

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈsē-tə-klōr)	2-chloro- <i>N</i> -(ethoxymethyl)- <i>N</i> -(2-ethyl-6-methylphenyl)acetamide
acifluorfen (as-ē-ˈflōōr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrō-lē-ən)	2-propenal
alachlor (ˈal-ə-klōr)	2-chloro- <i>N</i> -(2,6-diethylphenyl)- <i>N</i> -(methoxymethyl)acetamide
ametryn (ˈam-ə-trin)	<i>N</i> -ethyl- <i>N</i> '-(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
amitrole (ˈam-ə-trōl)	1 <i>H</i> -1,2,4-triazol-3-amine
AMS	ammonium sulfamate
asulam (ˈaz-ū-lam)	methyl[(4-aminophenyl)sulfonyl] carbamate
atrazine (ˈa-trə-zēn)	6-chloro- <i>N</i> -ethyl- <i>N</i> '-(1-methylethyl)-1,3,5-triazine-2,4-diamine
barban (ˈbār-ban)	4-chloro-2-butynyl 3-chlorophenylcarbamate
benefin (ˈben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine
bensulide (ˈben-sə-līd)	<i>O</i> , <i>O</i> -bis(1-methylethyl) <i>S</i> -[2-[(phenylsulfonyl)amino] ethyl] phosphorodithioate
bentazon (ˈben-tə-zon)	3-(1-methylethyl)-(1 <i>H</i>)-2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzofluor (ˈben-zō-flōōr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl] methanesulfonamide
benzoylprop (ˈben-zō-il-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbī-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrōm-ə-sil)	5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1 <i>H</i> ,3 <i>H</i>)pyrimidinedione
bromoxynil (brōm-ˈoks-i-nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (ˈbū-tə-klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -(2,6-diethylphenyl)acetamide
buthidazole (bū-ˈthid-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (ˈbū-ti-lāt)	<i>S</i> -ethyl bis(2-methylpropyl)carbamothioate
cadodylic acid (ˈka-kō-ˈdīl-ik-ˈas-id)	dimethyl arsenic acid
CDAA	2-chloro- <i>N</i> , <i>N</i> -di-2-propenylacetamide
chloramben (klōr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chloroxuron (klōr-ˈoks-ū-ron)	<i>N</i> '-[4-(4-chlorophenoxy)phenyl]- <i>N</i> , <i>N</i> -dimethylurea
chlorpropham (klōr-ˈprō-fam)	1-methylethyl 3-chlorophenylcarbamate
chlorsulfuron (klōr-ˈsul-fū-ron)	2-chloro- <i>N</i> -[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] benzenesulfonamide
cinmethylin (sin-ˈmeth-ə-lin)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
cloproxydim (klō-prō-ˈpoks-e-dim)	(<i>E</i> , <i>E</i>)-2-[1-[(3-chloro-2-propenyl)oxy] imino] butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
clopyralid (klō-ˈpir-ə-lid)	3,6-dichloro-2-pyridinecarboxylic acid
CMA	calcium salt of MAA
cyazazine (sī-ˈan-ə-zēn)	2-[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl] amino]-2-methylpropanenitrile
cycloate (ˈsī-klō-āt)	<i>S</i> -ethyl cyclohexylethylcarbamothioate
dalapon (ˈdal-ə-pon)	2,2-dichloropropanoic acid
dazomet (ˈdaz-ə-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCEPA	dimethyl tetrachloroterephthalate
desmedipham (dez-ˈmed-ə-fam)	ethyl {3-[(phenylamino)carbonyl] oxy} phenyl} carbamate
diallate (ˈdī-ə-lāt)	<i>S</i> -(2,3-dichloro-2-propenyl) bis(1-methylethyl)carbamothioate
dicamba (dī-ˈkam-bə)	3,6-dichloro-2-methoxybenzoic acid
dichlobenil (dī-klō-ˈben-əl)	2,6-dichlorobenzonitrile
dichlorprop (ˈdī-klōr-prop)	(±)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdī-klō-fop)	(±)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dī-ˈeth-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-ˈfen-zō-kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-ˈnīt-rə-mēn)	<i>N</i> ³ , <i>N</i> ³ -diethyl-2,4-dinitro-6-(trifluoromethyl)-1,3-benzenediamine
dinoseb (ˈdī-nō-seb)	2-(1-methylpropyl)-4,6-dinitrophenol
diphenamid (dī-ˈfen-ə-mid)	<i>N</i> , <i>N</i> -dimethyl- α -phenyl benzenacetamide
dipropetryn (dī-ˈprōp-ə-trīn)	6-(ethylthio)- <i>N</i> , <i>N</i> '-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
diquat (ˈdī-kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinediium ion
diuron (ˈdī-ū-ron)	<i>N</i> '-(3,4-dichlorophenyl)- <i>N</i> , <i>N</i> -dimethylurea
DSMA	disodium salt of MAA
endothall (ˈen-dō-thol)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropyl carbamothioate
ethalfuralin (eth-əl-ˈflur-ə-lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-ˈfū-mə-sāt)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfen-ak)	2,3,6-trichlorobenzeneacetic acid
fenoxaprop (fen-ˈoks-ə-prop)	(±)-2-[4-[(6-chloro-2-benzoxazolyl)oxy] phenoxy] propanoic acid
fenuron TCA (ˈfen-ū-ron)	Salt of fenuron and TCA
flamprop (ˈflam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluzifop (flōō-ˈaz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flōō-ˈklōr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flōō-ō-ˈmet-ū-ron)	<i>N</i> , <i>N</i> -dimethyl- <i>N</i> '-[3-(trifluoromethyl)phenyl] urea
fluorochloridone (flōōr-ō-ˈklōr-ə-don)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluridone (ˈflur-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fomesafen (fō-ˈmes-ə-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (ˈfōs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
haloxyfop (ha-ˈloks-ē-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
hexaflurate (heks-ə-ˈflur-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈaz-ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
imazaquin (ī-ˈmaz-ə-kwin)	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-quinolinecarboxylic acid
ioxynil (ī-ˈoks-i-nīl)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ī-sō-ˈprōp-ə-lin)	4-(1-methylethyl)-2,6-dinitro- <i>N</i> , <i>N</i> -dipropylbenzenamine

