

Pesticide Common Names, Trade Names and Relative Toxicity

Trade names are capitalized. Common names are in lower case.

The Resistance Management Group number relates to the pesticide mode of action. Pesticides with the same group number act in a similar way and should be rotated with other products to limit development of pest resistance.

The toxicity data are based on tests with rats and rabbits and are considered relevant to all mammals including humans. The principle source of information for the tables is Farm Chemicals Handbook (Sine, C. ed., 2014, Meister Pub. Co.). The following categories have been used: Dermal — LD50 : 0 to 200 mg/kg, very toxic; 201 to 1,000 mg/kg, moderately toxic; more than 1,000 mg/kg, slightly toxic. Oral — LD50 : 0 to 50 mg/kg, very toxic; 51 to 500 mg/kg, moderately toxic; more than 500 mg/kg, slightly toxic.

Work Safe BC requires that workers applying moderately or very toxic pesticides have a valid pesticide applicator certificate from the BC Ministry of Environment.

The pesticides in the following table have been grouped into one the following chemical families.

A	Anticoagulants	DIR	Diphenylethers
ACE	Acetamides	FD	Feeding Disruptors
ACY	Acylamines	I	Inorganics
ANI	Anilides	K	Ketoenols
ANT	Anthranilic diamides	M	Microbials
APMD	Anilinopyridines	NA	Naphthoquinone
ARY	Aryloxyphenoxy propionates	NI	Nitriles
AT	Aryl triazones	NP	N-phenylphthalimides
AV	Avermectins	OP	Organophosphates
B	Botanicals	OT	Organo-tins
BEN	Benzimidazoles	P	Phenoxys
BENZ	Benzoylureas	PD	Pyridines
BEZ	Benzothiadiazoles	PHC	Phenyl Carbamate
BETA	Beta-ketonitrile	PHPY	Phenylpyrroles
BIP	Bipyridyliums	PHS	Phosphinic Acid
C	Carbamates	PHT	Phthalimide
CA	Callistemones	PIP	Piperazines
CAR	Carboxylic acids	PYN	Pyridazinone
CARB	Carbazates	PYR	Pyridinyl ethylbenzamides
CHC	Chlorinated cyclodienes	PYRI	Pyridincarboxamids
CHL	Chloronitriles	Q	Quinolines
CHN	Chloronicotines	SP	Synthetic Pyrethroids
CHO	Chloroacetamides	SPIN	Spinosyns
CY	Cyclohexanediones	STRO	Strobilurins

D	Dithiocarbamates	TRI	Triazines
DI	Dicarboximides	TT	Tetrazine
DIA	Diamides	TZ	Triazoles
DIAC	Diacylhydrazines	TZN	Triazones
DIN	Dinitroanilines	URA	Uracils
DIP	Diphenylethanes		

<i>Fungicides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
Actinovate	<i>Streptomyces lydicus</i>	M		slight	slight	no
Aliette	fosetyl-aluminum	OT	33	slight	slight	no
Allegro	fluazinam	DIN	29	slight	slight	no
axoxystrobin	Quadris	STRO	11	slight	slight	no
azoxystrobin/propiconazole	Quilt	STRO/TZ	11/3	slight	slight	no
<i>Bacillus subtilis</i>	Serenade Max	M		slight	slight	no
Basicop	tribasic copper sulfate	I	M	slight	slight	no
boscalid	Lance, Cantus	ANI	7	slight	slight	no
boscalid/pryaclostrobin	Pristine	ANI/STRO	7/11	slight	slight	no
Bravo	chlorothalonil	CHL	M	slight	slight	no
Cabrio	pyraclostrobin	STRO	11	slight	slight	no
captan	Captan, Maestro	PHT	M	slight	slight	no
chlorothalonil	Bravo, Echo	CHL	M	slight	slight	no
Copper Oxychloride, Copper Spray	copper oxychloride	I	M	slight	slight	no
cyprodinil/fludioxinil	Switch	APMD/PHPY	9/12	slight	slight	no
Elevate	fenhexamid	HY	17	slight	slight	no
famoxadone/cymoxanil	Tanos	STRO/U	11/27	slight	slight	no
fenbuconazole	Indar	TZ	3	slight	slight	no
fenhexamid	Elevate	HY	17	slight	slight	no
Ferbam	ferbam	DD	M	slight	slight	no
Flint	trifloxystrobin	STRO	11	slight	slight	no
fluazinam	Allegro	DIN	29	slight	slight	no
fludioxinil	Scholar	PHPY	12	slight	slight	no
fludioxinil/cyprodinil	Switch	PHPY/APMD	12/9	slight	slight	no
fluopyram	Luna Privilege	PYR	7	slight	slight	no
Folpan	folpet	PHT	M	slight	slight	no
folpet	Folpan	PHT	M	slight	slight	no
fosetyl-aluminium	Aliette	OT	33	slight	slight	no
Fullback	futriafol	TZ	3	slight	slight	no
Funginex	triforine	PIP	3	slight	slight	no
futriafol	Fullback	TZ	3	slight	slight	no
Indar	fenbuconazole	TZ	3	slight	slight	no
iprodione	Rovral	DI	2	slight	slight	no
Isofetamid	isofetamid	ANI	7	slight	slight	no
Lance	boscalid	ANI	7	slight	slight	no
Luna Privilege	fluopyram	PYR	7	slight	slight	no
Maestro	captan	PHT	M	slight	slight	no
metalaxyl-M	Ridomil Gold	ACY	4	slight	slight	no
metconazole	Quash	TZ	3	slight	slight	no
Mettle	tetraconazole	TZ	3	slight	slight	no
Microscopic Sulphur, Sulphur DF	sulphur	I	M	slight	slight	no
Mission	propiconazole	TZ	3	slight	slight	no
myclobutanil	Nova	TZ	3	slight	slight	no
Nova	myclobutanil	TZ	3	slight	slight	no
phosphites	Phostrol	OT	33	slight	slight	no

