—	300	1000	—	—	—	—	—	—	—	—	—
trifloxystrobin	—	—	—	—	—	—	220	71000	—	—	—	—	—	—	—	—	—
triflumizole	—	—	—	—	—	—	69.2	1700	—	—	—	—	—	—	—	—	—
trifluralin	—	—	—	—	—	—	—	—	—	80	80	700	10	400	C	100	10-1000
uniconazole	—	—	—	—	—	—	100	1000	—	—	—	—	—	—	—	—	—
xylene	—	1750 ^{††}	1800 ^{††}	—	10000 ^{††}	10000 ^{††}	—	—	—	40000 ^{††}	40000 ^{††}	7000 ^{††}	—	—	I	—	—
xylene, m- and p-	—	1750 ^{††}	1800 ^{††}	—	10000 ^{††}	10000 ^{††}	—	—	—	40000 ^{††}	40000 ^{††}	7000 ^{††}	—	—	I	—	—

[§] If residues of diuron and 3,4-dichloroaniline are detected in the same groundwater sample, the values should be summed and compared to the HHRL.

[†] If two or more residues of atrazine, simazine, ACET, DACT, or DEA are detected in the same groundwater sample, the values should be summed and compared to the HHRL.

[¶] If residues of norflurazon and DSMN are detected in the same groundwater sample, the values should be summed and compared to the HHRL.

[‡] The HHRL for TPA was determined under a special/non-standard process and is related to health reference levels determined by USEPA for DCPA and degradates (TPA, MTP):

<https://www.cdpr.ca.gov/docs/hha/memos/tpa%20in%20ground%20water%20reply%20final%2002232017%20complete%20executed.pdf>

<https://www.epa.gov/ccl/regulatory-determination-2-support-documents-dacthal-mono-acid-mtp-and-di-acid-tpa-degradates>

^{*} If one or more residues of metolachlor, metolachlor ESA, metolachlor OXA, dechlorometolachlor, or hydroxymetolachlor are detected in the same groundwater sample, the values should be summed and compared to the HHRL.

^{††} If one or more residues of xylene isomers are detected in the same groundwater sample, the values should be summed and compared to the health level.

^{§§} If one or more residues of permethrin isomers are detected in the same groundwater sample, the values should be summed and compared to the health level.

PESTICIDE INFORMATION

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



This fact sheet contains chemical information, analytical methods, and major uses for pesticides or degradates that DPR's Groundwater Protection Program has sampled for or that had reported detections in DPR's most recent Annual Well Sampling Report. Each of the columns in the fact sheet table are described below. Data sources are noted by superscripts.

Pesticide: The name of the pesticide or degradate.

Synonyms: Alternative names, abbreviations, or chemical formulas for the listed pesticide or degradate.

Type: Pesticides can be grouped by the type of pests affected. Herbicides are effective against plants. Insecticides are effective against insects. Fungicides are effective against fungi. Nematicides are effective against nematode worms. Degradates and their parents are noted in this column, if applicable.

DPR Chemical Code^{1, 2, 6}: The identification number assigned by DPR. There may be multiple identification numbers for each pesticide or degradate. The chemical codes can be used to look up pesticide data and product information.

DPR Analytical Method³: The number assigned to the analytical method used by DPR to analyze for the pesticide or degradate. A designation of (GW) means the analytical method was developed for groundwater samples. A designation of (SW) means the analytical method was developed for surface water samples. Surface water methods can be used for groundwater.

Primary Uses^{4, 5}: The primary uses of each pesticide in California. Degradates are not associated with use and are thus assigned "NA" for primary use. These data were obtained from the Pesticide Use Reporting (PUR) database and from the PAN Pesticide Database.

