

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

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|------------------------------------|--|
| acrolein (à kró le ín) | acrolein |
| alachlor (ál à chlôr) | 2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide |
| ametryn (ám' ě trin) | 2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine |
| amitrole (ám' í tról) | 3-amino- <i>s</i> -triazole |
| AMS | ammonium sulfamate |
| asulam (ás' ù lăm) | methyl sulfanilylcarbamate |
| 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' ě fin) | <i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine |
| bensulide (bên' súl' íd) | <i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide |
| bentazon (bên' tă 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 năks) | methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate |
| bromacil (brô' má sil) | 5-bromo-3- <i>sec</i> -butyl-6-methyluracil |
| bromoxynil (brô' môt' ý nil) | 3,5-dibromo-4-hydroxybenzotrile |
| 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 |
| butralin (bú' trá lin) | 4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine |
| butylate (bú' tí lát) | <i>S</i> -ethyl diisobutylthiocarbamate |
| cacodylic acid (cá' cồ dýl' íc) | hydroxydimethylarsine oxide |
| carbetamide (cár' bêt' à mide) | <i>D,N</i> -ethyl lactamide carbanilate (ester) |
| CDA | <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 ù rôn) | 3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea |
| chlorpropham (clôr' prô' fâm) | isopropyl <i>m</i> -chlorocarbanilate |
| cisanilide (sis' an' a' lide) | <i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide |
| CMA | calcium methanearsonate |
| cyanazine (cý' 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' pər kwăt) | 1-methyl-4-phenylpyridinium |
| cyprazine (sí' pră zēen) | 2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine |
| cyprazole (sí' pră zol) | <i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide |
| cypramid (sy' prô' mid) | 3',4'-dichlorocyclopropanecarboxanilide |
| dalapon (dál' à pôn) | 2,2-dichloropropionic acid |
| dazomet (dă' zô mêt) | tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione |
| DCPA | dimethyl tetrachloroterephthalate |
| desmedipham (děz' mēd ě fâm) | ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester) |
| desmetryn (dēs' mē trin) | 2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine |
| diallate (dí' ál lát) | <i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate |
| dicamba (dí' kăm' bả) | 3,6-dichloro- <i>o</i> -anisic acid |
| dichlobenil (dí' clô' bēn' il) | 2,6-dichlorobenzotrile |
| dichlorprop (dí' clôr' prôp) | 2-(2,4-dichlorophenoxy)propionic acid |
| difenzoquat (dí' fēn zô kwăt) | 1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium |
| dinitramine (dí' nī' trá mēn) | <i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine |
| dinoseb (dí' nô' sēb) | 2- <i>sec</i> -butyl-4,6-dinitrophenol |
| diphenamid (dí' fēn' à mid) | <i>N,N</i> -dimethyl-2,2-dipheylacetamide |
| dipropetryn (dí' prôp' ě trin) | 2-ethylthio-4-bis-isopropylamino- <i>s</i> -triazine |
| diquat (dí' kwăt) | 6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinediium ion |
| diuron (dí' ù rôn) | 3-(3,4-dichlorophenyl)-1,1-dimethylurea |
| DNOC | 4,6-dinitro- <i>o</i> -cresol |
| DSMA | disodium methanearsonate |
| endothall (ēn' dô' thăl) | 7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid |
| EPTC | <i>S</i> -ethyl dipropylthiocarbamate |
| erbon (úr' bôn) | 2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate |
| ethalfluralin (eth al flúr' à lín) | <i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine |
| ethiolate (e thí' ò' lâte) | <i>S</i> -ethyl diethylthiocarbamate |
| fenac (fēn' ác) | (2,3,6-trichlorophenyl)acetic acid |
| fenuron (fēn' ù rôn) | 1,1-dimethyl-3-phenylurea |
| fenuronTCA | 1,1-dimethyl-3-phenylurea mono(trichloroacetate) |
| fluchloralin (flú' klôr' a lín) | <i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline |
| fluometuron (flú' ô' mēt' ù rôn) | 1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea |
| fluorodifen (flú' ô' dí' fēn) | <i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether |
| glyphosate (glí' fô' sât) | <i>N</i> -(phosphonomethyl)glycine |
| hexaflurate (hěx' à flôor' áte) | potassium hexafluoroarsenate |
| ioxynil (í' ôx' ý nil) | 4-hydroxy-3,5-diiodobenzotrile |
| isopropalin (í' sô' prô' pa lín) | 2,6-dinitro- <i>N,N</i> -dipropylcumidine |

