

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-'cē-tə-klōr)	2-chloro- <i>N</i> (ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acifluorfen (as-ē-'flōōr-fēn)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-'krō-lēn)	acrolein
alachlor ('al-ə-klōr)	2-chloro-2',6'-diethyl- <i>N</i> (methoxymethyl)acetanilide
ametryn ('äm-ə-trēn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole ('äm-ə-trol)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam ('az-ū-lam)	methyl sulfonylcarbamate
atrazine ('a-trā-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban ('bär-bar)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin ('ben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- <i>α,α,α</i> -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide ('ben-sü-lid)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptopethyl)benzenesulfonamide
bentazon (ben-tä-zōn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide (benzamidoxy)acetic acid
benzadox ('ben-za-doks)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzipram ('ben-zi-prām)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>D,L</i> -alanine
benzoylprop ('ben-zō-il-prop)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bifenox ('bi-fēn-oks)	5-bromo-3-sec-butyl-6-methyluracil
bromacil ('brōm-ə-sil)	3,5-dibromo-4-hydroxybenzonitrile
bromoxynil (brōm-'oks-i-nil)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butachlor ('bū-tä-klōr)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
butam ('bū-tam)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
buthidazole (bū-'thid-ə-zōl)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butralin ('bū-tra-lin)	<i>S</i> -ethyl diisobutylthiocarbamate
butylate ('bū-ti-lāt)	
cacydolic acid ('ka-kō-'dil-ik 'as-id)	hydroxydimethylarsine oxide
cambendichlor (kam-'ben-də-klōr)	(phenylimino)di-2,1-ethanediyil bis (3,6-dichloro-2-methoxybenzoate)
carbetamide (kär-'bet-ə-mīd)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klōr-'am-ben)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klōr-'brōm-ū-rōn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klōr-'oks-ū-rōn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (klōr-'prō-fam)	isopropyl <i>m</i> -chlorocarbanilate
chlorsulfuron (klōr-'sul-fū-rōn)	2-chloro- <i>N</i> [{((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino) carbonyl] benzenesulfonamide
isanilide (sis-'an-ə-lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methaneisonate
cyanazine (sī-'an-ə-zēn)	2-[(4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl) amino]-2-methylpropionitrile
cycloate (sī-klō-āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sī-kloo-rōn)	3-cyclooctyl-1,1-dimethylurea
cyperquat ('sī-pür-kwāt)	1-methyl-4-phenylpyridinium
cyprazine ('sī-prā-zēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole ('sī-prō-zōl)	3-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid ('sī-prō-mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon ('dal-ə-pon)	
dazomet ('daz-ō-met)	2,2-dichloropropionic acid
DCPA	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
desmedipham (dez-'med-ə-fam)	dimethyl tetrachloroterephthalate
desmetryn ('dez-mē-trēn)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
diallate ('di-ə-lāt)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
dicamba (dī-'kam-bä)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dichlobenil (dī-klōr-'ben-əl)	3,6-dichloro- <i>o</i> -anisic acid
dichlorprop ('dī-klōr-prop)	2,6-dichlorobenzonitrile
diclofop ('dī-klō-fōp)	2-(2,4-dichlorophenoxy)propionic acid
diethatyl (dī-'ēth-ə-tīl)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
difenopenten ('dī-fēn-ō-'pen-ten)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-'fen-zō-kwät)	4-[4-[4-(trifluoromethyl)phenoxy] phenoxy]-2-pentenoic acid
dinitramine (dī-'nit-rā-mēn)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinoseb ('dī-nō-sēb)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- <i>α,α,α</i> -trifluoro-3,5-dinitrotoluene-2,4-diamine
diphenamid (dī-'fēn-ə-mīd)	2-sec-butyl-4,6-dinitrophenol
diproteryn (dī-'prōp-ə-trēn)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diquat ('dī-kwät)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diuron ('dī-ū-rōn)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>] pyrazinediium ion
DNOC	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DSMA	4,6-dinitro- <i>o</i> -cresol
	disodium methaneisonate
endothall ('en-dō-thol)	
EPTC	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
erbion ('er-bōn)	<i>S</i> -ethyl dipropylthiocarbamate
ethalfluralin (eth-əl-'flūr-ə-lin)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethiolate (ē-'thī-lō-lāt)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-'fū-mē-sāt)	<i>S</i> -ethyl diethylthiocarbamate
	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac ('fen-ak)	(2,3,6-trichlorophenyl)acetic acid
fenuron ('fen-ū-rōn)	1,1-dimethyl-3-phenylurea
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop ('flām-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>D,L</i> -alanine
fluchloralin (flōōr-ō-'klōr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flōōr-ō-'mēt-ū-rōn)	1,1-dimethyl-3-(<i>α,α,α</i> -trifluoro- <i>m</i> -tolyl)urea
fluoridifen (flōōr-ō-'dī-fēn)	<i>p</i> -nitrophenyl (<i>α,α,α</i> -trifluoro-2-nitro- <i>p</i> -tolyl)urea
fluridone ('flūr-ē-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine ('fōs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate ('glī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hek-sə-'flūr-āt)	
hexazinone (hek-sə-'az-ə-nōn)	potassium hexafluoroarsenate
ioxynil (ī-'oks-i-nil)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H,3H</i>)-dione
	4-hydroxy-3,5-diiodobenzonitrile

^aPRONUNCIATION KEY: *äpe*, *fat*, *cär*, *bârc*, *evil*, *ten*, *bîte*, *is*; *gō*, *lot*, *oil*, *out*, *tōtl*, *look*; *cûre*, *cup*, *turn*; *ə* = *a* in *ago*.

