

# PESTICIDE TOXICITY TABLE

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## List of Pesticide Common Names, Their Product Trade Names and Relative Toxicity

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

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., 2000, 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.

The chemicals in the following table have been grouped as closely as possible into families of compounds. This is of value in planning a rotation of pesticides to avoid the buildup of resistance. For example, atrazine-resistant weeds will be resistant to all triazine herbicides. Similarly, benomyl-resistant fungi will be resistant to all benzimidazole fungicides. This information is also of value in reducing applicator exposure to toxic pesticides. For example, all organophosphate insecticides affect the central nervous system of mammals in the same way and pesticide applicators should limit their exposure to these chemicals or have their cholinesterase levels checked regularly.

|      |                            |      |                    |
|------|----------------------------|------|--------------------|
| ACE  | Acetamide                  | CHO  | Chloroacetamides   |
| ACY  | Acylamines                 | CN   | Chlorophenyl       |
| ANI  | Anilides                   | CY   | Cyclohexanediones  |
| ANIP | Anilopyrimidines           | D    | Dithiocarbamate    |
| ARY  | Aryloxyphenoxy propionates | DI   | Dicarboximide      |
| B    | Benzamide                  | DIN  | Dinitroanilines    |
| BEN  | Benzimidazole              | DIP  | Diphenylethanes    |
| BEZ  | Benzothiadiazoles          | DIR  | Diphenylethers     |
| BEZY | Benzoylurea                | FD   | Feeding Disruptors |
| BIO  | Biopesticide               | HYB  | Hydroxybenzotrile  |
| BIP  | Bipyridyliums              | I    | Inorganics         |
| BT   | Bt Microbials              | IM   | Imidazolinone      |
| C    | Carbamates                 | MOR  | Morpholines        |
| CHC  | Chloronated cyclodienes    | NEON | Neonicotinoids     |
| CHL  | Chloronitrile              | NI   | Nitriles           |
| CHN  | Chloronicotines            | OP   | Organophosphate    |

|      |                             |      |                              |
|------|-----------------------------|------|------------------------------|
| OT   | Organo-tins                 | SPI  | Spinosyns                    |
| OXA  | Oxazolidinedione            | STRO | Strobilurins                 |
| P    | Phenoxys                    | SU   | Sulfonylureas                |
| PD   | Petroleum Distillate        | TAD  | Tetronic Acid Derivative     |
| PHA  | Phthalamate                 | THC  | Thiocarbamates               |
| PHC  | Phenyl-carbamates           | TRF  | Trifluoromethylnicotinamides |
| PHDI | Plant host defence inducers | TRI  | Triazines                    |
| PHE  | Phenylpyrroles              | TRK  | Triketone                    |
| PHET | Phenylphthalamide           | TZ   | Triazoles                    |
| PHT  | Phthalimide                 | TZN  | Triazones                    |
| PHO  | Phosphorodithioate          | U    | Ureas                        |
| SP   | Synthetic Pyrethroids       | URA  | Uracils                      |

| Chemical*                       |                                | Group    | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|---------------------------------|--------------------------------|----------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>                |                                |          |                  |                  |                    |   |
| acibenzolar – s-methyl          | Actigard 50 WG                 |          | PHDI             | slight           | slight             | no  |
| Acrobat 50WP                    | dimethomorph                   | F-5M     | MOR + D          | slight           | slight             | no  |
| Actigard 50 WG                  | acibenzolar – s-methyl         |          | PHDI             | slight           | slight             | no  |
| Actinovate                      | streptomyces lydicus           | none     | microbial        | n/a              | n/a                |   |
| Aliette WDG                     | fosetyl-aluminum               | F-U      | OT               | slight           | slight             | no  |
| Allegro 500 F                   | fluazinam                      | F-29     | none             | slight           | slight             | no  |
| Apron Maxx RTA                  | fludioxynil & metalaxyl        | F-4 & 12 | PHE & ACY        | slight           | slight             | no  |
| Apron XLLS                      | metalaxyl                      | F-4      | ACY              | slight           | slight             | no  |
| azoxystrobin                    | Quadris                        | F-11     | STRO             | slight           | slight             | no  |
| bacillus subtilis               | Serenade Max                   | none     | microbial        | slight           | slight             | no  |
| boscalid                        | Lance, Cantus WDG              | F-7      | ANI              | slight           | slight             | no  |
| boscalid & pyraclostrobin       | Pristine WG                    | F-7&11   | DHI&Qil          | slight           | slight             | no  |
| Botran                          | dichloran                      | F-14     | CN               | slight           | slight             | no  |
| Bravo 500                       | chlorothalonil                 | F-M      | CHL              | slight           | slight             | no  |
| Cabrio EG                       | pyraclostrobin                 | F-11     | STRO             | slight           | slight             | no  |
| Cantus WDG                      | boscalid                       | F-7      | ANI              | slight           | slight             | no  |
| captan                          | Maestro, SupraCaptan           | F-M      | PHT              | slight           | slight             | no  |
| carbathiin + thiram             | Pro Gro                        | F-7M     | ANI + D          | slight           | slight             | no  |
| carbathiin/thiram/<br>gamma BHC | Vitavax RS                     | F-7M     | ANI + D          | moderate         | moderate           | yes - both                                  |
| chlorothalonil                  | Bravo 500, Echo 720, Echo 90DF | F-M      | CHL              | slight           | slight             | no  |