Data Sources:

¹ <<https://apps.cdpr.ca.gov/ereglib/>>

² <<https://apps.cdpr.ca.gov/docs/label/labelque.cfm>>

³ <<https://www.cdpr.ca.gov/reports-directory/>>

⁴ <<https://www.cdpr.ca.gov/docs/pur/purmain.htm>>

⁵ <www.pesticideinfo.org>

⁶ <<https://www.cdpr.ca.gov/california-pesticide-electronic-submission-tracking-calpest/>>

PESTICIDE INFORMATION



Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025

Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
1-naphthol	1-N	degradate of carbaryl and naphthalene	6374	NA	NA
1-(3,4-dichlorophenyl)-3-methyl urea	DCPMU diuron desmethyl n-(3,4-dichlorophenyl)-n'-methylurea	degradate of diuron	6481	NA	NA
1,2-dichloropropane	propylene dichloride	insecticide	2501, 185	NA	no active products in California since 1990
1,3-dichloropropene	1,3-D; alpha-chloroallyl chloride	fungicide, insecticide, nematicide	573	NA	almonds, soil preplant, strawberries, sweet potatoes, walnuts, carrots
1,4-dichlorobenzene	1,4-DCB p-DCB p-dichlorobenzene para-dichlorobenzene	insecticide, control of mildew and mold	455	NA	mothballs, insect repellents, disinfectants
2,4-D	2,4-dichlorophenoxyacetic acid	herbicide, plant growth regulator	636	EMON-SM-05-012 (SW)	almonds, pistachios, rights of way, uncultivated agriculture
2,4,5-T	2,4,5-trichlorophenoxyacetic acid 2,4,5-T 2,4,5-TCP	herbicide	639	EMON-SM-05-044 (GW)	NA
3,4-dichloroaniline	3,4-DCA 3,4-dichlorobenzenamine	degradate of diuron, linuron, propanil, or iprodione	3138	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW)	NA
3,5-dichloroaniline	3,5-dichlorobenzenamine	degradate of iprodione or dichloran	6068, 3139	EMON-SM-05-032 (GW)	NA
4-hydroxy chlorothalonil	chlorothalonil-4-hydroxy	degradate of chlorothalonil	6378	NA	NA
abamectin	avermectin abamectin B1A and B1B	insecticide	2254, 5916, 5917	EMON-SM-05-049 (SW)	almonds, walnuts, wine grapes, cotton, oranges
ACET	deisopropyl atrazine DIA deethyl-simazine 2-chloro-6-ethylamino-4-amino-s-triazine	degradate of atrazine and simazine	4096	EM 62.9 (GW & SW) EMON-SM-05-062 (GW)	NA
acetamiprid		insecticide	5762	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-052 (SW)	cotton, walnuts, pistachios, oranges, strawberries, almonds, wine grapes
acetochlor		herbicide	2349	EMON-SM-05-050 (GW)	NA
AIBA	2-amino-N-isopropyl benzamide 2-amino-n-isopropylbenzamide	degradate of bentazon	6658	EM-SM-05-032 (GW) EMON-SM-05-060 (GW)	NA
alachlor		herbicide	678	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	corn
aldicarb		insecticide	575	NA	no active products in California since 1986

PESTICIDE INFORMATION



Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025

Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
aldicarb sulfone	aldoxycarb	degradate of aldicarb	2265	NA	NA
aminopyralid	4-amino-3,6-dichloro-2-pyridinecarboxylic acid 4-amino-3,6-dichloropyridine-2-carboxylic acid aminopyralid + salt pyridine carboxylic acid TIPA salt triisopropanolamine salt	herbicide	5927, 5928	EM-SM-05-053 (GW)	wheat, corn, pasture, rangeland, forests, rights of way, industrial areas
AMPA	aminomethylphosphonic acid	degradate of glyphosate	6049	EMON-SM-05-045 (GW)	NA
atrazine		herbicide	45	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	corn, sudangrass, corn, sugarcane, forests, sorghum
azinphos-methyl		insecticide	314	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	tree crops (stone, pome, nut)
azoxystrobin		fungicide	4037	EM-SM-05-018 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, rice, tomatoes, garlic, walnuts, wine grapes
azoxystrobin acid		degradate of azoxystrobin	6066	EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	NA
benfluralin	n-butyl-2,6-dinitro-n-ethyl-4-(trifluoromethyl)aniline n-butyl-n-ethyl-2,6-dinitro-4-(trifluoromethyl) benzeneamine n-butyl-n-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine n-butyl-n-ethyl-alpha, alpha, alpha-trifluoro-2,6-dinitro-p-toluidine	herbicide	53	EM-SM-05-032 (GW) EMON-SM-05-060 (GW)	turf, alfalfa, lettuce, birdsfoot trefoil, clover, non-bearing fruit trees, nut trees, non-bearing berries, non-bearing vineyards, ornamentals, rights of way, fence rows/hedgerows, Christmas tree plantations