PRONUNCIATION KEY: āpe, fat, cār, bâre; ēvil, ten; bīte, is; gō, lot, oil, out, tōōl, look; cūre, cup, tūrn; ə = a in ago.

Common Name or Designation	Chemical Name
isouron (i-sō-ū-ron)	<i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-sok-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär- b'ū-tā-lāt)	3-[[dimethylamino]carbonyl]amino]phenyl (1,1-dimethylethyl)carbamate
linuron (lin-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N</i> -methoxy- <i>N</i> -methylurea
MAA	methylarsonic acid
MAMA	monoammonium salt of MAA
MCPA	(4-chloro-2-methylphenoxy)acetic acid
MCPB	(4-(4-chloro-2-methylphenoxy)butanoic acid
mecoprop (mek-ō-prop)	(±)-2-(4-chloro-2-methylphenoxy)propanoic acid
mefluidide (me- flōō-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide
metham (meth-am)	methylcarbamodithioic acid
methazole (meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mē- tōl-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (me-tri- b'ū-zən)	4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i>)-one
metsulfuron (met-sul-fū-ron)	2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoic acid
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mō-lin-āt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monuron TCA (mon-ū-ron)	Salt of monuron and TCA
MSMA	monosodium salt of MAA
napropamide (na- prō-pā-mīd)	<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)propanamide
naptalam (nap-tā-lam)	2-[(1-naphthalenylamino)carbonyl]benzoic acid
nitrofen (nī-trō-fen)	2,4-dichloro-1-(4-nitrophenoxy)benzene
norea (nōr- ē-ə)	<i>N,N</i> -dimethyl- <i>N'</i> -(octahydro-4,7-methano-1 <i>H</i> -inden-5-yl)urea 3αα,4α,5α,7α,7αα-isomer
norflurazon (nōr- flur-ə-zon)	4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō- rīz-ə-lin)	4-(dipropylamino)-3,5-dinitrobenzenesulfonamide
oxadiazon (oks-ə- dī-ə-zon)	3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3 <i>H</i>)-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
pebulate (peb-ū-lāt)	<i>S</i> -propyl butylethylcarbamothioate
pendimethalin (pen-dī- meth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzamine
perfluidone (pur- flōō-i-dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fen- med-ə-fam)	3-[(methoxycarbonyl)amino]phenyl (3-methylphenyl)carbamate
picloram (pik-lō-rām)	4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid
profluralin (prō- flur-ə-lin)	<i>N</i> -(cyclopropylmethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzamine
prometon (prō-mā-ton)	6-methoxy- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
prometryn (prō-mā-trīn)	<i>N,N'</i> -bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
pronamide (prō-nā-mīd)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prō-pā-klōr)	2-chloro- <i>N</i> -(1-methylethyl)- <i>N</i> -phenylacetamide
propanil (prō-pā-nīl)	<i>N</i> -(3,4-dichlorophenyl)propanamide
propazine (prō-pā-zēn)	6-chloro- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
propham (prō-fam)	1-methylethyl phenylcarbamate
pyrazon (pī-rā-zon)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sethoxydim (seth-ōks-ē-dīm)	2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
siduron (sid-ū-ron)	<i>N</i> -(2-methylcyclohexyl)- <i>N'</i> -phenylurea
simazine (sīm-ə-zēn)	6-chloro- <i>N,N'</i> -diethyl-1,3,5-triazine-2,4-diamine
sulfometuron (sul-fō-met-ū-ron)	2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]benzoic acid
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 (tär-bā-sīl)	5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i>)-pyrimidinedione
terbutryn (tär-bū-trīn)	<i>N</i> -(1,1-dimethylethyl)- <i>N'</i> -ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
thiobencarb (thī-ō- ben-kärb)	<i>S</i> -[[4-(chlorophenyl)methyl]diethylcarbamothioate
triallate (trī-ə-lāt)	<i>S</i> -(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate
triclopyr (trī-klō-pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
tridiphane (trī-dī-fān)	2-(3,5-dichlorophenyl)-2-(2,2-trichloroethyl)oxirane
trifluralin (trī- flur-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropyl-4-(trifluoromethyl)benzamine
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
vernolate (vür-nō-lāt)	<i>S</i> -propyl dipropylcarbamothioate
xylachlor (zī-lā-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

Common and Chemical Names of Herbicide Modifiers

cyometrinil (sī-ō- met-ri-nīl)	(<i>Z</i>)-α[(cyanomethoxy)imino] benzeneacetoneitrile
dichlormid (dī-klōr-mīd)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide
dietholate (dī-eth-ō-lāt)	<i>O,O</i> -diethyl <i>O</i> -phenyl phosphorothioate
flurazole (flur-ə-zōl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate (mef-ə-nāt)	4-chlorophenyl methylcarbamate

^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.