| Chemical*                   |  | Group  | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-----------------------------|--|--------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>            |  |        |                  |                  |                    |   |
| Confine                     | mono & di-<br>potassium salts of<br>phosphorous acid | F-33   | phosphon<br>ates | n/a              | n/a                |   |
| coniothyrium<br>minitans    | Contans WG   | none   | microbial        | slight           | slight             | no  |
| Contans WG                  | coniothyrium<br>minitans                             | none   | microbial        | slight           | slight             | no  |
| Copper 53W                  | copper sulphate                                      | F-M    | I                | slight           | slight             | no  |
| copper hydroxide            | Kocide, Parasol                                      | F-M    | I                | slight           | slight             | no  |
| copper<br>oxychloride       | Copper<br>Oxychloride 50,<br>Copper Spray            | F-M    | I                | slight           | slight             | no  |
| Copper<br>Oxychloride 50    | copper oxychloride                                   | F-M    | I                | slight           | slight             | no  |
| Copper Spray                | copper oxychloride                                   | F-M    | I                | slight           | slight             | no  |
| copper sulphate             | Copper 53W   | F-M    | I                | slight           | slight             | no  |
| Curzate 60 DF               | cymoxanil  | F-U    | ACE              | slight           | slight             | no  |
| cyazofamid                  | RanMan 400 SC  | F-21   | Qil              | slight           | slight             | no  |
| cymoxanil                   | Curzate  | F-U    | ACE              | slight           | slight             | no  |
| cyprodinil &<br>fludioxonil | Switch 62.5 WG                                       | F-9&12 | AP&PP            | slight           | slight             | no  |
| DADS                        | diallyl disulfide                                    |        |                  | moderate         | slight             | Yes- WCB                                    |
| diallyl disulfide           | DADS   |        |                  | moderate         | slight             | Yes- WCB                                    |
| dicloran                    | Botran   | F-14   | CN               | slight           | slight             | no  |
| difenoconazole              | Inspire  | F-3    | TZ               | slight           | slight             | no  |
| dimethomorph                | Acrobat 50 WP  | F-5M   | MOR + D          | slight           | slight             | no  |
| Dithane                     | mancozeb   | F-M    | D                | slight           | slight             | no  |
| Echo 720                    | chlorothalonil                                       | F-M    | CHL              | slight           | slight             | no  |
| Echo 90DF                   | chlorothalonil                                       | F-M    | CHL              | slight           | slight             | no  |

| Chemical*                    |  | Group       | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|------------------------------|--|-------------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>             |  |             |                  |                  |                    |   |
| famoxadone +<br>cymoxanil    | Tanos  | F-11U       | OXA +<br>ACE     | slight           | slight             | no  |
| fenamidone                   | Reason   | F-11        | STRO             | slight           | slight             | no  |
| fluazinam                    | Allegro 500 F  | F-29        | none             | slight           | slight             | no  |
| fludioxinil                  | Maxim PSP  | F-12        | PHE              | slight           | slight             | no  |
| fludioxynil &<br>metalaxyl   | Apron Maxx RTA   | F-4 &<br>12 | PHE &<br>ACY     | slight           | slight             | no  |
| fluopicolide                 | Presidio   | F-43        | No info          | slight           | slight             | no  |
| fosetyl-aluminum             | Aliette  | F-U         | OT               | slight           | slight             | no  |
| Gavel 75 DF                  | mancozeb +<br>zoxamide   | F-22M       | D + B            | slight           | slight             | no  |
| Headline EC                  | pyraclostrobin   | F-11        | STRO             | slight           | slight             | no  |
| Heads Up Plant<br>Protectant | saponins of<br>chenopodium<br>quinoa                                       |             | No info          | No info          | No info            | No info                                     |
| hydrogen<br>peroxide         | Biosafe, Storox  |             |                  | moderate         | slight             | Yes - WCB                                   |
| Inspire                      | difenoconazole   | F-3         | TZ               | slight           | slight             | no  |
| iprodione                    | Rovral   | F-2         | DI               | slight           | slight             | no  |
| Jade                         | propiconazole  | F-3         | TZ               | slight           | slight             | no  |
| Kocide 2000                  | copper hydroxide   | F-M         | I                | slight           | slight             | no  |
| Lance WDG                    | boscalid   | F-7         | ANI              | slight           | slight             | no  |
| Maestro 80 DF                | captan   | F-M         | PHT              | slight           | slight             | no  |
| maleic hydrazide             | Royal MH 30 XTRA   |             |                  | slight           | slight             |   |
| MancoPlus PSPT               | mancozeb   | F-M         | D                | slight           | slight             | no  |
| mancozeb                     | Dithane,<br>MancoPlus, Potato<br>ST16, Penncozeb,<br>Manzate,<br>Tuberseal | F-M         | D                | slight           | slight             | no  |

