

Common and Chemical Names of Herbicides

Common Name or Designation	Chemical Name
acetochlor (<i>ə-’cē-tō-klōr</i>)	2-chloro-N(ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluuidide
acifluorfen (<i>as-’flooōr-fen</i>)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (<i>ə-’krō-lē-an</i>)	acrolein
alachlor (<i>’al-a-klōr</i>)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (<i>’am-ə-trīn</i>)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (<i>’am-ə-trol</i>)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (<i>’az-ū-lam</i>)	methyl sulfonylcarbamate
atrazine (<i>’a-trā-zēn</i>)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (<i>’bär-ban</i>)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (<i>’ben-ə-fin</i>)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (<i>’ben-sü-lid</i>)	<i>O,O</i> -disopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptopethyl)benzenesulfonamide
bentazon (<i>’ben-tä-zon</i>)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox (<i>’ben-za-doks</i>)	(benzamidoxy)acetic acid
benzipram (<i>’ben-zi-pram</i>)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzyloprop (<i>’ben-’zō-il-prop</i>)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>D,L</i> -alanine
bifenox (<i>’bi-fen-oks</i>)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (<i>’brōm-ə-sil</i>)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brom-’oks-i-nil)	3,5-dibromo-4-hydroxybenzonitrile
butachlor (<i>’bū-tä-klōr</i>)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (<i>’bū-tam</i>)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (<i>’bū-’thid-ə-zööl</i>)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (<i>’bū-’trä-lin</i>)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (<i>’bū-ti-lät</i>)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (<i>’ka-kō-’dil-ik’as-id</i>)	hydroxydimethylarsine oxide
cambendichlor (kam-’ben-dä-klōr)	(phenylimino)di-2,1-ethanediyl bis(3,6-dichloro-2-methoxybenzoate)
carbamide (kär-’bet-ə-mïd)	<i>D</i> - <i>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-ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klōr-’oks-ū-ron)	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-ron)	2-chloro- <i>N</i> [(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl benzenesulfonamide
cisanilide (sis-’ān-ə-lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (<i>’si-’ān-ə-zēn</i>)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino-2-methylpropionitrile
cycloale (<i>’si-klö-āt</i>)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (<i>’si-kloo-ron</i>)	3-cyclooctyl-1,1-dimethylurea
cyperquat (<i>’si-’pür-kwät</i>)	1-methyl-4-phenylpyridinium
cyprazine (<i>’si-’prä-zēn</i>)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (<i>’si-’prä-zööl</i>)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (<i>’si-prō-mid</i>)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (<i>’dal-ə-pon</i>)	2,2-dichloropropionic acid
dazomet (<i>’daz-ō-met</i>)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dez-’med-ə-fam)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetylryn (<i>’dez-ma-trīn</i>)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (<i>’di-jälät</i>)	<i>S</i> -[2,3-dichloroethyl]disopropylthiocarbamate
dicamba (<i>’di-’kam-bä</i>)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (<i>’di-klōr-’ben-əl</i>)	2,6-dichlorobenzonitrile
dichlorprop (<i>’di-klōr-’fop</i>)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (<i>’di-klōf-’fop</i>)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethylat (<i>’di-’eth-ə-til</i>)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (<i>’di-fen-ō-’pen-ten</i>)	4-[4-[4-(trifluoromethyl)phenoxy]phenoxy] -2-pentenoic acid
difenzoquat (<i>’di-’fen-’zō-kwät</i>)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (<i>’di-’nit-’rō-mēn</i>)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (<i>’di-nō-’seb</i>)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (<i>’di-’fen-ə-’mid</i>)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diproteryn (<i>’di-’prōp-ə-’trīn</i>)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (<i>’di-’kwät</i>)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1- <i>c</i>] pyrazinediium ion
diuron (<i>’di-’ü-ron</i>)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (<i>’en-dō-thol</i>)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (<i>’er-’bon</i>)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth-’əl-’flür-ə-’lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (<i>e-’thī-ō-lät</i>)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth-’ō-’fū-mä-sat)	(<i>±</i>)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (<i>’fen-’ak</i>)	(2,3,6-trichlorophenyl)acetic acid
fenuron (<i>’fen-’ü-ron</i>)	1,1-dimethyl-3-phenylurea
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop (<i>’flam-’prop</i>)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>D,L</i> -alanine
fluchloralin (<i>flōōr-’klōr-’al-in</i>)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (<i>flōōr-’mēt-’ü-ron</i>)	1,1-dimethyl-3-(α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (<i>flōōr-’ō-’di-’fen</i>)	<i>p</i> -nitrophenyl (α,α -trifluoro-2-nitro- <i>p</i> -tolyl)urea
fluridone (<i>’flür-i-dōn</i>)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (<i>’fōs-’ä-mēn</i>)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (<i>’gli-fō-sät</i>)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (<i>heks-’ō-’flür-’ät</i>)	potassium hexafluoroarsenate
hexazinone (heks-’az-’ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H,3H</i>)-dione
ioxynil (<i>’i-’oks-i-nil</i>)	4-hydroxy-3,5-diiodobenzonitrile

