

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acifluorfen	<chem>S-[1-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid]</chem>
acrolein (ā krō' le īn)	<chem>acrolein</chem>
alachlor (äl' ä chlör)	<chem>2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide</chem>
ametryn (äm' ē trin)	<chem>2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine</chem>
amitrole (äm' ī trōl)	<chem>3-amino-s-triazole</chem>
AMS	<chem>ammonium sulfamate</chem>
asulam (äš' ū läm)	<chem>methyl sulfanilylcarbamate</chem>
atrazine (ä' trä zēn)	<chem>2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine</chem>
barban (bär' bän)	<chem>4-chloro-2-butynyl m-chlorocarbanilate</chem>
benefin (bēn' ē fin)	<chem>N-butyl-N-ethyl-α,α,α-trifluoro-2,6-dinitro-p-toluidine</chem>
bensulide (bēn' sül id)	<chem>O,O-disopropyl phosphorodithioate S-ester with N-(2-mercaptoethyl)benzenesulfonamide</chem>
bentazon (bēn' tă zōn)	<chem>3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide</chem>
benzadox (bēn' zuh dōx)	<chem>(benzamidoxy)acetic acid</chem>
benzimidpr (bēn' zi pram)	<chem>3,5-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)benzamide</chem>
benzoylprop	<chem>N-benzoyl-N-(3,4-dichlorophenyl)-DL-alanine</chem>
bifenox (bī' fĕ näks)	<chem>methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate</chem>
bromacil (brō' mä sil)	<chem>5-bromo-3-sec-butyl-6-methyluracil</chem>
bromoxynil (brō' mōx' yñl)	<chem>3,5-dibromo-4-hydroxybenzonitrile</chem>
butachlor (byü' tă klör)	<chem>N-(butoxymethyl)-2-chloro-2',6'-diethylacetanilide</chem>
butam (bü' taam)	<chem>2,2-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide</chem>
buthidazole (byü' thïd' ä' zöł)	<chem>3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone</chem>
butralin (bü' trä lin)	<chem>4-(1,1-dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine</chem>
butylate (bü' ti lät)	<chem>S-ethyl diisobutylthiocarbamate</chem>
cacodylic acid (că' cō dyl' īc)	<chem>hydroxydimethylarsine oxide</chem>
cambendichlor (käm' ben-dī-klöř)	<chem>(phenylimino)di-2, 1-ethandiyil bis(3,6-dichloro-2-methoxybenzoate)</chem>
carbamide (căr bët' ä mide)	<chem>D-N-ethyl lactamide carbamate (ester)</chem>
CDAA	<chem>N,N-diallyl-2-chloroacetamide</chem>
CDEC	<chem>2-chloroallyl diethylthiocarbamate</chem>
chloramben (klör' än' bën)	<chem>3-amino-2,5-dichlorobenzoic acid</chem>
chlorbromuron (klör' brüm' ü rōn)	<chem>3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea</chem>
chloroxuron (klō' rōx' ü rōn)	<chem>3-[p-(p-chlorophenoxy)phenyl]-1,1-dimethylurea</chem>
chlorpropham (clör prō' fäm)	<chem>isopropyl m-chlorocarbanilate</chem>
cisanilide (sís än' älid)	<chem>cis-2,5-dimethyl-N-phenyl-1-pyrrolidinecarboxamide</chem>
CMA	<chem>calcium methane arsenate</chem>
cyanazine (cî' än' à zēn)	<chem>2-[(4-chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile</chem>
cycloate (sy' clō' ät)	<chem>S-Ethyl N-ethylthiocyclohexanecarbamate</chem>
cycluron (sy' kül rōn)	<chem>3-cyclooctyl-1,1-dimethylurea</chem>
cyperquat (sí' par kwät')	<chem>1-methyl-4-phenylpyridinium</chem>
cyprazine (sí' prä zéen)	<chem>2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine</chem>
cyprazole (sí' prä zol)	<chem>N-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropane carboxamide</chem>
cypromid (sy' prō mid)	<chem>3',4'-dichlorocyclopropane carboxanilide</chem>
dalapon (däl' ä pōn)	<chem>2,2-dichloropropionic acid</chem>
dazomet (dä' zō mët)	<chem>tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione</chem>
DCPA	<chem>dimethyl tetrachloroterephthalate</chem>
desmedipham (dēz' mēd è fäm)	<chem>ethyl m-hydroxycarbanilate carbanilate (ester)</chem>