| Chemical*  |                              | Group  | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|--|------------------------------|--------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>                                       |                              |        |                  |                  |                    |   |
| mancozeb<br>+zoxamide                                  | Gavel 75DF                   | F-22M  | D + B            | slight           | slight             | no  |
| maneb  | Maneb                        | F-M    | D                | slight           | slight             | no  |
| Manzate DF   | mancozeb                     | F-M    | D                | slight           | slight             | no  |
| Maxim PSP  | fludioxinil                  | F-12   | PHE              | slight           | slight             | no  |
| Mertect SC   | thiabendazole                | F-1    | C                | slight           | slight             | no  |
| metalaxyl  | Apron XL                     | F-4    | ACY              | slight           | slight             | no  |
| metalaxyl +<br>mancozeb                                | Ridomil MZ                   | F-4M2  | ACY + D          | slight           | slight             | no  |
| metiram  | Polyram                      | F-M    | D                | slight           | slight             | no  |
| Milstop  | potatssium<br>bicarbonate    | none   | none             | slight           | slight             | no  |
| Mission 418EC  | propiconazole                | F-3    | DMI              | slight           | slight             | no  |
| mono & di-<br>potatassium sallts<br>of phosphoric acid | Confine                      | F-33   | phosphon<br>ates | n/a              | n/a                | ?   |
| myclobutanil   | Nova 40W                     | F-3    | TZ               | slight           | slight             | no  |
| Nova 40W   | myclobutanil                 | F-3    | TZ               | slight           | slight             | no  |
| Parasol  | copper hydroxide             | F-M    | I                | slight           | slight             | no  |
| Pencozeb 75DF  | mancozeb                     | F-M    | D                | slight           | slight             | no  |
| Polyram  | metiram                      | F-M    | D                | slight           | slight             | no  |
| Potato ST16  | mancozeb                     | F-M    | D                | slight           | slight             | no  |
| potatssium<br>bicarbonate                              | Milstop                      | none   | none             | slight           | slight             | no  |
| Presidio   | fluopicolide                 | F-43   |                  | slight           | slight             | no  |
| Pristine WG  | boscalid &<br>pyraclostrobin | F-7&11 | DHI&Qil          | slight           | slight             | no  |

| Chemical*                            |                              | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|--------------------------------------|------------------------------|-------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>                     |                              |       |                  |                  |                    |   |
| Pro Gro                              | carbathiin +<br>thiram       | F-7M  | ANI + D          | slight           | slight             | no  |
| propiconazole                        | Jade, Mission<br>418EC       | F-3   | TZ               | slight           | slight             | no  |
| pyraclostrobin                       | Cabrio EG,<br>Headline       | F-11  | STRO             | slight           | slight             | no  |
| pyrimethanil                         | Scala SC                     | F-9   | ANIP             | slight           | slight             | no  |
| Quadris F                            | azoxystrobin                 | F-11  | STRO             | slight           | slight             | no  |
| quinoxifen                           | Quintec                      | F-13  |                  | slight           | slight             | no  |
| Quintec                              | quinoxifen                   | F-13  |                  | slight           | slight             | no  |
| Ranman 400 SC                        | cyazofamid                   | F-21  | Qil              | slight           | slight             | no  |
| Reason 500 SC                        | fenamidone                   | F-11  | STRO             | slight           | slight             | no  |
| Revus                                | mandipropamid                | F40   | CAA              | slight           | slight             | no  |
| Ridomil MZ                           | metalaxyl +<br>mancozeb      | F-4M  | ACY + D          | slight           | slight             | no  |
| Rootshield                           | trichoderma<br>harzianum     | none  | microbial        | slight           | slight             | no  |
| Rovral                               | iprodione                    | F-2   | DI               | slight           | slight             | no  |
| Royal MH 30 XTRA                     | maleic hydrazide             |       |                  | slight           | slight             |   |
| saponins of<br>chenopodium<br>quinoa | Heads Up Plant<br>Protectant |       | No info          | No info          | No info            | No info                                     |
| Scala SC                             | pyrimethanil                 | F-9   | ANIP             | slight           | slight             | no  |
| Senator PSPT                         | thiophanate<br>methyl        | F-1   | BEN              | slight           | slight             | no  |
| Serenade ASO                         | bacillus subtilis            | none  | microbial        | slight           | slight             | no  |
| Serenade Max                         | bacillus subtilis            | none  | microbial        | slight           | slight             | no  |
| Storox, Biosafe                      | hydrogen peroxide            | none  | none             | moderate         | slight             | yes - WCB                                   |
| SupraCaptan 80<br>WDG                | captan                       | F-M   |                  | PHT              | slight             | slight                                      |

| Chemical*                     |  | Group  | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-------------------------------|--|--------|------------------|------------------|--------------------|---|
| <b>FUNGICIDE</b>              |  |        |                  |                  |                    |   |
| Switch 62.5 WG                | cyprodinil &<br>fludioxonil              | F-9&12 | AP&PP            | slight           | slight             | no  |
| Tanos 50 DF                   | famoxadone +<br>cymoxanil                | F-11U  | OXA +<br>ACE     | slight           | slight             | no  |
| thiabendazole                 | Mertect SC                               | F-1    | C                | slight           | slight             | no  |
| thiophanate<br>methyl         | Senator                                  | F-1    | BEN              | slight           | slight             | no  |
| thiram                        | Thiram                                   | F-M    | D                | slight           | slight             | no  |
| trichoderma<br>harzianum      | Rootshield                               | none   | microbial        | slight           | slight             | no  |
| Tuberseal                     | mancozeb                                 | F-M    | D                | slight           | slight             | no  |
| zoxamide                      | Zoxium                                   | F-22   | B                | slight           | slight             | no  |
| Zoxium 80W                    | zoxamide                                 | F-22   | B                | slight           | slight             | no  |
|                               |  |        |                  |                  |                    |   |
| <b>INSECTICIDE</b>            |  |        |                  |                  |                    |   |
| abamectin                     | Agri-Mec EC                              | I-6    | none             | moderate         | slight             | yes-WCB                                     |
| acephate                      | Orthene                                  | I-1B   | OP               | moderate         | slight             | yes - WCB                                   |
| acetamiprid                   | Assail                                   | I-4    | CHN              | slight           | slight             | no  |
| Actara 240SC                  | thiamethoxam                             | I-4    | NEON             | slight           | slight             | no  |
| Actara 25 WG                  | thiamethoxam                             | I-4    | NEON             | slight           | slight             | no  |
| Admire 240 F                  | imidacloprid                             | I-4    | CHN              | moderate         | moderate           | yes-WCB                                     |
| Agri-Mec EC                   | abamectin                                | I-6    | none             | moderate         | slight             | yes-WCB                                     |
| Alias                         | imidacloprid                             | I-4    | CHN              | moderate         | moderate           | yes - WCB                                   |
| Assail                        | acetamiprid                              | I-4    | CHN              | slight           | slight             | no  |
| bacillus<br>thuringiensis     | Bioprotec CAF,<br>Dipel,Thuricide<br>HPC | I-11   | BT               | slight           | slight             | no  |
| Bartlett Superior<br>'70' Oil | mineral oil                              |        |                  | slight           | slight             | no  |
| Beleaf                        | flonicamid                               | I-9C   | TRF              | slight           | slight             | no  |