Common Name or Designation	Chemical Name
isopropalin (i-sō- 'prō-pə-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-tə-lāt)	tert-butylcarbamic acid ester with 3(m-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	methane arsenic acid
MAMA	monoammonium methane arsenonate
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-əl- 'prō-pə-lin)	N-(2-methyl-2-propenyl)-2,6-dinitro-N-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-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri- 'bū-zən)	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-āt)	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 methane arsenonate
napropamide (na- 'prō-pə-mīd)	2-(<i>α</i> -naphthoxy)-N,N-diethylpropionamide
naptalam ('nap-tə-lam)	N-1-naphthylphthalamic acid
neburon ('neb-ū-ron)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin ('nī-trō-lin)	4-(methylsulfonyl)-2,6-dinitro-N,N-dipropylaniline
nitrofen ('nī-trō-fēn)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen ('nī-trō- 'flōōr-fēn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō- 'rē-ə)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr- 'flōōr-ə-zōn)	4-chloro-5-(methylamino)-2-(<i>α,α,α</i> -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō- 'rīz-ə-lin)	3,5-dinitro- <i>N⁴,N⁴</i> -dipropylsulfanilamide
oxadiazon (oks-ə- 'di-ə-zōn)	2-tert-butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (oks-ē- 'flōōr-fēn)	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)	S-propyl butylethylthiocarbamate
pendimethalin (pen-dī- 'meth-ə-lin)	N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pur- 'flōō-dōn)	1,1,1-trifluoro-N-[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipharm (fen- 'med-ə-fam)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram ('pik-lō-rām)	4-amino-3,5,6-trichloropicolinic acid
procyzazine (prō- 'sī-ə-zēn)	2-[(4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl) amino]-2-methylpropanenitrile
prodiamine (prō- 'di-ə-mēn)	2,4-dinitro- <i>N³,N³</i> -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine
profluralin (prō- 'flōōr-ə-lin)	N-(cyclopropylmethyl)- <i>α,α,α</i> -trifluoro-2,6-dinitro-N-propyl- <i>p</i> -toluidine
prometon ('prō-mə-ton)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prō-ma-trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide ('prō-nā-mīd)	3,5-dichloro-N(1,1-dimethyl-2-propynyl)benzamide
propachlor ('prō-pa-klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil ('prō-pa-nīl)	3',4'-dichloropropionanilide
propazine ('prō-pa-zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
prophanam ('prō-fam)	isopropyl carbanilate
prosulfalin (prō- 'sul-fā-lin)	N-[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl- <i>S,S</i> -dimethylsulfilimine
prynachlor ('pri-na-klōr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon ('pi-rä-zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek- 'bū-mə-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-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)	N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N</i> -dimethylurea
terbacil ('ter-bə-sil)	3-tert-butyl-5-chloro-6-methyluracil
terbucchlor ('ter-bū-klōr)	N-(butoxymethyl)-2-chloro- <i>N</i> -(2-(1,1-dimethylethyl)-6-methylphenyl) acetamide
terbutylazine (ter-bū- 'thī-lə-zēn)	2-(tert-butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol ('ter-bū-tol)	2,6-di-tert-butyl- <i>p</i> -tolyl methylcarbamate
terbutryl ('ter-bū-trīn)	2-(tert-butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te-trō- 'flōō-rōn)	N,N-dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl] urea
thiobencarb (thī-ō- 'ben-kārb)	S-[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate ('tri-ə-lāt)	S-(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr ('tri-klö-pir)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (tri- 'flōōr-ə-lin)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (tri- 'met-ū-ron)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudoourea
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 ('vər-nō-lāt)	S-propyl dipropylthiocarbamate
xylachlor ('zī-lō-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(3).
^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.