PESTICIDE INFORMATION



Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025

Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
bensulfuron methyl		herbicide	2263	EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	rice, wild rice
bensulide		herbicide	70	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	lettuce, broccoli, onions, arugula, cantaloupe, cauliflower
bentazon	bentazone	herbicide	1944, 2999	EM 5.5 (GW) EMON-SM-05-032 (GW) EMON-SM-05-050 (GW)	peas, beans, mint
bispyribac-sodium		herbicide	5749	EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	rice, wild rice, uncultivated agriculture, turf, landscape
boscalid		fungicide	5790	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	wine grapes, table and raisin grapes, almonds, leaf lettuce, head lettuce, walnuts, strawberries
bromacil		herbicide	83	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	rights of way, citrus, landscape
carbaryl		insecticide, nematicide, plant growth regulator	105	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	tomatoes, citrus, brussels sprouts, pistachios
carbendazim		degradate, fungicide	2176	EMON-SM-05-050 (GW)	NA
carbofuran		insecticide, nematicide	106	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	alfalfa, rice, grapes, cotton
carbon disulfide	carbon bisulfide	fumigant, nematicide	108	NA	no active products in California since 1987
carbon tetrachloride	tetrachloromethane	fumigant, insecticide	109	NA	no active products in California since 1987
chlorantraniliprole		insecticide	5964	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, pistachios, landscape, walnuts, tomatoes, alfalfa, peaches

PESTICIDE INFORMATION



Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025

Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
chlorfenapyr	4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile	insecticide, miticide	3938	EMON-SM-05-054 (SW)	ornamental crops in greenhouses
chloropicrin		fungicide, herbicide, insecticide, nematocide, antimicrobial	136	NA	strawberries, soil preplant, almonds, raspberries, outdoor propagation, walnuts, outdoor container nursery
chlorothalonil	tetrachloroisophthalonitrile	fungicide	677	EM-SM-05-020 (GW & SW)	almonds, tomatoes, landscape, onions, prunes, celery
chlorpyrifos	chlorpyrifos-ethyl	insecticide, nematocide	253	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	almonds, cotton, oranges, table and raisin grapes, wine grapes walnuts, alfalfa
chlorsulfuron	chlorsulfon	herbicide	2143	EMON-SM-05-049 (SW)	rights of way, landscape, rangeland, regulatory, oats, uncultivated non-agriculture, triticale
cis-1,3-dichloropropene	cis-1,3-D	isomer of 1,3-D	6617	NA	NA
clomazone	dimethazone	herbicide	3537	EMON-SM-05-032 (GW) EMON-SM-05-044 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-061 (GW)	rice, wild rice, uncultivated non-agriculture
clothianidin	clothianidine (E)-clothianidin	insecticide, degradate of thiamethoxam	5792	EMON-SM-62.9 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-052 (SW) EMON-SM-05-062 (GW)	wine grapes, cotton, almonds, broccoli, table and raisin grapes, lettuce
cyanazine	cyanazin	herbicide	1640	EM 62.9 (GW & SW) EMON-SM-05-050 (GW)	greenhouse plants
cyantraniliprole		insecticide	6072	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	outdoor propagation nursery, almonds, oranges, tangerines, greenhouse propagation, leaf lettuce, broccoli
cycloate		herbicide	516	EMON-SM-05-050 (GW)	spinach, beets, commodity research, turnips, cilantro
cyprodinil		fungicide	4000	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, grapes, strawberries, peaches, pistachios
DACT	diaminochlorotriazine diamino chlorotriazine	degradate of simazine	5028	EM 62.9 (GW & SW) EMON-SM-05-062 (GW)	NA
DBCP	1,2-dibromo-3-chloropropane	fumigant, nematocide	183	NA	no active products in California since 1979
DCPA	chlorthal-dimethyl; dacthal	herbicide	179	EMON-SM-05-040 (GW)	broccoli, onions, brussels sprouts, cauliflower, cabbage, bok choy