| Chemical*           |                               | Group    | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|---------------------|-------------------------------|----------|------------------|------------------|--------------------|---|
| <b>INSECTICIDE</b>  |                               |          |                  |                  |                    |   |
| Bioprotec CAF       | bacillus thuringiensis        | I-11     | BT               | slight           | slight             | no  |
| carbaryl            | Sevin                         | I-1A     | C                | moderate         | slight             | yes - WCB                                   |
| carbofuran          | Furadan                       | I-1A     | C                | very             | slight             | yes - both                                  |
| chlorantraniliprole | Coragen                       | I-28     | Diamide          | slight           | slight             | no  |
| chlorpyrifos        | Lorsban, Pyrinex, Pyrifos 15G | I-1B     | OP               | moderate         | slight             | yes - WCB                                   |
| Citation WP         | cyromazine                    | I-17     | TRI              | slight           | slight             | no  |
| clothianidin        | Titan, Clutch                 | I-4/I-4A | NEON             | slight           | slight             | no  |
| Clutch              | clothianidin                  | I-4A     | NEON             | slight           | slight             | no  |
| Concept             | imidiclopid & deltamethrin    | I-3 & 4  | CHN              | moderate         | moderate           | yes-WCB                                     |
| Coragen             | chlorantraniliprole           | I-28     | Diamide          | slight           | slight             | no  |
| cyhalothrin-lambda  | Matador                       | I-3      | SP               | moderate         | slight             | yes - WCB                                   |
| cypermethrin        | Cymbush, Ripcord, Up-cyde     | I-3      | SP               | moderate         | slight             | yes - WCB                                   |
| cyromazine          | Citation                      | I-17     | TRI              | slight           | slight             | no  |
| Decis 5 EC          | deltamethrin                  | I-3      | SP               | moderate         | slight             | yes - WCB                                   |
| Delegate WG         | spinetoram                    | I-5      | SPI              | slight           | slight             | no  |
| deltamethrin        | Decis                         | I-3      | SP               | moderate         | slight             | yes - WCB                                   |
| diazinon            | Diazinon                      | I-1B     | OP               | moderate         | slight             | yes - WCB                                   |
| Dibrom              | naled                         | I-1B     | OP               | moderate         | slight             | yes - WCB                                   |
| dimethoate          | Lagon                         | I-1B     | OP               | moderate         | slight             | yes - WCB                                   |
| Dipel 2XDF          | bacillus thuringiensis        | I-11     | BT               | slight           | slight             | no  |
| endosulfan          | Thiodan, Thionex,             | I-2A     | CHC              | very             | moderate           | yes - WCB                                   |

| Chemical*                      |   | Group   | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|--------------------------------|---|---------|------------------|------------------|--------------------|---|
| <b>INSECTICIDE</b>             |   |         |                  |                  |                    |   |
| Entrust 80 W                   | Spinosad  | I-5     | BIO              | slight           | slight             | no  |
| flonicamid                     | Beleaf  | I-9C    | TRF              | slight           | slight             | no  |
| Force 3.0 G                    | tefluthrin  | I-3     | SP               | very             | moderate           | yes - WCB                                   |
| Fulfill 50 WG                  | pymetrozine   | I-9B    | FD               | slight           | slight             | no  |
| Furadan 480 F                  | carbofuran  | I-1A    | C                | very             | slight             | yes - both                                  |
| Gaucho                         | imidacloprid  | I-4     | CHN              | moderate         | moderate           | yes-WCB                                     |
| imidacloprid                   | Admire, Gaucho,<br>Alias                            | I-4     | CHN              | moderate         | moderate           | yes - WCB                                   |
| imidacloprid &<br>deltamethrin | Concept   | I-3 & 4 | CHN              | moderate         | moderate           | yes-WCB                                     |
| Imidan 50 WP                   | phosmet   | I-1B    | OP               | moderate         | slight             | yes - WCB                                   |
| kaolin                         | Surround WP   | none    | I                | n/a              | n/a                |   |
| Lagon 480 E                    | dimethoate  | I-1B    | OP               | moderate         | slight             | yes - WCB                                   |
| lambda-<br>cyhalothrin         | Silencer 120 EC,<br>Matador                         | I-3     | SP               | moderate         | slight             | yes - WCB                                   |
| Lannate                        | methomyl  | I-1A    | C                | very             | slight             | yes - both                                  |
| Lorsban                        | chlorpyrifos  | I-1B    | OP               | moderate         | slight             | yes - WCB                                   |
| malathion                      | Malathion   | I-1B    | OP               | slight           | slight             | no  |
| Matador 120 EC                 | lambda-<br>cyhalothrin                              | I-3     | SP               | moderate         | slight             | yes - WCB                                   |
| methomyl                       | Lannate   | I-1A    | C                | very             | slight             | yes - both                                  |
| methoxychlor                   | Methoxychlor  | I-3     | DIP              | slight           | slight             | no  |
| mineral oil                    | Superior '70' Oil,<br>Bartlett Superior<br>'70' Oil |         |                  | slight           | slight             | no  |
| Movento                        | spirotetramat                                       | I-23    | TAD              | slight           | slight             | no  |
| naled                          | Dibrom  | I-1B    | OP               | moderate         | slight             | yes - WCB                                   |
| Neudosan                       | potassium Salts of<br>Fatty Acids                   | none    | none             | n/a              | n/a                |   |