Common Name or Designation

Chemical Name

isopropalin (i-sō-p'ro-pō-lin)	2,6-dinitro-N,N-dipropylcumidine
isouron (i-sō-ū-ron)	N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N,N-dimethylurea
karbutilate (kär'-bū-tä-lät)	tert-butylcarbamic acid ester with 3(m-hydroxyphenyl)-1,1-dimethylurea
lenacil ('len-ä-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-o-tolyl)oxy] acetic acid
MCPB	4-[(4-chloro-o-tolyl)oxy] butyric acid
mecoprop ('mek-ō-prop)	2-[(4-chloro-o-tolyl)oxy] propionic acid
mefluidide (me-'flōō-i-did)	N-[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl] amino phenyl] acetamide
methalpropalin (meth-äl-'prō-pō-lin)	N-(2-methyl-2-propenyl)-2,6-dinitro-N-propyl-4-(trifluoro-methyl)benzenamine
metham ('meth-am)	sodium methylthiocarbamate
methazole ('meth-ä-zööl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (ma-'tol-ä-klöör)	2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri-'bū-zän)	4-amino-6-tert-butyl-3-(methylthio)-as-triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridazinedione
molinate ('mō-lin-äät)	S-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-'prō-pä-mäd)	2-(<i>α</i> -naphthoxy)-N,N-diethylpropionamide
naptalam ('nap-tä-läm)	N-1-naphthylphthalamic acid
neburon ('neb-ū-ron)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin ('ni-trä-lin)	4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline
nitrofen ('ni-trö-fen)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (ni-trö-'flōōr-fen)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō-ē-ä)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr-'flür-ä-zon)	4-chloro-5-(methylamino)-2-(<i>α,α,α</i> -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-'riz-ä-lin)	3,5-dinitro- <i>N⁴,N⁴</i> -dipropylsulfanilamide
oxadiazon (oks-ä-'di-ä-zon)	2-tert-butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (oks-ë-'flōōr-fen)	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 ('peb-ü-lät)	S-propyl butylethylthiocarbamate
pendimethalin (pen-di-'meth-ä-lin)	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pur-'flōō-i-döñ)	1,1,1-trifluoro-N-[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fen-'med-ä-fam)	methyl <i>m</i> -hydroxycarbamate <i>m</i> -methylcarbanilate
picloram ('pik-lōr-am)	4-amino-3,5-trichloropicolinic acid
procyzazine (prō-si-zä-zän)	2-[(4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] aminol-2-methylpropanenitrile
prodiamine (prō-'di-ä-män)	2,4-dinitro- <i>N³,N³</i> -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine
profluralin (prō-'flür-ä-lin)	N-(cyclopropylmethyl)- <i>α,α,α</i> -trifluoro-2,6-dinitro-N-propyl- <i>p</i> -toluidine
prometon ('prō-mä-ton)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn ('prō-mä-trän)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide ('prō-na-mïd)	3,5-dichloro(N-1,1-dimethyl-2-propynyl)benzamide
propachlor ('prō-pä-klöör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil ('prō-pä-nil)	3',4'-dichloropropionanilide
propazine ('prō-pä-zän)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
prophan ('prō-fam)	isopropyl carbanilate
prosulfalin (prō-'sul-fä-lin)	N-[(4-(dipropylamino)-3,5-dinitrophenyl) sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor ('pri-nä-klöör)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon ('pi-ä-zon)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek-'bū-mä-ton)	N-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-ä-zän)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn ('sim-ä-trän)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (teb-ü-'thi-ü-ron)	N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N</i> -dimethylurea
terbacil ('ter-bä-sil)	3-tert-butyl-5-chloro-6-methyluracil
terbuchlor ('ter-bü-klöör)	N-(butoxymethyl)-2-chloro- <i>N</i> -(2-(1,1-dimethylethyl)-6-methylphenyl) acetamide
terbutylazine (ter-bü-'thi-lä-zän)	2-(tert-butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol ('ter-bü-tol)	2,6-di-tert-butyl- <i>p</i> -tolyl methylcarbamate
terbutryl ('ter-bü-trän)	2-(tert-butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te-trä-'flōō-ron)	N,N-dimethyl- <i>N'</i> -(3-(1,1,2,2-tetrafluoroethoxy)phenyl) urea
thiobencarb (thi-ö-'ben-kärb)	S-[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate ('tri-ä-lät)	S-(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr ('tri-klö-pir)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (tri-'flür-ä-lin)	α,α,α -trifluoro-2,6-dinitro-N,N-dipropyl- <i>p</i> -toluidine
trimeturon (tri-'met-ü-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	tris[2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate ('ver-nö-lät)	S-propyl dipropylthiocarbamate
xylachlor ('zü-lä-klöör)	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.