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
DDVP	dichlorvos 2,2-dichloroethenyl dimethyl phosphate dichlorophos	insecticide	187	EMON-SM-05-049 (SW)	structural pest control, commodity fumigation, animal husbandry, buildings, other fumigation, regulatory, food processing
DEA	deethyl atrazine desethyl atrazine 2-chloro-4-isopropylamino-6-amino-s-triazine	degradate of atrazine	4051, 6048	EM 62.9 (GW & SW) EMON-SM-05-050 (GW) EMON-SM-05-062 (GW)	NA
dechlorometolachlor	deschlorometolachlor	degradate of metolachlor	6390	EMON-SM-05-034A (GW)	NA
deethylhydroxyatrazine	OIAT DEHA 2-hydroxy-4-isopropylamino-6-amino-s-triazine	degradate of atrazine	6644	NA	NA
desulfinyl fipronil	fipronil desulfinyl	degradate of fipronil	6373	EMON-SM-05-013 (SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	NA
desulfinyl fipronil amide	fipronil desulfinylamide	degradate of fipronil	6070	EMON-SM-05-013 (SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	NA
diazinon		insecticide	198	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	tomatoes, apples, onions, soil preplant, watermelons, peaches, pears
dicamba		herbicide	200, 780, 5007, 849, 5098, 1829, 6193, 5110, 5057, 1113	EMON-SM-05-012 (SW)	landscape, turf, rights of way, greenhouse flowers
dichlobenil	dichlorbenil	herbicide	112	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	rights of way, aquatic industrial, landscape, sewage, landscape, wine grapes, public health pest control
dichloran	2,6-dichloro-4-nitroaniline dicloran	fungicide	81	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	celery, lettuce, succulent beans, fennel, broccoli
dichlorprop		herbicide	2503	EMON-SM-05-050 (GW)	NA
diflubenzuron		insect growth regulator	1992	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	oranges, almonds, plums, tangerines, peaches, artichokes, nectarines

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
dimethenamid	dimethenamide dimethenamid-P	herbicide	5112	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	landscape maintenance
dimethoate		insecticide	216	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-50-060 (GW)	alfalfa, tomatoes, cotton, safflower, dried beans, broccoli
dimethomorph		fungicide	4003	EMON-SM-05-032 (GW)	head lettuce, leaf lettuce, spinach, onions, cucumbers, outdoor flower nursery, outdoor container nursery
dinoseb	2-sec-butyl-4,6-dinitrophenol	herbicide	238	NA	no active products in California since 1989
dinotefuran		insecticide	5822	EMON-SM-05-049 (SW) EMON-SM-05-052 (SW)	structural pest control, tomatoes for processing, cotton, cantaloupe, wine grapes, landscape, greenhouse plants
disulfoton		insecticide, nematicide	230	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	landscape
dithiopyr		herbicide	2308	EMON-SM-05-049 (SW) EMON-SM-05-060 (GW)	landscape, rights of way, outdoor container nursery, greenhouse flowers, outdoor propagation/flower nursery
diuron		herbicide	231	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	rights of way, alfalfa, oranges, wine grapes, cotton, landscape, tangerines, walnuts
diquat	diquat bromide (salt of diquat)	desiccant, herbicide	6730 (229)	NA	landscape, rights of way, potatoes, aquatic areas, alfalfa for forage, outdoor container nursery, uncultivated agricultural areas
DSMN	desmethylnorflurazon DMN demethylnorflurazon	degradate of norflurazon	5890	EM 62.9 (GW & SW) EMON-SM-05-050 (GW) EMON-SM-05-062 (GW)	NA
EPTC	S-ethyl dispropylthiocarbamate ethyl n,n-dipropyl thiocarbamate	herbicide	264	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	alfalfa, clover, birdsfoot trefoil, beans, potatoes, sunflowers
ethalfluralin		herbicide	2166	EMON-SM-05-054 (SW)	dry beans, dry peas, cucurbits, peanuts, soybeans, sunflowers
ethofumesate		herbicide	1900	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	landscape, onions, ornamental turf, greenhouse flowers, table and raisin grapes, perennial ryegrass