| Chemical*                     |                                  | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-------------------------------|----------------------------------|-------|------------------|------------------|--------------------|---|
| <b>INSECTICIDE</b>            |                                  |       |                  |                  |                    |   |
| novaluron                     | Rimon 10 EC                      | I-15  | BEZY             | slight           | slight             | no  |
| Oberon                        | spiromesifen                     | I-23  | TAD              | slight           | slight             | no  |
| Opal Insecticidal Soap        | potassium salts of fatty acid    |       |                  | slight           | slight             | no  |
| Orthene 75 SP                 | acephate                         | I-1B  | OP               | moderate         | slight             | yes - WCB                                   |
| oxmyl                         | Vydate L                         | 1A    | C                | very             | slight             | Yes - both                                  |
| Perm Up EC                    | permethrin                       | I-3   | SP               | moderate         | slight             | yes - WCB                                   |
| permethrin                    | Pounce, Perm Up                  | I-3   | SP               | moderate         | slight             | yes - WCB                                   |
| phosmet                       | Imidan                           | I-1B  | OP               | moderate         | slight             | yes - WCB                                   |
| potassium salts of fatty acid | Opal Insecticidal Soap, Neudosan |       |                  | slight           | slight             | no  |
| Pounce EC                     | permethrin                       | I-3   | SP               | moderate         | slight             | yes - WCB                                   |
| Pyganic                       | pyrethrins                       |       | BIO              | slight           | slight             | no  |
| pymetrozine                   | Fulfill                          | I-9B  | FD               | slight           | slight             | no  |
| pyrethrins                    | Pyganic                          |       | BIO              | slight           | slight             | no  |
| Pyrifos 15G                   | chlorpyrifos                     | I-1B  | OP               | moderate         | slight             | yes - WCB                                   |
| Pyrinex 480 EC                | chlorpyrifos                     | I-1B  | OP               | moderate         | slight             | yes - WCB                                   |
| Rimon 10 EC                   | novaluron                        | I-15  | BEZY             | slight           | slight             | no  |
| Ripcord 400EC                 | cypermethrin                     | I-3   | SP               | moderate         | slight             | yes - WCB                                   |
| Sevin XLR                     | carbaryl                         | I-1A  | C                | moderate         | slight             | yes - WCB                                   |
| Silencer 120 EC               | lambda-cyhalothrin               | I-3   | SP               | moderate         | slight             | yes - WCB                                   |
| spinetoram                    | Delegate WG                      | I-5   | SPI              | slight           | slight             | no  |
| spinosad                      | Success, Entrust                 | I-5   | SPI              | slight           | slight             | no  |
| spirotetramat                 | Movento                          | I-23  | TAD              | slight           | slight             | no  |
| spiromesifen                  | Oberon                           | I-23  | TAD              | slight           | slight             | no  |
| Success 480 SC                | spinosad                         | I-5   | SPI              | slight           | slight             | no  |