desmetryn (dēs' mē trin)	<chem>2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine</chem>
diallate (dī' äl lät)	<chem>S-(2,3-dichloroallyl) disopropylthiocarbamate</chem>
dicamba (dī' käm' bā)	<chem>3,6-dichloro-<i>o</i>-anisic acid</chem>
dichlobenil (dī' ciô' bën' il)	<chem>2,6-dichlorobenzonitrile</chem>
dichlorprop (dī' clör pröp)	<chem>2-(2,4-dichlorophenoxy)propionic acid</chem>
diclofop (dī' klōfap)	<chem>2-[2-(2,4-dichlorophenoxy)phenoxy] propanoic acid</chem>
diethylatyl (di-ethi-e-til)	<chem>N-(chloroacetyl)-N-(2,6-diethylphenyl)glycine</chem>
difensoquat (dī' fēn zō kwät')	<chem>1,2-dimethyl-3,5-diphenyl-1H-pyrazolium</chem>
dinitramine (dī' nî' trä mēn)	<chem>N⁴,N⁴'-diethyl-<i>o</i>,<i>o</i>,<i>o</i>-trifluoro-3,5-dinitrotoluene-2,4-diamine</chem>
dinoseb (dī' nō sëb)	<chem>2-sec-butyl-4,6-dinitrophenol</chem>
diphenamid (dī' fēn' ä mïd)	<chem>N,N-dimethyl-2,2-diphenylacetamide</chem>
diproterryn (dī' prōt' è trin)	<chem>2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine</chem>
diquat (dī' kwät')	<chem>6,7-dihydrodipyrido[1,2-<i>a</i>:2',1'-<i>c</i>]pyrazinediium ion</chem>
diuron (dī' ü rōn)	<chem>3-(3,4-dichlorophenyl)-1,1-dimethylurea</chem>
DNOC	<chem>4,6-dinitro-<i>o</i>-cresol</chem>
DSMA	<chem>disodium methane arsenate</chem>
endothall (ēn' dō thäl)	<chem>7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid</chem>
EPTC	<chem>S-ethyl dipropylthiocarbamate</chem>
erbon (ür' böñ)	<chem>2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate</chem>
ethylfluralin (eth' al flür' å hñ)	<chem>N-ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine</chem>
ethiolate (e thî' ö lät)	<chem>S-ethyl diethylthiocarbamate</chem>
ethofumesate (eth' ö fyoo'm' e sät)	<chem>(+)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate</chem>
fenac (fēn' äc)	<chem>(2,3,6-trichlorophenyl)acetic acid</chem>
fenuron (fēn' ü rōn)	<chem>1,1-dimethyl-3-phenylurea</chem>
fenuronTCA	<chem>1,1-dimethyl-3-phenylurea mono(trichloroacetate)</chem>
flamprop	<chem>N-benzoyl-N-(3-chloro-4-fluorophenyl)-DL-alanine</chem>
fluchloralin (flū klör' å lñ)	<chem>N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline</chem>
fluometuron (flū ö met' ü rōn)	<chem>1,1-dimethyl-3-(<i>a,a</i>,<i>o</i>-trifluoro-<i>m</i>-tolyl)urea</chem>
fluorodifen (flū ö dī' fēn)	<chem>p-nitrophenyl-<i>o</i>,<i>o</i>,<i>o</i>-trifluoro-2-nitro-<i>p</i>-tolyl ether</chem>
fluridone (flür' i dōn)	<chem>1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1<i>H</i>)-pyridinone</chem>
fosamine (fäs' -ä-mēn)	<chem>ethyl hydrogen (aminocarbonyl)phosphonate</chem>
glyphosate (glî' fō sät')	<chem>N-(phosphonomethyl)glycine</chem>
hexaflurate (hĕx' ä floor' ätē)	<chem>potassium hexafluoroarsenate</chem>
hexazinone (hek'sä-ze-nōn)	<chem>3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1<i>H</i>,3<i>H</i>-dione</chem>
ioxynil (i' öx' yñl)	<chem>4-hydroxy-3,5-diiodobenzonitrile</chem>
isopropalin (i' sōprō' pă lñ)	<chem>2,6-dinitro-<i>N,N</i>-dipropylcumidine</chem>

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karbutilate (kar byüt' lät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lēn' d' cīl)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (līn' ū rōn)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MCPA	[<i>(4</i> -chloro- <i>o</i> -tolyl)oxy]acetic acid
MCPB	4-[<i>(4</i> -chloro- <i>o</i> -tolyl)oxy]butyric acid
mecoprop (<i>m</i> ěc' ô prôp)	2-[<i>(4</i> -chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flū' i dîd)	<i>N</i> -[2,4-dimethyl-5-[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropalin (měth' āl prôr' pă lîn)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (měth' ām)	sodium methylidithiocarbamate