<i>Fungicides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
Phostrol	phosphites	OT	33	slight	slight	no
Pristine	boscalid/pryaclostrobin	ANI/STRO	7/11	slight	slight	no
Proline	prothioconazole	TZ	3	slight	slight	no
propiconazole	Jade, Mission, Topas	TZ	3	slight	slight	no
prothioconazole	Proline	TZ	3	slight	slight	no
pyraclostrobin	Cabrio	STRO	11	slight	slight	no
pyraclostrobin/boscalid	Pristine	STRO/ANI	11/7	slight	slight	no
pyrimethanil	Scala	APMD	9	slight	slight	no
Quadris	azoxystobin	STRO	11	slight	slight	no
Quash	metconazole	TZ	3	slight	slight	no
Quilt	azoxystobin/propiconazole	STRO/TZ	11/3	slight	slight	no
quinoxifen	Quintec	Q	13	slight	slight	no
Quintec	quinoxifen	Q	13	slight	slight	no
Regalia Maxx	<i>Reynoutria sachalinensis</i>	M		slight	slight	no
<i>Reynoutria sachalinensis</i>	Regalia Maxx	M		slight	slight	no
Ridomil Gold	metalaxyl-M	ACY	4	slight	slight	no
Rovral	iprodione	DI	2	slight	slight	no
Scala	pyrimethanil	APMD	9	slight	slight	no
Scholar	fludioxinil	PHPY	12	slight	slight	no
Senator	thiophanate-methyl	BEN	1	slight	slight	no
Serenade	<i>Bacillus subtilis</i>	M		slight	slight	no
<i>Streptomyces lydicus</i>	Actinovate	M		slight	slight	no
sulphur	Microscopic Sulphur, Sulphur DF	I	M	slight	slight	no
Switch	cyprodinil/fludioxinil	APMD + PHPY	9/12	slight	slight	no
Tanos	famoxadone/cymoxanil	STRO/U	11/27	slight	slight	no
tetraconazole	Mettle	TZ	3	slight	slight	no
thiophanate-methyl	Senator	BEN	1	slight	slight	no
thiram	Thiram	D	M	slight	slight	no
tribasic copper sulfate	Basicop	I	M	slight	slight	no
trifloxystrobin	Flint	STRO	11	slight	slight	no
Topas	propiconazole	TZ	3	slight	slight	no
triforine	Funginex	PIP	3	slight	slight	no

<i>Insecticides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
acephate	Orthene	OP	1B	moderate	slight	yes
acetamiprid	Assail	CHN	4	slight	slight	no
Actara	thiamethoxam	CHN	4	slight	slight	no
Admire	imidacloprid	CHN	4	slight	slight	no
Alias	imidacloprid	CHN	4	slight	slight	no
Altacor	chlorantraniliprole	ANTH	28	slight	slight	no
Assail	acetamiprid	CHN	4	slight	slight	no
<i>Bacillus thuringiensis</i> ,	DiPel, Foray	M	11	slight	slight	no
Beleaf	flonicamid	PYRI	9c	slight	slight	no
bifenthrin	Capture	SP	3	moderate	slight	yes
Capture	bifenthrin	SP	3	moderate	slight	yes
carbaryl	Sevin	C	1A	moderate	slight	yes
carbofuran	Furadan	C	1A	very	slight	yes
chlorantraniliprole	Altacor	ANTH	28	slight	slight	no
clothianidin	Clutch	CHN	4	slight	slight	no
Clutch	clothianidin	CHN	4	slight	slight	no
Concept	imidacloprid/deltamethrin	CHN/SP	3&4	slight	slight	no
Confirm	tebufenozide	DH	18	slight	slight	no
cyantraniliprole	Exirel	DIA	28	slight	slight	no