| Chemical*                                    |                                | Group        | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|--|--------------------------------|--------------|------------------|------------------|--------------------|---|
| <b>INSECTICIDE</b>                           |                                |              |                  |                  |                    |   |
| Superior '70' Oil                            | mineral oil                    |              |                  | slight           | slight             | no  |
| Surround WP                                  | kaolin                         | none         | I                | n/a              | n/a                |   |
| tefluthrin                                   | Force                          | I-3          | SP               | very             | moderate           | yes - WCB                                   |
| thiamethoxam                                 | Actara 25 WG,<br>Actara 240 SC | I-4          | NEON             | slight           | slight             | no  |
| Thionex                                      | endosulfan                     | I-2A         | CHC              | very             | moderate           | yes - WCB                                   |
| Thuricide HPC                                | Bacillus<br>thuringiensis      | I-11         | BT               | slight           | slight             | no  |
| Titan  | clothianidin                   | I-4/I-<br>4A | NEON             | slight           | slight             | no  |
| Up-cyde 2.5 EC                               | cypermethrin                   | I-3          | SP               | moderate         | slight             | yes - WCB                                   |
| Vydate L                                     | oxmyl                          | 1A           | C                | very             | slight             | Yes - both                                  |
|  |                                |              |                  |                  |                    |   |
| <b>HERBICIDES</b>                            |                                |              |                  |                  |                    |   |
| Accent75 DF                                  | nicosulfuron                   | H-2          | SU               | slight           | slight             | no  |
| Agricultural<br>Weedkiller<br>No.1/Guardsman | stoddard solvent               | -            | PD               | slight           | slight             | no  |
| Aim EC                                       | carfentrazone-<br>ethyl        | H-14         | TZ               | slight           | slight             | no  |
| Amitrol 240                                  | amitrol                        | H-11         | TRI              | slight           | slight             | no  |
| Arrow 240 EC                                 | clethodim                      | H-1          | CY               | slight           | slight             | no  |
| Assure II                                    | quizalofop-p-ethyl             | H-1          | ARY              | slight           | slight             | no  |
| Basagran                                     | bentazon                       | H-6          | BEZ              | slight           | slight             | no  |
| bensulide                                    | Prefar 4.8 E                   | H-8          | PHO              | moderate         | slight             | Yes - WCB                                   |
| bentazon                                     | Basagran                       | H-6          | BEZ              | slight           | slight             | no  |
| Betamix B EC                                 | desmedipham &<br>phenmedipham  | H-5          | C                | slight           | moderate           | Yes - WCB                                   |
| Bonanza 480                                  | trifluralin                    | H-3          | DIN              | slight           | slight             | no  |

| Chemical*                     |                                       | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-------------------------------|---------------------------------------|-------|------------------|------------------|--------------------|---|
| <b>HERBICIDES</b>             |                                       |       |                  |                  |                    |   |
| Bromotrill 240 EC             | bromoxynil,                           | H-6   | HYB              | moderate         | slight             | Yes - WCB                                   |
| bromoxymil                    | Bromotrill 240 EC,<br>Compas, Pardner | H-6   | HYB              | moderate         | slight             | Yes - WCB                                   |
| Callisto 480 SC               | mesotrione                            | H-27  | TRK              | slight           | slight             | no  |
| carfentrazone-ethyl           | Aim EC                                | H-14  | TZ               | slight           | slight             | no  |
| Centurion                     | clethodim                             | H-1   | CY               | slight           | slight             | no  |
| Chateau                       | flumioxazin                           | H-14  | PHET             | slight           | slight             | no  |
| chlorthal                     | Dacthal W 75                          | H-3   | NONE             | slight           | slight             | no  |
| clethodim                     | Select, Arrow 240<br>EC, Centurion    | H-1   | CY               | slight           | slight             | no  |
| Compas                        | bromoxynil                            | H-6   | NI               | moderate         | slight             | yes - WCB                                   |
| Credit 45                     | glyphosate                            | H-9   | NONE             | slight           | slight             | no  |
| Dacthal W 75                  | chlorthal                             | H-3   | NONE             | slight           | slight             | no  |
| desmedipham &<br>phenmedipham | Betamix B EC                          | H-5   | C                | slight           | moderate           | Yes - WCB                                   |
| Devrinol 50DF                 | napropamide                           | H-15  | ACE              | slight           | slight             | no  |
| dibromide                     | Reglone                               | H-22  | BIP              | moderate         | moderate           | yes - WCB                                   |
| dimethenamid                  | Frontier                              | H-15  | none             | slight           | slight             | no  |
| Diurex 80 WDG                 | diuron                                | H-7   | U                | slight           | slight             | no  |
| diuron                        | Diurex 80 WDG,<br>Karmex DF           | H-7   | U                | slight           | slight             | no  |
| Dual II Magnum                | metolachlor                           | H-15  | CHO              | slight           | slight             | no  |
| Edge Granular                 | ethalfuralin                          | H-3   | DIN              | slight           | slight             | no  |
| Eptam 8 E                     | EPTC                                  | H-8   | THC              | slight           | slight             | no  |
| EPTC                          | Eradicane 8 E,<br>Eptam 8 E           | H-8   | THC              | slight           | slight             | no  |
| Eradicane 8 E                 | EPTC                                  | H-8   | THC              | slight           | slight             | no  |

