



Ground Water Pesticide Fact Sheet
Pesticide Leachability



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This fact sheet summarizes pesticide uses and leachability ratings for 30 pesticides that are listed as pesticides of national concern by the Environmental Protection Agency (EPA). The Idaho State Department of Agriculture (ISDA) has developed this fact sheet to provide applicators with a general guide (Table 1). Ground water in Idaho may be vulnerable to these potentially leachable pesticides. Some of these pesticides have been detected in Idaho ground water through various ground water monitoring programs (Table 1). The goal of ISDA is to educate applicators and the public of these issues. Applicators need to follow the label and pay attention to specific restrictions and warnings to reduce the potential for ground water contamination from pesticides.

Table 1. EPA list of pesticide uses and leachability ratings for 30 pesticides that are pesticides of national concern.

Common Name	Brand Name	Uses	Leachability Rating	Detected in Idaho Ground Water
Acetochlor	Surpass, Fultime, Topnotch	Corn	High	No
Acifluorfen	Not Registered in Idaho	Soybeans, peanuts, rice	High	No
Alachlor	Lasso	Dry Beans, lima beans, corn,	Medium	Yes
Aldicarb	Temik	Potatoes, sugar beets, dry beans	High	No
Atrazine ¹	Aatrex	Corn, wheat stubble & fallow, noncrop, turf, conifers	High	Yes
Bentazon	Basagran	Corn, apples, beans, cherries, berries, grapes, peas, mint, stone fruits, turf, noncrop	High	Yes
Bromacil	Krovar, Hyvar	Noncrop, right of way	High	Yes
Carbaryl	Carbaryl	Corn, noncrop, stone fruits, wheat, ornamental, turf, beans, flowers, berries, vegetables, grapes	High	Yes
Carbofuran	Furadan	Potatoes, sugar beets, dry beans	High	No
Dacthal ¹	Dacthal	Turf, onions, beans, melons, nursery, potato seed treatment	High	Yes
Diazinon ¹	Diazinon	Corn, beans, peas, onions, sugar beets, vegetables, berries, cherries, peaches, stone fruits, nurseries	Medium	Yes
Dicamba	Dicamba	Turf, golf courses, athletic fields, parks, noncrop areas, industrial sites	High	Yes
Diuron ¹	Diuron, Karmex, Krovar	Alfalfa, apples, barley, berries, corn, grapes, mint, oats, peaches, pears, wheat, noncrop, ponds	High	Yes
EPTC	Doubleplay, Eptek, Eptam, Eradicane	Alfalfa, beans, clover, corn, potatoes, sugar beets	Medium	Yes
Fenamiphos	Nemacur	Nursery, turf, golf courses, strawberries	High	No
Fluometuron	Not Registered in Idaho	Cotton, sugarcane	High	Yes
Hexazinone	Hexazinone, Pronone, Velpar	Forestry, Christmas trees, noncrop, pastures, alfalfa, turf, blueberries, rangeland	High	Yes

Table 1. Continued from first page.

Common Name	Brand Name	Uses	Leachability Rating	Detected in Idaho Ground Water
Lindane	Agrox, Kernal Guard, Lindane	Barley, Corn, Oats, Rye, Wheat (seed treatments)	High	No
Linuron	Linex, Lorox	Corn, vegetables, potatoes, noncrop, poplars, roadsides	High	No
Metalaxyl	Allegiance, Gaucho, Raxil, Rival, Apron, Ridomil, Subdue	Alfalfa, barley, beans, corn, oats, rye, sugar beets, wheat, and many other seed treatment uses; turf, potatoes, onions, apples, cherries, peaches, sugar beets	High	No
Methomyl	Bluestreak, Deosect, Lannate	Fly bait at livestock, food facilities, dumps, and eating establishments; alfalfa, fruits, beans, corn, lentils, mint, onions, peas, potatoes, sugar beets, wheat	High	No
Metolachlor	Drexel, Parallel, Bicep, Dual, Cinch, Lexar, Medal	Corn, beans, peas, lentils, potatoes, nursery, ornamentals, turf	High	Yes
Metribuzin ¹	Axium, Metribuzin, Sencor	Corn, alfalfa, asparagus, barley, carrots, peas, beans, potatoes, turf, tomatoes, wheat	High	Yes
Norflurazon	Predict, Solicam, Zorial Rapid	Noncrop, agricultural drainage systems, alfalfa, nursery, apples, berries, cherries, peaches, hops, grapes, stone fruits, noncrop, right of ways	Medium	No
Picloram	Tordon, Grazon, Pathway	Barley, oats, wheat, pastures, grazing land, fallow, forest plantations, noncrop, industrial sites, right of ways,	High	Yes
Prometon	Enforcer, Pramitol, Turf King	Noncrop, fences, industrial, right of ways, driveways	High	Yes
Propachlor	Not Registered in Idaho	Corn, onions, rice	Medium	No
Simazine ¹	Pramitol, Princep, Simazine,	Aquaria, ponds, noncrop, trees, Christmas trees, berries, cherries, grapes, stone fruits, turf, corn	High	Yes
Terbufos	Counter	Corn, sugar beets	Low	No
Tebuthiuron	Spike, Sprakel	Noncrop, pastures, right of ways, ditch banks	High	Yes

Table 2. List of other pesticides found in Idaho ground water; the pesticide uses, and leachability ratings.

Common Name	Brand Name	Uses	Leachability Rating	Detected in Idaho Ground Water
2,4-D	Many Names	Corn, fruits, nursery, turf, wheat, noncrop, other	High	Yes
Bromoxynil	Bison, Bromac, Bronate, Moxy, Rhino	Alfalfa, barley, cereals, corn, mint, onion, turf, wheat	High	Yes
Butachlor	No Longer Registered in Idaho	Barley, sugar beets, wheat	High	Yes
Diclofop-Methyl ¹	Hoelon	Barley, wheat	High	Yes
Methidathion	Supracide	Apples, apricots, cherries, nursery, peaches, pears	High	Yes
Propazine	No Longer Registered in Idaho	Sorghum, carrots, celery, fennel	High	Yes
Terbacil	Sinbar	Alfalfa, asparagus, berries, peaches, mint	High	Yes
Triallate ¹	Far-go, Buckle	Barley, wheat, peas, lentils, rye, corn, onions	High	Yes

¹ Pesticides detected in Idaho found at greater than 20% of a Reference Point and may require a Chemical Specific Management Plan.

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