

Table 2D. Pesticides and pesticide degradates, primary use or source, U.S. Geological Survey (USGS) parameter code, Chemical Abstract Service (CAS) number, laboratory reporting level (LRL) for the USGS National Water Quality Laboratory analytical schedule 2060, type of comparison threshold for ground-water detections, and the corresponding threshold value.

[The five-digit USGS parameter code is used to uniquely identify a specific constituent or property; HAL-US, U.S. Environmental Protection Agency Lifetime Health Advisory; MCL-CA, California Department of Health Services maximum contaminant level; MCL-US, U.S. Environmental Protection Agency maximum contaminant level; na, not available; RSD5, risk specific dose at 10E-5 µg/L; µg/L, micrograms per liter]

Constituent (common name)	Primary use or source	USGS parameter code	CAS number	LRL (µg/L)	Comparison type	Threshold value (µg/L)
Acifluorfen	Herbicide	49315	50594-66-6	0.028	na	na
Aldicarb ¹	Insecticide	49312	116-06-3	0.04	MCL-US	3
Aldicarb sulfone	Insecticide/ degradate	49313	1646-88-4	0.018	MCL-US	3
Aldicarb sulfoxide	Degradate	49314	1646-87-3	0.022	MCL-US	4
Atrazine	Herbicide	39632	1912-24-9	0.008	MCL-CA	1
Bendiocarb	Insecticide	50299	22781-23-3	0.020	na	na
Benomyl	Fungicide	50300	17804-35-2	0.022	na	na
Bensulfuron-methyl	Herbicide	61693	83055-99-6	0.018	na	na
Bentazon	Herbicide	38711	25057-89-0	0.012	MCL-CA	18
Bromacil	Herbicide	04029	314-40-9	0.018	HAL-US	70
Bromoxynil	Herbicide	49311	1689-84-5	0.028	na	na
Caffeine	Beverages	50305	58-08-2	0.018	na	na
Carbaryl	Herbicide	49310	63-25-2	0.018	RSD5-US	400
Carbofuran	Herbicide	49309	1563-66-2	0.016	MCL-CA	18
Chloramben, methyl ester	Herbicide	61188	7286-84-2	0.024	na	na
Chlorimuron-ethyl	Herbicide	50306	90982-32-4	0.032	na	na
3-(4-Chlorophenyl)-1-methyl urea	Degradate	61692	5352-88-5	0.036	na	na
Chlorothalonil	Herbicide	49306	1897-45-6	0.035	RSD5	15
Clopyralid	Herbicide	49305	1702-17-6	0.024	na	na
Cycloate	Herbicide	04031	1134-23-2	0.014	na	na
2,4-D (2,4-Dichlorophenoxyacetic acid)	Herbicide	39732	94-75-7	0.038	MCL-US	70
2,4-D methyl ester (2,4-Dichlorophenoxyacetic acid methyl ester)	Herbicide	50470	1928-38-7	0.016	na	na
2,4-DB (4-(2,4-Dichlorophenoxy)butyric acid)	Herbicide	38746	94-82-6	0.020	na	na
DCPA (Dacthal) monoacid	Degradate	49304	887-54-7	0.028	na	na
Deethylatrazine (2-Chloro-4-isopropylamino-6-amino- <i>s</i> -triazine; CIAT)	Degradate	04040	6190-65-4	0.028	na	na
Deethyldeisopropyl atrazine (2-Chlor-4,6-diamino- <i>s</i> -triazine)	Degradate	04039	3397-62-4	0.04	na	na
Deisopropyl atrazine (2-chloro-6-ethylamino-4-amino- <i>s</i> -triazine; CEAT)	Degradate	04038	1007-28-9	0.08	na	na
Dicamba	Herbicide	38442	1918-00-9	0.036	HAL-US	4,000
Dichlorprop	Herbicide	49302	120-36-5	0.028	na	na
Dinoseb	Herbicide	49301	88-85-7	0.038	MCL-CA	7
Diphenamid	Herbicide	04033	957-51-7	0.010	HAL-US	200
Diuron	Herbicide	49300	330-54-1	0.015	HAL-US	10
Fenuron	Herbicide	49297	101-42-8	0.019	na	na
Flumetsulam	Herbicide	61694	98967-40-9	0.040	na	na
Fluometuron	Herbicide	38811	2164-17-2	0.016	HAL-US	90
Hydroxyatrazine (2-Hydroxy-4-isopropylamino-6-ethylamino- <i>s</i> -triazine)	Degradate	50355	2163-68-0	0.032	na	na
3-Hydroxycarbofuran	Degradate	49308	16655-82-6	0.008	na	na
Imazaquin	Herbicide	50356	81335-37-7	0.036	na	na
Imazethapyr	Herbicide	50407	81335-77-5	0.038	na	na
Imidacloprid	Insecticide	61695	138261-41-3	0.020	na	na
Linuron	Herbicide	38478	330-55-2	0.014	na	na
MCPA (2-Methyl-4-chlorophenoxyacetic acid)	Herbicide	38482	94-74-6	0.030	HAL-US	30
MCPB (4-(2-Methyl-4-chlorophenoxy) butyric acid)	Herbicide	38487	94-81-5	0.010	na	na
Metalaxyl	Fungicide	50359	57837-19-1	0.012	na	na

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Constituent (common name)	Primary use or source	USGS parameter code	CAS number	LRL (µg/L)	Comparison type	Threshold value (µg/L)
Methiocarb	Insecticide	38501	2032-65-7	0.010	na	na
Methomyl	Insecticide	49296	16752-77-5	0.020	HAL-US	200
Metsulfuron methyl ¹	Herbicide	61697	74223-64-6	0.025	na	na
Neburon	Herbicide	49294	555-37-3	0.012	na	na
Nicosulfuron	Herbicide	50364	111991-09-4	0.04	na	na
Norflurazon	Herbicide	49293	27314-13-2	0.020	na	na
Oryzalin	Herbicide	49292	19044-88-3	0.012	na	na
Oxamyl	Insecticide	38866	23135-22-0	0.030	MCL-CA	50
Picloram	Herbicide	49291	1918-02-01	0.032	MCL-US	500
Propham	Herbicide	49236	122-42-9	0.030	HAL-US	100
Propiconazole	Fungicide	50471	60207-90-1	0.010	na	na
Propoxur	Insecticide	38538	114-26-1	0.008	na	na
Siduron	Herbicide	38548	1982-49-6	0.020	na	na
Sulfometuron-methyl	Herbicide	50337	74222-97-2	0.038	na	na
Tebuthiuron	Herbicide	82670	34014-18-1	0.026	HAL-US	500
Terbacil	Herbicide	04032	5902-51-2	0.016	HAL-US	90
2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	Negative ion surrogate/ herbicide	99958	93-76-5	0.1	na	na
Triclopyr	Herbicide	49235	55335-06-3	0.026	na	na

¹Although listed as an LRLs, these constituents are reported using method reporting levels (MRLs).