

# Common and Chemical Names of Herbicides<sup>a</sup>

| Common Name or Designation         | Chemical Name  |
|------------------------------------|--|
| acrolein (á krô' le in)            | acrolein   |
| alachlor (äl á chlôr)              | 2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide   |
| ametryn (ám' ê trin)               | 2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine   |
| amitrole (ám' i trôl)              | 3-amino- <i>s</i> -triazole  |
| AMS                                | ammonium sulfate   |
| asulam (äs' ü lăm)                 | methyl sulfanylylcarbamate   |
| atrazine (á' trá zên)              | 2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine   |
| barban (bár' bãn)                  | 4-chloro-2-butynyl <i>m</i> -chlorocarbanilate   |
| benefin (bên' ê fin)               | <i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine                     |
| bensulide (bên' sül id)            | <i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide            |
| bentazon (bên' tá zôn)             | 3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide  |
| benzadox (bên' zuh dôx)            | (benzamidooxy)acetic acid  |
| benzipram (bên' zi pram)           | 3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide   |
| bifenox (bí' fê nãks)              | methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate   |
| bromacil (brô' má sil)             | 5-bromo-3- <i>sec</i> -butyl-6-methyluracil  |
| bromoxynil (brô' môx' ý nil)       | 3,5-dibromo-4-hydroxybenzoxitrile  |
| butachlor (byút' a klôr)           | <i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide   |
| butam (bjú' taam)                  | 2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide   |
| buthidazole (byú thíd' á zól)      | 3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] 4-hydroxy-1-methyl-2-imidazolidinone                                     |
| butralin (bú' trá lin)             | 4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine   |
| butylate (bú' tí lãt)              | <i>S</i> -ethyl diisobutylthiocarbamate  |
| cacodylic acid (cã' cõ dýl' ic)    | hydroxydimethylarsine oxide  |
| carbetamide (cãr bêt' á mide)      | <i>D,N</i> -ethylactamide carbanilate (ester)  |
| CDAA                               | <i>N,N</i> -diallyl-2-chloroacetamide  |
| CDEC                               | 2-chloroallyl diethyldithiocarbamate   |
| chloramben (klôr ám' bën)          | 3-amino-2,5-dichlorobenzoic acid   |
| chlorbromuron (klôr' brôm u ron)   | 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea  |
| chloroxuron (klô rôx' ü rôn)       | 3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea   |
| chlorpropham (clôr prô' fãm)       | isopropyl <i>m</i> -chlorocarbanilate  |
| cisanilide (sis án' ãlid)          | <i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide  |
| CMA                                | calcium methanearsonate  |
| cyanazine (cï án' à zên)           | 2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile  |
| cycloate (sy' clô át)              | <i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate  |
| cycluron (sy' klú rôn)             | 3-cyclooctyl-1,1-dimethylurea  |
| cyperquat (sí' pãr kwát)           | 1-methyl-4-phenylpyridinium  |
| cyprazine (sí' prã zëên)           | 2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine   |