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
ethoprophos	ethoprop phosethoprop prophos	insecticide, nematicide	404	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	sweet potatoes, outdoor flowers, cabbage, beans, structural pest control
ethylene dibromide	dibromoethane 1,2-dibromoethane EDB	fumigant, nematicide	271	NA	no active products in California since 1987
ethylene dichloride	1,2-dichloroethane	fumigant, insecticide	274	NA	no active products in California since 1987
ethyl parathion	parathion parathion ethyl	insecticide	459	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	structural pest control
etofenprox	ethofenprox ephofenprox	insecticide	2292	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	public health pest control, structural pest control, regulatory, buildings, rights of way
fenamidone		fungicide	5791	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	leaf lettuce, head lettuce, spinach, onions, broccoli, carrots, cabbage
fenamiphos		insecticide, nematicide	1857	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	structural pest control
fenhexamid	fenhexamide N-(2,3-dichloro-4-hydroxyphenyl)-1-methylcyclohexanecarboxamide	fungicide	4032	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	wine grapes, table and raisin grapes, strawberries, cherries, blueberries, greenhouse flowers, greenhouse plants
fipronil		insecticide	3995	EMON-SM-05-013 (SW) EMON-SM-05-050 (GW)	structural pest control, regulatory, landscape, rights of way, other fumigation, public health pest control, greenhouse flowers, buildings
fipronil amide	fipronil carboxamide	degradate of fipronil	6040	EMON-SM-05-013 (SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	NA
fipronil sulfide		degradate of fipronil	6037	EMON-SM-05-013 (SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	NA
fipronil sulfone		degradate of fipronil	6038	EMON-SM-05-013 (SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	NA
fluazifop-p-butyl		herbicide	5815	EMON-SM-05-050 (GW)	carrots, wine grapes, onions, rights of way, landscape, almonds

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
fludioxonil		fungicide-	5027	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	strawberries, grapes, lemons, leaf lettuce, oranges, landscape, pomegranates (including post-harvest treatment)
flupyradifurone		insecticide	6098	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	alfalfa for forage, leaf lettuce, cotton, head lettuce, strawberries, sorghum for forage, corn
flutriafol	flutrifol	fungicide	5971	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	wine grapes, table and raisin grapes, strawberries, tomatoes for processing, bell peppers, peaches, nectarines
fomesafen		herbicide	5086	EMON-SM-05-050 (GW)	NA
fonofos	dyfonate	insecticide	254	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	NA
formaldehyde		microbicide	295	NA	public health pest control; no active products in California since 2020
glufosinate		herbicide	3946	EMON-SM-05-045 (GW)	almonds, grapes, pistachios, walnuts
glyphosate		herbicide	2997, 2301, 5810, 5972, 1855, 5820, 2275, 2327	EMON-SM-05-045 (GW)	landscape, almonds, grapes, uncultivated non-agricultural areas, walnuts, rights of way, tangerines, greenhouse flowers, pistachios, cotton
halosulfuron-methyl		herbicide	3919	EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	rice, landscape, corn, tomatoes, walnuts, pistachios, alfalfa, sorghum
hexachlorobenzene	HCB perchlorobenzene	fungicide	321	NA	no active products in California since 1988
hexazinone		herbicide	1871	EM 62.9 (GW & SW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-062 (GW)	alfalfa, forest, forage grasses, rights of way, uncultivated agriculture, commodity research, landscape
hydroxymetolachlor		degradate of metolachlor	6405	EMON-SM-05-034A (GW)	NA
hydroxysimazine	2-hydroxy-4,6-bis(ethylamino)-S-triazine simazine-2-hydroxy	degradate of simazine	5030	EMON-SM-05-062 (GW)	NA

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
imidacloprid		insecticide	3849	EMON-SM-05-032 (GW) EMON-SM-05-034 (Soil) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-052 (SW) EMON-SM-05-060 (GW)	wine grapes, tomatoes, structural pest control, table and raisin grapes, citrus
imidacloprid olefin	olfenic imidacloprid	degradate of imidacloprid	5901	EMON-SM-13.0 (GW)	NA
imidacloprid urea		degradate of imidacloprid	5903	EMON-SM-13.0 (GW)	NA
imidacloprid guanidine		degradate of imidacloprid	5900	EMON-SM-13.0 (GW)	NA
imidacloprid olfenic guanidine		degradate of imidacloprid	5902	EMON-SM-13.0 (GW)	NA
indoxacarb		insecticide	4001, 5331	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	alfalfa, cotton, structural pest control, broccoli, tomatoes, peaches, cauliflower
isoxaben	benzamizole	herbicide	2289	EM-SM-05-025 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	rights of way, grapes, almonds, landscape
kresoxim-methyl		fungicide	5451	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	grapes, pears, apples, greenhouse plants
linuron	methoxydiuron	herbicide	361	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	carrots, celery, cilantro, parsley, asparagus, dill, peas
malathion		insecticide	367	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	cotton, alfalfa, strawberries, lettuce, broccoli, celery, tomatoes
MCPA	(2-methyl-4-chlorophenoxy) acetic acid (4-chloro-2-methylphenoxy) acetic acid	herbicide	2326, 786, 5059, 784, 785, 787, 788, 6263	EMON-SM-05-012 (SW) EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	wheat, barley, landscape, oats, rangeland
MCPP	mecoprop	herbicide	374	EMON-SM-05-050 (GW)	landscape, outdoor container nursery

