



AG Reporting for Protection of Groundwater

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According to Arizona Revised Statutes § 49-305, the Arizona Department of Environmental Quality (ADEQ) is required to establish a Groundwater Protection List (GWPL) containing pesticide products and their active ingredients that have the potential to pollute groundwater. ADEQ also monitors active ingredients on the GWPL in soils and groundwater to accurately determine their mobility and determine if they have migrated to groundwater. Each year, the GWPL is revised if needed and presented for public comment. The final GWPL is published and becomes effective on December 1 of the publication year.

Some agriculture related pesticide applications are required to be reported to the Arizona Department of Agriculture (ADA) via 1080s. Specifically, any "soil-applied" active ingredient found on the ADEQ's groundwater protection list must be reported (list below).

Per rule R18-6-101, "Soil-applied means an agricultural use pesticide intended for application to or injection into the soil by ground-based application equipment or chemigation, or the label of the pesticide requires or recommends that the application is followed within 72 hours by flood or furrow irrigation." 1080s are to be filed "no later than the Thursday following the calendar week in which the application is completed."

This brief is not intended to be a complete listing of all law and regulations governing the use of pesticides in the State of Arizona. Nor, is it to be construed to be any sort of legal opinion. This brief is dated material and therefore subject to change. It is the responsibility of individuals to be fully aware of all current laws and associated regulations governing pesticide use in the State of Arizona.

List of pesticides by common name that occur on ADEQ's Groundwater Protection List for 2014.

2,4-D Acid	Dicamba, Sodium Salt	Mecoprop-P (MCP-P)
2,4-D Butoxyethyl Ester	Dimethomorph	Mefenoxam
2,4-D Diethanolamine Salt	Dinotefuran	Mesosulfuron-Methyl
2,4-D Diethylamine Salt	Diuron	Methomyl
2,4-D 2-Ethylhexyl Ester	DSMA (Disodium Methanearsonate)	Methoxyfenozide
2,4-D Isopropylamine Salt	Emamectin Benzoate	Metribuzin
2,4-D Isopropyl Ester	Endosulfan	Monosodium Methanearsonate (MSMA)
2,4-D Triisopropanolamine Salt	Flazasulfuron	Nicosulfuron
Acibenzolar-S-Methyl	Fonicamid	Oxamyl
Amicarbazone	Florasulam	Penflufen
Aminocyclopyrachlor	Flubendiamide	Picoxystrobin
Atrazine	Flufenacet (Thiafluamide)	Prometon
Azoxystrobin	Fluopyram	Prometryn
Bromacil	Fluoxastrobin	Propoxycarbazone-sodium
Bromacil, Lithium Salt	Flutolanil	Prosulfuron
Carbaryl	Glufosinate-Ammonium	Pymetrozine
Carfentrazone-Ethyl	Halofenozide	Pyrithiobac Sodium
Chlorantraniliprole	Halosulfuron-Methyl	Quinclorac
Chlorfenapyr	Imazamox	Saflufenacil
Clopyralid	Imazapic	Sulfosate
Cyanamide	Imazethapyr	Tebuconazole
Cyclanilide	Imazethapyr, Ammonium Salt	Tebufenozide
Deltamethrin	Imazosulfuron	Thiamethoxam
Desmedipham	Imidacloprid	Thiencarbazone-methyl
Dicamba	Indaziflam	Topramezone
Dicamba, DEA Salt	Linuron	Thiazopyr
Dicamba, DGA Salt	MAA (Methanearsonic Acid)	Triclopyr
Dicamba, DMA Salt	Mandipropamid	Trifloxysulfuron-Sodium
Dicamba, Potassium Salt	Maneb	Trinexapac-Ethyl

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