| cyprazole (sí' prã zól)            | <i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide                                 |
| cypromid (sy' prô mïd)             | 3',4'-dichlorocyclopropanecarboxanilide  |
| dalapon (dãl' á pôn)               | 2,2-dichloropropionic acid   |
| dazomet (dã' zô mêt)               | tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione   |
| DCPA                               | dimethyl tetrachloroterephthalate  |
| desmedipham (dêz' mêt' ã fãm)      | ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)   |
| desmetryn (dês' mêt' trin)         | 2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine  |
| diallate (dï' äll lãt)             | <i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate  |
| dicamba (dï' kãm' bá)              | 3,6-dichloro- <i>o</i> -anisic acid  |
| dichlobenil (dï' clô bën' il)      | 2,6-dichlorobenzoxitrile   |
| dichlorprop (dï' clôr prôp)        | 2-(2,4-dichlorophenoxy)propionic acid  |
| diclofop (dï' clô fãp)             | 2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid  |
| difenzoquat (dï' fên zô kwát)      | 1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium   |
| dinitramine (dï' ní' trá mên)      | <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine |
| dinoseb (dï' nô sêb)               | 2- <i>sec</i> -butyl-4,6-dinitrophenol   |
| diphenamid (dï' fên' á mid)        | <i>N,N</i> -dimethyl-2,2-diphenylacetamide   |
| dipropetryn (dï' prôp' ê trin)     | 2-ethylthio-4-bis-isopropylamino- <i>s</i> -triazine   |
| diquat (dï' kwát)                  | 6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- $c$ ] pyrazinedium ion   |
| diuron (dï' ü rôn)                 | 3-(3,4-dichlorophenyl)-1,1-dimethylurea  |
| DNOC                               | 4,6-dinitro- <i>o</i> -cresol  |
| DSMA                               | disodium methanearsonate   |
| endothall (ên' dô thãl)            | 7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid  |
| EPTC                               | <i>S</i> -ethyl dipropylthiocarbamate  |
| erbon (ür' bôn)                    | 2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate   |
| ethalfuralin (eth al flür' á lïn)  | <i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzamine                                |
| ethiolate (e thï' ó lãte)          | <i>S</i> -ethyl diethylthiocarbamate   |
| ethofumesate (eth' ó fyôôm' e sãt) | 2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate   |
| fenac (fên' ác)                    | (2,3,6-trichlorophenyl)acetic acid   |
| fenuron (fên' ü rôn)               | 1,1-dimethyl-3-phenylurea  |
| fenuronTCA                         | 1,1-dimethyl-3-phenylurea mono(trichloroacetate)   |
| fluchloralin (flü klôr' a lïn)     | <i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline                                       |
| fluometuron (flü ô mêt' ü rôn)     | 1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea   |
| fluorodifen (flü ô dï' fên)        | <i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether                                   |
| fluridone (flür' i dôn)            | 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i> )-pyridinone  |
| glyphosate (glï' fô sãt)           | <i>N</i> -(phosphonomethyl)glycine   |
| hexaflurate (hêx' á flôor' äte)    | potassium hexafluoroarsenate   |
| ioxynil (i ôx' ý nil)              | 4-hydroxy-3,5-diiodobenzoxitrile   |
| isopropalin (i' sóprô' pa lïn)     | 2,6-dinitro- <i>N,N</i> -dipropylcumidine  |