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
mefenoxam/metalaxyl	metalaxyl-m	fungicide	4011, 2132	EM-SM-05-025 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, spinach, carrots, onions, tomatoes, strawberries, tangerines
mesotrione		herbicide	6069	EMON-SM-05-050 (GW)	almonds, pistachios, walnuts, tangerines, oranges, aquatic area
methidathion		insecticide	1689	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	timothy, forage grasses, apples, structural pest control
methiocarb		insecticide, molluscicide	375	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	outdoor container nursery, outdoor flowers, structural pest control
methomyl		insecticide	383	EM-SM-05-025 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-060 (GW)	corn, lettuce, alfalfa, onions, celery, brussels sprouts
methoxychlor		insecticide	384	NA	no active products in California since 2002
methoxyfenozide		insect growth regulator	5698	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, pistachios, walnuts, wine grapes, alfalfa, table and raisin grapes, tomatoes
methyl bromide	bromomethane	fumigant, fungicide, herbicide, insecticide	385	NA	soil preplant, outdoor propagation, outdoor containers, other fumigation, commodity fumigation, strawberries
methyl parathion	parathion methyl	insecticide, nematicide	394, 4083	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	landscaping, wine grapes
metolachlor	S-metolachlor	herbicide	1996	EM 38.0 EMON-SM-05-032 (GW) EMON-SM-05-034 (Soil) EMON-SM-05-034A (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-06-060 (GW)	tomatoes, corn, dried beans, soil preplant, potatoes, garbanzo beans, sorghum
metolachlor ESA	metolachlor ethanesulfonic acid	degradate of metolachlor	5806	EMON-38.0 (GW) EMON-SM-05-034A (GW) EMON-SM-05-034 (Soil)	NA

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
metolachlor OXA	metolachlor OA metolachlor oxanilic acid	degradate of metolachlor	5807	EMON-38.0 (GW) EMON-SM-05-034A (GW) EMON-SM-05-034 (Soil)	NA
metribuzin		herbicide	1692	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-051 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	alfalfa, tomatoes, potatoes, forage grasses, garbanzo beans, carrots, asparagus soil preplant
metribuzin DA	desaminometribuzin metribuzin desamino 6-(1,1-dimethylethyl)-3-(methylthio)- 1,2,4-triazin-5-(4H)-one	degradate of metribuzin	4079, 6469	EMON-SM-05-051 (GW)	NA
metribuzin DADK	desaminodiketometribuzin metribuzin desaminodiketo 6-(1,1-dimethylethyl)-3,5-(diketo)-1,2,4- triazin-5-(2H,4H)-dione	degradate of metribuzin	6676	EMON-SM-05-051 (GW)	NA
metribuzin DK	diketometribuzin metribuzin diketo 4-amino-6-(1,1-dimethylethyl)-3,5- (diketo)-1,2,4-triazin-5-(2H,4H)-dione	degradate of metribuzin	6408	EMON-SM-05-051 (GW)	NA
metsulfuron methyl		herbicide	2222	EMON-SM-05-050 (GW)	no active products in California since 1988
molinate		herbicide	449	EM-SM-05-001 (GW) EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	no active products in California since 2009
MTP	dacthal monoacid monomethyl tetrachloroterephthalic acid	degradate of DCPA	4081, 6046, 6387	EMON-SM-05-040 (GW)	NA
myclobutanil		fungicide	2245	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	wine grapes, table and raisin grapes, strawberries, cherries, tomatoes, cotton, lettuce
naphthalene		insecticide	421	NA	mothballs, insect repellents