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| karbutilate (kar byüt' l ät) | <i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1, 1-dimethylurea |
| lenacil (lën' ä cil) | 3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione |
| linuron (lín' ü rön) | 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea |
| MAA | 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 (mëc' ö pröp) | 2-[(4-chloro- <i>o</i> -tolyl)oxy] propionic acid |
| metham (mëth' äm) | sodium methylthiocarbamate |
| methazole (mëth' ä zöl) | 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione |
| metribuzin (më tri bu' zin) | 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazine-5(4 <i>H</i>)one |
| MH | 1,2-dihydro-3,6-pyridazinedione |
| molinate (mó' lí nät) | <i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate |
| monolinuron (mön' ö lín' ü rön) | 3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea |
| monuron (mön' ü rön) | 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea |
| monuronTCA | 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate) |
| MSMA | monosodium methanearsonate |
| npropamide (nä pröp' a mïde) | 2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide |
| naptalam (näp' tä läm) | <i>N</i> -1-naphthylphthalamic acid |
| neburon (nëb' ü rön) | 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea |
| nitralin (ní trä lín) | 4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline |
| nitrofen (ní trö fën) | 2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether |
| norea (nö ré' uh) | 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea |
| norflurazon (nör' flür ä zän) | 4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone |
| oryzalin (ö rí' zä lín) | 3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁵ -dipropylsulfanilamide |
| oxadiazon (ox' ä dí ä zon) | 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one |
| oxvflurorfen (ox' -i-flör-fën) | 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene |
| paraquat (pär' ä kwät) | 1,1'-dimethyl-4,4'-bipyridinium ion |
| PBA | chlorinated benzoic acid |
| pebulate (pëb' ü lä't) | <i>S</i> -propyl butylethylthiocarbamate |
| penoxalin (pen' äks ä lín) | <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine |
| perfluidone (per' flü i dön) | 1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide |
| phenmedipham (fën mëd' i fäm) | methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate |
| picloram (pic' lö'r äm) | 4-amino-3,5,6-trichloropicolinic acid |
| procyazine (pró' sí ä zën) | 2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile |
| profluralin (pró' flür ä lín) | <i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine |
| prometone (pró' më tôn) | 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine |
| prometryn (pró' më trin) | 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine |
| pronamide (prón' ä mïde) | 3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide |
| propachlor (pró' pä clör) | 2-chloro- <i>N</i> -isopropylacetanilide |
| propanil (pró' pä nil) | 3',4'-dichloropropionanilide |
| propazine (pró' pä zën) | 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine |
| propham (pró' fäm) | isopropyl carbanilate |
| prosulfalin (pró sul' fa lín) | <i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl]- <i>S,S</i> -dimethylsulfimine |
| prynachlor (prin' ä klör) | 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide |
| pyrazon (pi' rä zön) | 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone |
| secbumeton (sek' byü me' tán) | <i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine |
| siduron (sid' ü rön) | 1-(2-methylcyclohexyl)-3-phenylurea |
| silvex (sil' vëks) | 2-(2,4,5-trichlorophenoxy)propionic acid |
| simazine (sim' ä zën) | 2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine |
| simetryn (sim' ë trin) | 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine |
| TCA | trichloroacetic acid |
| tebuthiuron (tëb' ü thü' ü rön) | <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea |
| terbacil (tër bäl cil) | 3- <i>tert</i> -butyl-5-chloro-6-methyluracil |
| terbuthylazine (ter byü thül ä zën) | 2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine |
| terbutol (tër' bü töl) | 2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate |
| terbutryn (tër' bü trin) | 2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine |
| triallate (tri ä'l lä't) | <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate |
| Triclopyr (tri' klö pir) | [(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid |
| trifluralin (tri flür' ä lín) | α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine |
| trimeturon (tri më't' ü rön) | 1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea |
| 2,3,6-TBA ^b | 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 | tris[2-(2,4-dichlorophenoxy)ethyl] phosphite |
| 2,4,5-T | (2,4,5-trichlorophenoxy)acetic acid |
| vernolate (vër' nö lä't) | <i>S</i> -propyl dipropylthiocarbamate |

^aHerbicides 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.

^bThis 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.