## Common Name or Designation

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|                                      |   |
|--------------------------------------|---|
| karbutilate (kar byüt' lát)          | <i>tert</i> -butylcarbamic acid ester with 3( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea                             |
| lenacil (lên' á cùl)                 | 3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i> )-dione                        |
| linuron (lín' ù rôn)                 | 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea   |
| MMA                                  | methanearsonic acid   |
| MAMA                                 | monoammonium methanearsonate  |
| MCPA                                 | [(4-chloro- <i>o</i> -tolyl)oxy]acetic acid   |
| MCPB                                 | 4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid  |
| mecoprop (mēc' ô prôp)               | 2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid  |
| mefluidide (me' flù i did)           | <i>N</i> -[2,4-dimethyl-5-[[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide                                       |
| methalproalin (mèth àl prô' pã lín)  | <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine                       |
| metham (mèth' àm)                    | sodium methylthiocarbamate  |
| methazole (mèth' á zôl)              | 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione  |
| metolachlor (me' tál à klôr)         | 2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide                          |
| metribuzin (mè trí bu' zín)          | 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i> )-one                                 |
| MH                                   | 1,2-dihydro-3,6-pyridazinedione   |
| molinate (mô' lí nât)                | <i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate  |
| monolinuron (môn' ô lín' ù rôn)      | 3-( <i>p</i> -chlorophenyl)-1-methoxy-1-methylurea  |
| monuron (môn' ù rôn)                 | 3-( <i>p</i> -chlorophenyl)-1,1-dimethylurea  |
| monuronTCA                           | 3-( <i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)   |
| MSMA                                 | monosodium methanearsonate  |
| nappamide (nã prôp' a mîde)          | 2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide   |
| naptalam (nãp' tá lãam)              | <i>N</i> -1-naphthylphthalamic acid   |
| neburon (nèb' ù rôn)                 | 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea   |
| nitralin (ní' trá lín)               | 4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline   |
| nitrofen (ní' trô fèn)               | 2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether   |
| nitrofluorfen (nítrô flór' fèn)      | 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene  |
| norea (nô' rê uh)                    | 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea  |
| norflurazon (nôr' flür à zãn)        | 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone        |
| oryzalin (ô rí' zã lín)              | 3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfanilamide                                   |
| oxadiazon (ox' a dí' a zon)          | 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one                      |
| oxyfluorfen (ox' i flor fèn)         | 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene   |
| paraquat (pãr' á kwãt)               | 1,1'-dimethyl-4,4'-bipyridinium ion   |
| PBA                                  | chlorinated benzoic acid  |
| pebulate (pèb' ù lát)                | <i>S</i> -propyl butylethylthiocarbamate  |
| pendimethalin (pèn' dí mèth' à lín)  | <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine   |
| perfluidone (pèr' flù i dôn)         | 1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide                                    |
| phenmedipham (fèn mèd' i fãm)        | methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate   |
| picloram (pic' lôr àm)               | 4-amino-3,5,6-trichloropicolinic acid   |
| procyazine (prô' sí à zèn)           | 2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile                                 |
| profluralin (prô flür' à lín)        | <i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine |
| prometone (prô' mè tón)              | 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine   |
| prometryn (prô' mè trín)             | 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine  |
| pronamide (prôn' à mîde)             | 3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide   |
| propachlor (prô' pã clôr)            | 2-chloro- <i>N</i> -isopropylacetanilide  |
| propanil (prô' pã nil)               | 3',4'-dichloropropionalide  |
| propazine (prô' pã zèn)              | 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine  |
| propham (prô' fãm)                   | isopropyl carbanilate   |
| prosulfalin (prô sul' fã lín)        | <i>N</i> -[[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine                         |
| prynachlor (prín' à klôr)            | 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide  |
| pyrazon (pí' rá zôn)                 | 5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone   |
| sechumeton (sek' byü me' tãn)        | <i>N</i> -ethyl-6-methoxy- <i>N'</i> -(1-methylpropyl)-1,3,5-triazine-2,4-diamine                                   |
| siduron (sid' ù rôn)                 | 1-(2-methylcyclohexyl)-3-phenylurea   |
| silvex (sil' vèks)                   | 2-(2,4,5-trichlorophenoxy)propionic acid  |
| simazine (sim' à zèn)                | 2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine  |
| simetryn (sim' é trin)               | 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine  |
| TCA                                  | trichloroacetic acid  |
| tebuthiuron (tèb' ù thi' ù rôn)      | <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea                                  |
| terbacil (tèr bã cil)                | 3- <i>tert</i> -butyl-5-chloro-6-methyluracil   |
| terburchlor (tãr' byü klôr)          | <i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide                        |
| terbuthylazine (ter byü thil' à zèn) | 2-( <i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine  |
| terbutol (tèr' bú töl)               | 2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate   |
| terbutryn (tèr' bú trín)             | 2-( <i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine                                      |
| tetrafluron (te trã' flù rãn)        | <i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea  |
| thiobencarb (thi' o bèn kãrb)        | <i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate   |
| triallate (trí àl lát)               | <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate  |
| triclopyr (trí' klô pír)             | [(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid   |
| trifluralin (trí flür' à lín)        | $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine                            |
| trimeturon (trí mèt' ù rôn)          | 1-( <i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea   |
| 2,3,6-TBA <sup>b</sup>               | 2,3,6-trichlorobenzoic acid   |
| 2,4-D                                | (2,4-dichlorophenoxy)acetic acid  |
| 2,4-DB                               | 4-(2,4-dichlorophenoxy)butyric acid   |
| 2,4-DEP                              | <i>tris</i> [2-(2,4-dichlorophenoxy)ethyl]phosphite   |
| 2,4,5-T                              | (2,4,5-trichlorophenoxy)acetic acid   |
| vernolate (vèr' nô lát)              | <i>S</i> -propyl dipropylthiocarbamate  |

<sup>a</sup>Herbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 14(4), 1966 and in Weed Science 23(1), 1975.

<sup>b</sup>This herbicide usually is available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer in the mixture specified and the source of the experimental chemicals given.