

### **2024 Groundwater Protection List**

The GWPL is a list of agricultural use pesticide active ingredients that have the potential to pollute groundwater. An agricultural use pesticide active ingredient is placed on the GWPL for any of the following reasons: 1) it fails to comply with the established specific numeric values, 2) the environmental fate assessment indicates potential to leach to groundwater, or 3) an active ingredient or degradation product has been detected in groundwater consistent with established testing requirements.

Pursuant to A.A.C. R18-6-301, the Department is publishing the 2024 GWPL. The 2023 GWPL contained 105 active ingredients; the 2024 GWPL would add one active ingredient. The 2024 GWPL will become effective on December 1, 2024, in accordance with R18-6-301(A)(3) and will be posted on the agency's website at: <http://www.azdeq.gov/arizona-pesticide-groundwater-quality-protection-program>

<b>2023 Groundwater Protection List</b>		
<b>List Number</b>	<b>CAS Number</b>	<b>Chemical Name</b>
1.	<b>94-75-7</b>	<b>2,4-D Acid</b>
2.	1928-43-4	2,4-D 2-Ethylhexyl Ester
3.	1929-73-3	2,4-D Butoxyethyl Ester
4.	5742-19-8	2,4-D Diethanolamine Salt
5.	2008-39-1	2,4-D Dimethylamine Salt
6.	5742-17-6	2,4-D Isopropylamine Salt
7.	94-11-1	2,4-D Isopropyl Ester of
8.	32341-80-3	2,4-D Trisopropanolamine Salt
9.	34256-82-1	Acetochlor
10.	135158-54-2	Acibenzolar-S-Methyl
11.	129909-90-6	Amicarbazone
12.	858956-08-8	Aminocyclopyrachlor
13.	<b>1912-24-9</b>	<b>Atrazine</b>
14.	131860-33-8	Azoxystrobin
15.	352010-68-5	Bicyclopyrone
16.	<b>314-40-9</b>	<b>Bromacil</b>
17.	53404-19-6	Bromacil, Lithium Salt
18.	<b>63-25-2</b>	<b>Carbaryl</b>
19.	128639-02-1	Carfentrazone-Ethyl
20.	50008-15-1	Chlorantraniliprole
21.	122453-73-0	Chlorfenapyr
22.	1702-17-6	Clopyralid

23.	57754-85-5	Clopyralid monoethanolamine salt
24.	1897-45-6	Chlorothalonil
25.	420-04-2	Cyanamide
26.	736994-63-1	Cyantraniliprole
27.	113136-77-9	Cyclanilide
28.	52918-63-5	Deltamethrin
29.	13684-56-5	Desmedipham
30.	<b>1918-00-9</b>	<b>Dicamba</b>
31.	25059-78-3	Dicamba, DEA Salt
32.	104040-79-1	Dicamba, DGA Salt
33.	2300-66-5	Dicamba, DMA Salt
34.	10007-85-9	Dicamba, Potassium Salt
35.	1982-69-0	Dicamba, Sodium Salt
36.	<b>110488-70-5</b>	<b>Dimethomorph</b>
37.	165252-70-0	Dinotefuran
38.	<b>330-54-1</b>	<b>Diuron</b>
39.	2439-10-3	Dodine
40.	144-21-8	DSMA (Disodium Methanearsonate)
41.	137512-74-4	Emamectin Benzoate
42.	<b>115-29-7</b>	<b>Endosulfan</b>
43.	473798-59-3	Fenpyrazamine
44.	104040-78-0	Flazasulfuron
45.	158062-67-0	Flonicamid
46.	145701-21-1	Florasulam
47.	1254304-22-7	Fluazaindolizine*
48.	335104-84-2	Flubendiamide
49.	318290-98-1	Fluensulfone
50.	142459-58-3	Flufenacet (Thiafluamide)
51.	658066-35-4	Fluopyram
52.	193740-76-0	Fluoxastrobin
53.	951659-40-8	Flupyradifurone
54.	<b>66332-96-5</b>	<b>Flutolanil</b>
55.	76674-21-0	Flutriafol
56.	68157-60-8	Forchlorfenuron
57.	77182-82-2	Glufosinate-Ammonium
58.	112226-61-6	Halofenozide

59.	100784-20-1	Halosulfuron-Methyl
60.	<b>114311-32-9</b>	<b>Imazamox</b>
61.	104098-48-8	Imazapic
62.	<b>81335-77-5</b>	<b>Imazethapyr</b>
63.	101917-66-2	Imazethapyr, Ammonium Salt
64.	122548-33-8	Imazosulfuron
65.	<b>138261-41-3</b>	<b>Imidacloprid</b>
66.	950782-96-2	Indaziflam
67.	144550-36-7	Iodosulfuron-Methyl-Sodium
68.	<b>330-55-2</b>	<b>Linuron</b>
69.	128-58-3	MAA (Methanearsonic Acid)
70.	374726-62-2	Mandipropamid
71.	12427-38-2	Maneb
72.	16484-77-8	Mecoprop-P (MCP-P)
73.	70630-17-0	Mefenoxam
74.	208465-21-8	Mesosulfuron-Methyl
75.	<b>16752-77-5</b>	<b>Methomyl</b>
76.	<b>161050-58-4</b>	<b>Methoxyfenozide</b>
77.	<b>21087-64-9</b>	<b>Metribuzin</b>
78.	2163-80-6	Monosodium Methanearsonate (MSMA)
79.	111991-09-04	Nicosulfuron
80.	<b>23135-22-0</b>	<b>Oxamyl</b>
81.	494793-67-8	Penflufen
82.	117428-22-5	Picoxystrobin
83.	<b>1610-78-0</b>	<b>Prometon</b>
84.	<b>7287-19-6</b>	<b>Prometryn</b>
85.	18311274-15-7	Propoxycarbazone-sodium
86.	94125-34-5	Prosulfuron
87.	123312-89-0	Pymetrozine
88.	175013-18-0	Pyraclostrobin
89.	221205-90-9	Pyrimisulfan
90.	123343-16-8	Pyriothiobac Sodium
91.	447399-55-5	Pyroxasulfone
92.	84087-01-4	Quinclorac
93.	372137-35-4	Saflufenacil
94.	87392-12-9	S-Metolachlor

95.	81591-81-3	Sulfosate
96.	107534-96-3	Tebuconazole
97.	112410-23-8	Tebufenozide
98.	153719-23-4	Thiamethoxam
99.	317815-83-1	Thiencarbazone-methyl
100.	1220411-29-9	Tiafenacil
101.	1101132-69-5	Tolpyralate
102.	210631-68-8	Topramezone
103.	55335-06-3	Triclopyr
104.	117718-60-2	Thiazopyr
105.	199119-58-9	Trifloxysulfuron-Sodium
106.	95266-40-3	Trinexapac-Ethyl

**Bold** text indicates ingredients that have been detected historically in Arizona groundwater.

Asterisk (\*) indicates 2024 additions to the GWPL.