Insecticides		Chemical Families	Resistance Management Groups	Oral toxicity (by mouth)	Dermal toxicity (by skin)	Certification Required (MOE/WSBC)
Cygon	dimethoate	OP	1B	moderate	slight	yes
cyhalothrin-lambda	Matador, Silencer	SP	3	slight	slight	no
cypermethrin	Ripcord	SP	3	moderate	slight	yes
Decis	deltamethrin	SP	3	sight	sight	no
Delegate	spinetoram	SPIN	5	slight	slight	no
deltamethrin	Decis	SP	3	slight	sight	no
diazinon	Diazinon	OP	1B	moderate	slight	yes
Dibrom	naled	OP	1B	moderate	moderate	yes
dimethoate	Cygon, Lagon	OP	1B	moderate	slight	yes
Dipel	<i>Bacillus thuringiensis</i> , kurstaki	M	11	slight	slight	no
Endosulfan	Thiodan, Thionex	CHC	2A	very	moderate	yes
Entrust	spinosad	SPIN	5	slight	slight	no
Exirel	cyantranilprole	DIA	28	slight	slight	no
flonicamid	Beleaf	PYRI	9c	slight	slight	no
Foray	<i>Bacillus thuringiensis</i> , kurstaki	M	11	slight	slight	no
Fulfill	pymetrozine	PD	9B	slight	slight	no
Furadan	carbofuran	C	1A	very	slight	yes
imidacloprid	Admire, Alias	CHN	4	slight	slight	no
Imidan	phosmet	OP	1B	moderate	slight	yes
Intrepid	methoxyfenoziide	DIAC	18	slight	slight	no
Lagon	dimethoate	OP	1B	moderate	slight	yes
Malathion	malathion	OP	1B	slight	slight	no
Matador	cyhalothrin-lambda	SP	3	slight	slight	no
methoxyfenoziide	Intrepid	DIAC	18	slight	slight	no
naled	Dibrom	OP	1B	moderate	moderate	yes
novaluron	Rimon	BENZ	15	slight	slight	no
Orthene	acephate	OP	1B	moderate	slight	yes
phosmet	Imidan	OP	1B	moderate	slight	yes
pirimicarb	Pirimor	C	1A	moderate	slight	no
PyGanic	pyrethrins	B		slight	slight	no
pymetrozine	Fulfill	PD	9B	slight	slight	no
pyrethrins	PyGanic	B		slight	slight	no
Rimon	novaluron	BENZ	15	slight	slight	no
Ripcord	cypermethrin	SP	3	moderate	slight	yes
Sevin	carbaryl	C	1A	moderate	slight	yes
Silencer	cyhalothrin-lambda	SP	3	slight	slight	no
spinetoram	Delegate	SPIN	5	slight	slight	no
spinosad	Success, Entrust	SPIN	5	slight	slight	no
Success	spinosad	SPIN	5	slight	slight	no
tebufenoziide	Confirm	DH	18	slight	slight	no
thiamethoxam	Actara	CHN	4	slight	slight	no
Thiodan☞	endosulfan☞	CHC	2A	very	moderate	yes
Thionex☞	endosulfan☞	CHC	2A	very	moderate	yes

Miticides		Chemical Families	Resistance Management Groups	Oral toxicity (by mouth)	Dermal toxicity (by skin)	Certification Required (MOE/WSBC)
abamectin	Agri-mek	AV	6	slight	slight	no
acequinocyl	Kanemite	NA	20B	slight	slight	no
Acramite	bifenazate	CARB	UN	slight	slight	no
Agri-mek	abamectin	AV	6	slight	slight	no
Apollo	clofentezine	TT	10	slight	slight	no
bifenazate	Acramite	CARB	UN	slight	slight	no
clofentezine	Apollo	TT	10	slight	slight	no
cyflumetofen	Nealta	BETA	25	slight	slight	no
dicofol	Kelthane	DIP	3	slight	slight	no
Kanemite	acequinocyl	NA	20B	slight	slight	no
Kelthane	dicofol	DIP	3	slight	slight	no

<i>Miticides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
Nealta	cyflumetofen	BETA	25	slight	slight	no
Nexter	pyridaben	PYN	21	slight	slight	no
Oberon	spiromesifen	K	23	slight	slight	no
Pyramite	pyridaben	PYN	21	slight	slight	no
pyridaben	Pyramite, Nexter	PYN	21	slight	slight	no
spiromesifen	Oberon	K	23	slight	slight	no
<i>Rodenticides</i>						
chlorophacinone [Ⓢ]	Rozol [Ⓢ]	A		very	moderate	yes
Dipha Tox [Ⓢ]	diphacinone [Ⓢ]	A		very	very	yes
diphacinone [Ⓢ]	Ramik Brown [Ⓢ]	A		very	very	yes
Mouse Bait 2 [Ⓢ]	zinc phosphide [Ⓢ]	I		very	slight	yes
Ramik Brown [Ⓢ]	diphacinone [Ⓢ]	A		very	very	yes
Rozol [Ⓢ]	chlorophacinone [Ⓢ]	A		very	moderate	yes
zinc phosphide [Ⓢ]	Mouse Bait 2, [Ⓢ] Rodent Bait [Ⓢ] Rodent Pellets [Ⓢ]	I		very	slight	yes

