

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈtʃɛ-tə-klɔr)	2-chloro- <i>N</i> -(ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acifluorfen (ə-ˈsɪ-floʊr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrɔ-lē-ən)	acrolein
alachlor (ə-ˈlɑ-klɔr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ə-ˈmɛ-trɪn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ə-ˈmɪ-trɔl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ə-ˈz-ū-lam)	methyl sulfanilylcarbamate
atrazine (ə-ˈtrɑ-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (ˈbār-ban)	4-chloro-2-butyryl <i>m</i> -chlorocarbaniolate
benefin (ˈben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (ˈben-sə-līd)	<i>O</i> , <i>O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (ˈben-tə-zon)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox (ˈben-zə-doks)	(benzamidoxy)acetic acid
benzipram (ˈben-zɪ-pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzoylprop (ˈben-zō-ɪl-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbɪ-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrɔm-ə-sɪl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brɔm-ˈɔks-ɪ-nɪl)	3,5-dibromo-4-hydroxybenzoxynitrile
butachlor (ˈbū-tə-klɔr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (ˈbū-tam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (bū-ˈthɪd-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (ˈbū-trə-lɪn)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine
butylate (ˈbū-tɪ-lāt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (ˈkɑ-kō-ˈdɪl-ɪk-ˈæs-ɪd)	hydroxydimethylarsine oxide
cambendichlor (kam-ˈben-də-klɔr)	(phenylimino)di-2,1-ethanediyil bis (3,6-dichloro-2-methoxybenzoate)
carbetamide (kär-ˈbet-ə-mīd)	<i>D</i> - <i>N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N</i> - <i>N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klɔr-ˈəm-ben)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klɔr-ˈbrɔm-ū-ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klɔr-ˈɔks-ū-ron)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (klɔr-ˈprɔf-əm)	isopropyl <i>m</i> -chlorocarbaniolate
chlorsulfuron (klɔr-ˈsul-fū-ron)	2-chloro- <i>N</i> -[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] benzenesulfonamide
cisnilide (sɪs-ˈnɪ-līd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (sɪ-ˈæn-ə-zēn)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sɪ-ˈklɔ-āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sɪ-ˈklɔ-ron)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sɪ-ˈpɛr-kwāt)	1-methyl-4-phenylpyridinium
cyprazine (sɪ-ˈprɑ-zēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sɪ-ˈprɑ-zōl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypramid (sɪ-ˈprɔ-mɪd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (ˈdɑ-lə-pɔn)	2,2-dichloropropionic acid
dazomet (ˈdɑ-zə-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dez-ˈmed-ə-fam)	ethyl <i>m</i> -hydroxycarbaniolate carbanilate (ester)
desmetryn (dez-ˈmɛ-trɪn)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (ˈdi-ə-lāt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dɪ-ˈkɑm-bə)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dɪ-ˈklɔ-ˈben-əl)	2,6-dichlorobenzonitrile
dichlorprop (ˈdɪ-klɔr-prop)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (ˈdɪ-klɔf-ɔp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dɪ-ˈeth-ə-tɪl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (dɪ-fen-ɔp-ˈpen-ten)	4-[4-[4-(trifluoromethyl)phenoxy] phenoxy]-2-pentenoic acid
difenzoquat (dɪ-ˈfɛn-zɔ-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dɪ-ˈnɪt-rə-mēn)	<i>N</i> ³ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (ˈdɪ-nɔ-seb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dɪ-ˈfɛn-ə-mɪd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dɪ-ˈprɔp-ə-trɪn)	2-(ethylthio)-4,6-bis (isopropylamino)- <i>s</i> -triazine
diquat (ˈdɪ-kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinedium ion
diuron (ˈdɪ-ū-ron)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ˈen-dō-thol)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ˈɛr-bɔn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfuralin (eth-əl-ˈflʊr-ə-lɪn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e-ˈthɪ-ō-lāt)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth-ō-ˈfū-mə-sat)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfɛn-ək)	(2,3,6-trichlorophenyl)acetic acid
fenuron (ˈfɛn-ū-ron)	1,1-dimethyl-3-phenylurea
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop (ˈflɑm-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluchloralin (flʊ-ˈklɔr-ə-lɪn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flʊ-ˈmɛ-tʊ-ron)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flʊ-ˈrɔ-dɪ-fɛn)	<i>p</i> -nitrophenyl (α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl)urea
fluridone (ˈflʊr-ɪ-dɔn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (ˈfɔs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglɪ-fɔ-sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (heks-ə-ˈflʊr-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈzɑ-zɔ-nɔn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
ioxynil (ɪ-ˈɔks-ɪ-nɪl)	4-hydroxy-3,5-diiodobenzonitrile

isopropalin (i-sō-prōp-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropylcumidine
isouron (i-sō-ū-ron)	<i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
karbutilate (kār-bū-tā-lāt)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (len-ə-sil)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lin-ū-ron)	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 (mek-ō-prop)	2-[(4-chloro- <i>o</i> -tolyl)oxy] propionic acid
mefluidide (me-flōō-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl] amino] phenyl] acetamide
methalpropalin (meth-əl-prōp-ə-lin)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (meth-am)	sodium methylthiocarbamate
methazole (meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mə-tol-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (me-tri-bū-zōn)	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
molinatate (mō-lin-āt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mon-ō-lin-ū-ron)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mon-ū-ron)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuron TCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (na-prōp-ə-mīd)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nap-tā-lam)	<i>N</i> -1-naphthylphthalamic acid
neburon (neb-ū-ron)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (ni-trā-lin)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (ni-trō-fen)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (ni-trō-flōōr-fen)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō-yē-ə)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr-flūr-ə-zōn)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-riz-ə-lin)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (oks-ə-dī-ə-zōn)	2- <i>tert</i> -butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (oks-ē-flōōr-fen)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pār-ə-kwāt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (peb-ū-lāt)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pen-dī-meth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pēr-flōō-i-dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fen-med-ə-fam)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pik-lō-ram)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prō-sī-ə-zēn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile
prodiamine (prō-dī-ə-mēn)	2,4-dinitro- <i>N</i> ³ , <i>N</i> ³ -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine
profluralin (prō-flūr-ə-lin)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prō-mə-ton)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prō-mə-trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prō-nə-mīd)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prō-pā-klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prō-pā-nil)	3',4'-dichloropropionanilide
propazine (prō-pā-zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prō-fam)	isopropyl carbanilate
prosulfallin (prō-sul-fā-lin)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prī-nā-klōr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pī-rā-zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek-bū-mə-ton)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sid-ū-ron)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sil-veks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim-ə-zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim-ə-trīn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (teb-ū-thī-ū-ron)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tēr-bā-sil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tēr-bū-klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl] acetamide
terbuthylazine (tēr-bū-thī-lā-zēn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tēr-bū-tol)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tēr-bū-trīn)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te-trā-flōō-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl] urea
thiobencarb (thī-ō-ben-kārb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
trillate (trī-lāt)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trī-klō-pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (trī-flūr-ə-lin)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī-met-ū-ron)	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	<i>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vēr-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
ylachlor (y-lā-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in *WEEDS* 14(4), 1966 and *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 mixture specified and the sources of the experimental chemicals given.