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
napropamide		herbicide	1728	EM-SM-05-004 (GW) EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	broccoli, cauliflower, outdoor nursery containers, strawberries, brussels sprouts, basil, outdoor nursery flowers, tomatoes
norflurazon		herbicide	2019	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	alfalfa, almonds, tangerines, walnuts, wine grapes, table and raisin grapes, blueberries, oranges
o-xylene		isomer of xylene	6705	NA	NA
ortho-dichlorobenzene	1,2-dichlorobenzene	insecticide	578	NA	no active products in California since 1985
orthosulfamuron		herbicide	5904	EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	rice
oryzalin		herbicide	1868	EM-SM-05-004 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-060 (GW)	almonds, pistachios, wine grapes, walnuts, right of way, landscaping, table and raisin grapes
oxadiazon		herbicide	2017	EMON-SM-05-050 (GW) EMON-SM-05-049 (SW)	landscaping, turf, outdoor container nursery, outdoor flower nursery, right of way, greenhouse flowers
oxyfluorfen		herbicide	1973	EMON-SM-05-054 (SW)	almonds, pistachios, wine grapes, walnuts, right of way, table and raisin grapes
pendimethalin	pendamethalin	herbicide	1929	EMON-SM-05-032 (GW) EMON-SM-05-054 (SW)	almonds, alfalfa, pistachios, wine grapes, table and raisin grapes, walnuts, cotton
penoxsulam		herbicide	5889	EMON-SM-05-044 (GW) EMON-SM-05-050 (GW) EMON-SM-05-061 (GW)	rice, almonds, pistachios, right of way, walnuts, forests, pomegranates
pentachlorophenol	PCP	herbicide, insecticide, fungicide	465	NA	no active products in California since 2005
phorate		insecticide, nematicide	478	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	cotton, outdoor flower nursery, potatoes, corn, landscaping
phorate sulfone		degradate of phorate	4084	EMON-SM-05-032 (GW)	NA
phorate sulfoxide		degradate of phorate	4085	EMON-SM-05-032 (GW)	NA
picloram		herbicide	593	NA	no active products in California since 1988
piperonyl butoxide	PBO	insecticide, synergist	486	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	structural and public health pest control, almonds, strawberries, buildings, landscaping, oranges

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
prodiamine		herbicide	2236	EMON-SM-05-054 (SW)	landscaping, outdoor nursery containers, right of way, greenhouse flowers, turf, nursery outdoor propagation
prometon		herbicide	499	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	structural pest control
prometryn		herbicide	502	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	celery, cilantro, parsley, fennel, carrots, cotton, dill
propanil	3,4-dichloropropionanilide	herbicide	503	EMON-SM-05-032 (GW) EMON-SM-05-044 (GW) EMON-SM-05-049 (SW) EMON-SM-05-060 (GW) EMON-SM-05-061 (GW)	rice, almonds, cherries
propargite		insecticide	445	EMON-SM-05-049 (SW)	corn, walnuts, almonds, alfalfa, cherries, cotton, sorghum
propiconazole		fungicide	2276	EMON-SM-05-032 (GW) EMON-SM-05-044 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-061 (GW)	almonds, walnuts, wood treatment, landscaping, peaches, celery, garlic
propyzamide	pronamide	herbicide	694	EM-SM-05-025 (GW)	lettuce, radicchio, endive, ornamental turf, artichokes
pyraclostrobin		fungicide	5759	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	almonds, wine grapes, table and raisin grapes, strawberries, tomatoes, walnuts, tangerines
pyriproxyfen		insect growth regulator	4019	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	oranges, structural pest control, almonds, cotton, walnuts, tangerines, peaches
quinoxifen		fungicide	5787	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	wine grapes, table and raisin grapes, strawberries, cherries, peaches, bell peppers, watermelons