| Chemical*               |                                   | Group          | Family/<br>Class | Oral<br>Toxicity                      | Dermal<br>Toxicity                    | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-------------------------|-----------------------------------|----------------|------------------|---------------------------------------|---------------------------------------|---|
| <b>HERBICIDES</b>       |                                   |                |                  |                                       |                                       |   |
| ethalfluralin           | Edge Granular                     | H-3            | DIN              | slight                                | slight                                | no  |
| Excel Super             | fenoxaprop-ethyl                  | H-1            | ARY              | slight                                | slight                                | no  |
| fenoxaprop-ethyl        | Excel Super                       | H-1            | ARY              | slight                                | slight                                | no  |
| fluazifop-p-butyl       | Venture                           | H-1            | ARY              | slight                                | slight                                | no  |
| flumioxazin             | Chateau                           | H-14           | PHET             | slight                                | slight                                | no  |
| Frontier                | dimethenamid                      | H-15           | none             | slight                                | slight                                | no  |
| Gesagard 480 SC         | prometryne                        | H-5            | TRI              | slight                                | slight                                | no  |
| glufosinate<br>ammonium | Ignite 15 SN                      | H-10           | NONE             | slight                                | moderate                              | yes - WCB                                   |
| glyphosate              | Credit 45, Round<br>Up            | H-9            | NONE             | slight                                | slight                                | no  |
| Goal 2XL                | oxyfluorfen                       | H-14           | DIR              | slight                                | slight                                | yes -<br>WLAP                               |
| Gramoxone**             | paraquat                          | H-22           | BIP              | moderate                              | moderate                              | yes - WCB                                   |
| Ignite 15 SN            | glufosinate<br>ammonium           | H-10           | NONE             | slight                                | moderate                              | yes - WCB                                   |
| imazethapyr             | Pursuit 70 DG                     | H-2            | IM               | slight                                | slight                                | no  |
| Integrity               | saflufenacil &<br>dimethenamid -P | H-14 &<br>H-15 | none             | slight/no<br>info for<br>saflufenacil | slight/no<br>info for<br>saflufenacil | no info for<br>saflufenacil                 |
| Karmex DF               | diuron                            | H-7            | U                | slight                                | slight                                | no  |
| Kerb 50 WSP             | propryzamide                      | H-15           | CHO              | slight                                | slight                                | no  |
| Linuron                 | linuron                           | H-7            | U                | slight                                | slight                                | no  |
| linuron                 | Linuron, Lorox                    | H-7            | U                | slight                                | slight                                | no  |
| Lorox L                 | linuron                           | H-7            | U                | slight                                | slight                                | no  |
| MCPA Amine 500          | MCPA                              | H-4            | P                | slight                                | slight                                | no  |
| mesotrione              | Callisto 480 SC                   | H-27           | TRK              | slight                                | slight                                | no  |
| metolachlor             | Dual II Magnum                    | H-15           | CHO              | slight                                | slight                                | no  |
| metribuzin              | Sencor 75 DF                      | H-5            | ZN               | slight                                | slight                                | no  |
| napropamide             | Devrinol 50DF                     | H-15           | ACE              | slight                                | slight                                | no  |

| Chemical*                         |                           | Group          | Family/<br>Class | Oral<br>Toxicity                      | Dermal<br>Toxicity                    | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|-----------------------------------|---------------------------|----------------|------------------|---------------------------------------|---------------------------------------|---|
| <b>HERBICIDES</b>                 |                           |                |                  |                                       |                                       |   |
| nicosulfuron                      | Accent 75DF               | H-2            | SU               | slight                                | slight                                | no  |
| oxyfluorfen                       | Goal 2XL                  | H-14           | DIR              | slight                                | slight                                | yes -<br>WLAP                               |
| paraquat**                        | Gramoxone                 | H-22           | BIP              | moderate                              | moderate                              | yes - WCB                                   |
| Pardner                           | bromoxynil                | H-6            | NI               | moderate                              | slight                                | yes - WCB                                   |
| pendimethalin                     | Prowl 400 EC              | H-3            | DIN              | slight                                | slight                                | no  |
| Pinnacle 75                       | thifensulfuron-<br>methyl | H-2            | SU               | slight                                | slight                                | no  |
| Poast Ultra                       | sethoxydim                | H-1            | MCY              | slight                                | slight                                | no  |
| Prefar 4.8 E                      | bensulide                 | H-8            | PHO              | moderate                              | slight                                | Yes - WCB                                   |
| Princep Nine-T                    | simazine                  | H-5            | TRI              | slight                                | slight                                | no  |
| Prism 25 DF                       | rimsulfuron               | H-2            | SU               | slight                                | slight                                | no  |
| prometryne                        | Gesagard 480 SC           | H-5            | TRI              | slight                                | slight                                | no  |
| propyzamide                       | Kerb 50 WSP               | H-15           | CHO              | slight                                | slight                                | no  |
| Prowl 400 EC                      | pendimethalin             | H-3            | DIN              | slight                                | slight                                | no  |
| Pursuit 70 DG                     | imazethapyr               | H-2            | IM               | slight                                | slight                                | no  |
| Pyramin                           | pyrazon/chloridazon       | H-5            |                  | slight                                | slight                                | no  |
| pyrazon/chloridazon               | Pyramin                   | H-5            |                  | slight                                | slight                                | no  |
| quizalofop-p-ethyl                | Assure II, Yuma           | H-1            | ARY              | slight                                | slight                                | no  |
| Reglone                           | diquat                    | H-22           | BIP              | moderate                              | moderate                              | yes - WCB                                   |
| rimsulfuron                       | Prism                     | H-2            | SU               | slight                                | slight                                | no  |
| Roundup                           | glyphosate                | H-9            |                  | slight                                | slight                                | no  |
| saflufenacil &<br>dimethenamid -P | Integrity                 | H-14 &<br>H-15 |                  | Slight/no<br>info for<br>saflufenacil | Slight/no<br>info for<br>saflufenacil | Slight/no info<br>for<br>saflufenacil       |
| Select                            | clethodim                 | H-1            | CY               | slight                                | slight                                | no  |
| Sencor 75 DF                      | metribuzin                | H-5            | ZN               | slight                                | slight                                | no  |
| sethoxydim                        | Poast Ultra               | H-1            | CY               | slight                                | slight                                | no  |