methazole (měth' à zôl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mě' täl' a klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mě trí bu' zîn)	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 (môr' lî nät)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mōn' ô lîn' ū rōn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mōn' ū rōn)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nă prôp' a mîde)	
naptalam (năp' tă lăm)	
neburon (nēb' ū rōn)	
nitralin (nî' tră lîn)	
nitrofen (nî' trô fĕn)	
nitrofluorfen (nîtrô flôr' fĕn)	
norea (nô rē uh)	
norflurazon (nôr' flûr' a zän)	
oryzalin (ôr' ză lîn)	2,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' a dî' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' i flor' fĕn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pâr' a kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pēb' ū lät)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pěn' dî měth' a lîn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flû i döñ)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fēn' mēd' i făm)	methyl <i>m</i> -hydroxycaranilate <i>m</i> -methylcarbanilate
picloram (pîc' lôr' ām)	4-amino-3,5,6-trichloropicolinic acid
procyzazine (prô' sî a zén)	2-[<i>4</i> -chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile
profluralin (prô flûr' a lîn)	<i>N</i> -(cyclopropylmethyl)- α , α , α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prô' mě tōn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mě trîn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' a mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prôr' pă clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pă nil)	3',4'-dichloropropionanilide
propazine (prô' pă zén)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fam)	<i>isopropyl carbanilate</i>
prosulfalin (prô sul' fa lîn)	<i>N</i> -[<i>4</i> -(dipropylamino)-3,5-dinitrophenyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prîn' a klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pî' nû zón)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü me' tän)	
siduron (sîd' ū rōn)	
silvex (sîl vëks)	
simazine (sîm' a zén)	
simetryn (sîm' è trîn)	
TCA	
tebuthiuron (tēb' ū thî' ū rōn)	trichloroacetic acid
terbacil (tér' bû cîl)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbucchlor (tär' byü klôr)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbutylazine (ter byü thîl' a zén)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbutol (tér' bû tôl)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutryl (tér' bû trîn)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
tetrafluron (te' trâ flû rän)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
thiobencarb (thî o bëñ karb)	<i>N,N</i> -dimethyl- <i>N'</i> -[341,1,2,2-tetrafluoroethoxy]phenyl] urea
triallate (trî' äl lät)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triclopyr (trî' klô pir)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
trifluralin (trî flûr' a lin)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trimeturon (trî mêt' ū rōn)	α , α , α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
2,3,6-TBA ^b	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,4-D	2,3,6-trichlorobenzoic acid
2,4-DB	(2,4-dichlorophenoxy)acetic acid
2,4-DEP	4-(2,4-dichlorophenoxy)butyric acid
2,4,5-T	<i>mis</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid
xylychlör (zî' lë-klôr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide
vernolate (vér' nô lät)	<i>S</i> -propyl dipropylthiocarbamate

^bThis herbicide usually is available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer mixture specified and the source of the commercial product given.