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Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
saflufenacil		herbicide	5977	EMON-SM-05-032 (GW)	almonds, pistachios, walnuts, alfalfa for forage, oranges, tangerines, right of way
simazine		herbicide	531	EM 62.9 (GW & SW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	wine grapes, table and raisin grapes, oranges, almonds, avocado, walnuts, olives, right of way
sulfentrazone		herbicide	5923	EMON-SM-05-032 (GW) EMON-SM-05-041 (GW)	landscaping, rights of way, mint, strawberries, grapes, wine grapes, walnuts
sulfentrazone-3-carboxylic acid	SCA	degradate of sulfentrazone	7002	EMON-SM-05-041 (GW)	NA
sulfentrazone DMS	3-desmethyl sulfentrazone	degradate of sulfentrazone	NA	EMON-SM-05-032 (GW)	NA
sulfometuron methyl		herbicide	2149	EMON-SM-05-032 (GW)	right of way, landscape, forestry, regulatory, uncultivated agriculture, structural pest control, commodity research
sulfoxaflor		insecticide	6109	EMON-SM-05-050 (GW) EMON-SM-05-049 (SW) EMON-SM-05-052 (SW)	cotton, lettuce, broccoli, celery, brussels sprouts, cauliflower
tebuconazole		fungicide	3850	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	wine grapes, almonds, table and raisin grapes, walnuts, wood treatment, landscaping, garlic
tebufenozide		insect growth regulator	3957	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	wine grapes, greenhouse propagation
tebuthiuron		herbicide	1810	EM 62.9 (GW & SW) EMON-SM-05-005 (GW) EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-062 (GW)	landscaping, right of way, uncultivated non-agriculture, structural pest control
tefluthrin		insecticide	3839	NA	never registered for use in California
tetraconazole		fungicide	5939	EMON-SM-05-050 (GW)	wine grapes, table and raisin grapes, strawberries, bell peppers, watermelons, cantaloupe, melons
thiabendazole	2-(4-thiazolyl) benzimidazole	fungicide	587	EMON-SM-05-054 (GW)	oranges, citrus, lemons, mushrooms, dried beans, commodity fumigation, grapefruit

PESTICIDE INFORMATION

Groundwater Protection Program Fact Sheet, Data Sources Checked July 2025



Pesticide or Degradate	Synonyms	Pesticide Type	DPR Chemical Code	DPR Analytical Method	Primary Uses
thiacloprid		insecticide	5888	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-052 (SW)	landscaping
thiamethoxam		insecticide	5598	EMON-SM-05-032 (GW) EMON-SM-05-049 (SW) EMON-SM-05-052 (SW) EMON-SM-05-060 (GW)	oranges, sunflowers, wine grapes, tomatoes, other fumigation lettuce, cotton
thiobencarb	benthiocarb	herbicide	1933	EMON-SM-05-032 (GW) EMON-SM-05-044 (GW) EMON-SM-05-049 (SW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW) EMON-SM-05-061 (GW)	rice, uncultivated non-agriculture
TPA	dacthal diacid tetrachloroterephthalic acid	degradate of DCPA	4099	EMON-SM-05-040 (GW)	NA
trans-permethrin		isomer of permethrin	6688	NA	NA
triallate		herbicide	49	EMON-SM-05-032 (GW) EMON-SM-05-060 (GW)	bermudagrass
tribufos	tribufos (DEF) S,S,S-tributylphosphorotrithioate	defoliant, plant growth regulator	190	EMON-SM-05-050 (GW)	cotton
triclopyr		herbicide	2131, 2170, 6281, 6615	EMON-SM-05-012 (SW) EMON-SM-05-044 (GW) EMON-SM-05-061 (GW)	right of way, rice, forests, landscaping, uncultivated non-agriculture, uncultivated agriculture, pasture
trifloxystrobin		fungicide	5321	EMON-SM-05-049 (SW) EMON-SM-05-050 (GW)	almonds, wine grapes, table and raisin grapes, strawberries, pistachios, cherries, peaches
triflumizole		fungicide	2260	EMON-SM-05-050 (GW)	wine grapes, table and raisin grapes, strawberries, cherries, brussels sprouts, pears, watermelons
trifluralin		herbicide	597	EMON-SM-05-054 (SW)	alfalfa, tomatoes, bermuda grass, cotton, almonds, carrots
uniconazole	uniconazole-P	fungicide	2312	EMON-SM-05-032 (GW) EMON-SM-05-050 (GW) EMON-SM-05-060 (GW)	greenhouse propagation, greenhouse plants, outdoor nursery containers, outdoor nursery propagation, tomatoes, outdoor nursery flowers, greenhouse flowers
xylene		herbicide	622	NA	no active products in California since 1994
xylene, m- and p-	xylene, meta- and para-	isomers of xylene	6726	NA	NA