| Chemical*                 |   | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|---------------------------|---|-------|------------------|------------------|--------------------|---|
| <b>HERBICIDES</b>         |   |       |                  |                  |                    |   |
| Simazine                  | simazine  | H-5   | TRI              | slight           | slight             | no  |
| simazine                  | Princep, Simadex,<br>Simazine   | H-5   | TRI              | slight           | slight             | no  |
| Sinbar                    | terbacil  | H-5   | URA              | slight           | slight             | no  |
| stoddard solvent          | Ag. Weedkiller<br>No.1  | -     | PD               | slight           | slight             | no  |
| terbacil                  | Sinbar  | H-5   | URA              | slight           | slight             | no  |
| thifensulfuron-<br>methyl | Pinnacle 75   | H-2   | SU               | slight           | slight             | no  |
| trifluralin               | Bonanza, Rival,<br>Treflan  | H-3   | DIN              | slight           | slight             | no  |
| triflusulfuron-<br>methyl | UpBeet  | H-2   | SU               | slight           | slight             | no  |
| UpBeet                    | triflusulfuron<br>methyl  | H-2   | SU               | slight           | slight             | no  |
| Venture                   | fluazifop-p-butyl   | H-1   | ARY              | slight           | slight             | no  |
| Yuma                      | quizalofop p-ethyl  | H-1   | ARY              | slight           | slight             | no  |
|                           |   |       |                  |                  |                    |   |
| <b>RODENTICIDE</b>        |   |       |                  |                  |                    |   |
| Burrow Oat Bait           | zinc phosphide  |       |                  | very             | slight             | yes - WCB                                   |
| chlorphacinone            | Rozol   |       |                  | very             | moderate           | yes - WCB                                   |
| Gopher Getter             | strychnine  |       |                  | very             | slight             | yes - both                                  |
| Rodent Pellets            | zinc phosphide  |       |                  | very             | slight             | yes - WCB                                   |
| Rozol                     | chlorphacinone  |       |                  | very             | moderate           | yes - WCB                                   |
| strychnine                | Gopher Getter   |       |                  | very             | slight             | yes - WCB                                   |
| Waxed Mouse Bait          | zinc phosphide  |       |                  | very             | slight             | yes - WCB                                   |
| zinc phosphide            | Burrow Oat Bait,<br>Rodent Pellets,<br>Waxed Mouse<br>Bait, ZP Rodent<br>Bait |       |                  | very             | slight             | yes - WCB                                   |



| Chemical*  |  | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|--|--|-------|------------------|------------------|--------------------|---|
| <b>RODENTICIDE</b>   |  |       |                  |                  |                    |   |
| ZP Rodent Bait   | zinc phosphide   |       |                  | very             | slight             | yes - WCB                                   |
| <b>FUMIGANTS</b>   |  |       |                  |                  |                    |   |
| metam sodium   | Vapam  |       |                  | slight           | slight             | no  |
| oxamyl   | Vydate   |       |                  | very             | slight             | yes - both                                  |
| Vapam  | metam sodium   |       |                  | slight           | slight             | no  |
| Vydate   | oxamyl   |       |                  | very             | slight             | yes - both                                  |
|  |  |       |                  |                  |                    |   |
| <b>MOLLUSCIDES</b>   |  |       |                  |                  |                    |   |
| Corry's Liquid<br>Slug & Snail<br>Control/Deadline<br>M-PS | metaldehyde  |       |                  | moderate         | slight             | yes - WCB                                   |
| Ferramol   | ferric phosphate   |       | I                | slight           | slight             | no  |
| ferric phosphate   | Sluggo, Ferramol   | none  | I                | slight           | slight             | no  |
| ferric sodium<br>EDTA                                      | Slug & Snail Bait<br>II  |       |                  | slight           | slight             | no  |
| Lannate  | methomyl   | I-1A  | C                | very             | moderate           | yes - both                                  |
| metaldehyde  | Deadline M-PS,<br>Corry's Liquid Slug<br>& Snail Control,<br>Slug Bait |       |                  | moderate         | slight             | yes - WCB                                   |
| methomyl   | Lannate  | I-1A  | C                | very             | moderate           | yes - both                                  |
| Slug & Snail Bait<br>II                                    | ferric sodium<br>EDTA  |       |                  | slight           | slight             | no  |
| Slug Bait  | metaldehyde  |       |                  | slight           | moderate           | yes - WCB                                   |
| Sluggo   | ferric phosphate   | none  | I                | slight           | slight             | no  |
|  |  |       |                  |                  |                    |   |

| Chemical*   |                  | Group | Family/<br>Class | Oral<br>Toxicity | Dermal<br>Toxicity | Certificate<br>Required?<br>(BCMoE/<br>WCB) |
|---|------------------|-------|------------------|------------------|--------------------|---|
| <b>PLANT GROWTH<br/>REGULATOR</b>   |                  |       |                  |                  |                    |   |
| chloropropham   | Sprout Nip       |       |                  | slight           | slight             | no  |
| Falgro Tablet   | gibberellic acid | none  | none             | slight           | slight             | no  |
| gibberellic acid  | Falgro Tablet    | none  | none             | slight           | slight             | no  |
| maleic hydrazide  | Royal MH 30 XTRA |       |                  | slight           | slight             | no  |
| Royal MH 30 XTRA  | maleic hydrazide |       |                  | slight           | slight             | no  |
| Sprout Nip  | chloropropham    |       |                  | slight           | slight             | no  |
| <p>Notes</p> <p>*Trade names are capitalized. Common names are in lower case.</p> <p>**Although the toxicity rating of <b>Gramoxone</b> (paraquat) has not been clearly established as "very toxic" there is no doubt that swallowing it could be fatal. There is no specific antidote for <b>Gramoxone</b> (paraquat). Use extreme precautions to avoid accidental swallowing of this herbicide.</p> |                  |       |                  |                  |                    |   |