<i>Nematicides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
Basamid	dazomet			moderate	slight	yes
Vapam	metam sodium	MD		slight	slight	no
Vydate [®]	oxamyl [®]	C	1A	very	slight	yes
<i>Molluscicides</i>						
Deadline	metaldehyde			slight	moderate	yes
Ferramol	ferric phosphate			slight	slight	no
Ferric phosphate metaldehyde [®]	Ferramol, Sluggo			slight	slight	no
Sluggo	Deadline, Slug Bait [®]			slight	moderate	yes
	ferric phosphate			slight	slight	no
<i>Herbicides</i>						
Aim	carfentrazone-ethyl	AT	14	slight	slight	no
Basagran	bentazon	BEZ	6	slight	slight	no
Betamix	phenmedipham/desmedipham	PHC	5	slight	slight	no
Bonanza	trifluralin	DIN	3	slight	slight	no
bentazon	Basagran	BEZ	6	slight	slight	no
Callisto	mesotrione	CA	27	slight	slight	no
carfentrazone-ethyl	Aim	AT	14	slight	slight	no
Casoron	dichlobenil	NI	20	slight	slight	no
Centurion	clethodim	CY	1	slight	slight	no
Chateau	flumioxazin	NP	14	slight	slight	no
clethodim	Centurion, Select	CY	1	slight	slight	no
clopyralid	Lontrel	CAR	4	slight	slight	no
Devrinol	napropamide	ACE	15	slight	slight	no
dichlobenil	Casoron	NI	20	slight	slight	no
Dual Magnum	S-metolachlor	CHO	15	slight	slight	no
fluazifop-p-butyl	Venture	ARY	1	slight	slight	no
flumioxazin	Chateau	NP	14	slight	slight	no
glufosinate ammonium	Ignite	PHS	10	slight	moderate	yes
glyphosate	Roundup	GD	9	slight	slight	no
Goal	oxyfluorfen	DIR	14	slight	slight	yes
Gramoxone [®]	paraquat [®]	BIP	22	moderate	moderate	yes
hexazinone	Velpar	TZN	5	slight	slight	no
Ignite	glufosinate ammonium	PHS	10	slight	moderate	yes
Ipc0 2,4-D Amine 600	2,4-D amine	P	4	slight	slight	no
Kerb	propyzamide	CHO	15	slight	slight	no
Lontrel	clopyralid	CAR	4	slight	slight	no
mesotrione	Callisto	CA	27	slight	slight	no
metribuzin	Sencor	TZN	5	slight	slight	no
napropamide	Devrinol	ACE	15	slight	slight	no
Nufarm 2, 4-D Amine	2, 4-D amine	P	4	slight	slight	no
oxyfluorfen	Goal	DIR	14	slight	slight	yes
paraquat [®]	Gramaxone [®]	BIP	22	moderate	moderate	yes
phenmedipham/desmedipham	Betamix	PHC	5	slight	slight	no
Poast Ultra	sethoxydim	CY	1	slight	slight	no
Princep	simazine	TRI	5	slight	slight	no
propyzamide	Kerb	CHO	15	slight	slight	no
Rival	trifluralin	DIN	3	slight	slight	no
Roundup	glyphosate	GD	9	slight	slight	no
S-metolachlor	Dual Magnum, Dual II Magnum	CHO	15	slight	slight	no
Select	clethodim	CY	1	slight	slight	no
Sencor	metribuzin	TZN	5	slight	slight	no
sethoxydim	Poast Ultra	CY	1	slight	slight	no
simazine	Princep, Simadex, Simanex, Simazine	TRI	5	slight	slight	no
Sinbar	terbacil	URA	5	slight	slight	no
terbacil	Sinbar	URA	5	slight	slight	no

<i>Herbicides</i>		<i>Chemical Families</i>	<i>Resistance Management Groups</i>	<i>Oral toxicity (by mouth)</i>	<i>Dermal toxicity (by skin)</i>	<i>Certification Required (MOE/WSBC)</i>
Touchdown		glyphosate	GD	9	slight	no
Treflan		trifluralin	DIN	3	slight	no
trifluralin	Bonanza, Rival, Treflan		DIN	3	slight	no
Velpar		hexazinone	TZN	5	slight	no
Venture		fluazifop-p-butyl	ARY	1	slight	no