

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acifluorfen (as-ē- fīōōr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-krō-lē-ən)	acrolein
alachlor (al-ə-klor)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (am-ə-trīn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (am-ə-trōl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (az-ū-lam)	methyl sulfanilylcarbamate
atrazine (a-trā-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bār-ban)	4-chloro-2-butyryl <i>m</i> -chlorocarbanilate
benefin (ben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (ben-sā-līd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (ben-tā-zon)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox (ben-zā-doks)	(benzamidooxy)acetic acid
benzipram (ben-zi-pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzoylprop (ben-zō-il-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alaine
bifenox (bī-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brōm-ə-sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brōm-'oks-i-nil)	3,5-dibromo-4-hydroxybenzotriazole
butachlor (bū-tā-klor)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bū-tam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (bū-'thid-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bū-trā-lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bū-ti-lāt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid ('ka-kō-'dil-ik 'as-id)	hydroxydimethylarsine oxide
cambendichlor (kam-'ben-dā-klor)	(phenylimino)di-2,1-ethandiyl bis (3,6-dichloro-2-methoxybenzoate)
carbetamide (kār-'bet-ə-mīd)	<i>D,N</i> -ethylacetamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
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
cisanilide (sis-'an-ə-līd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyridolinedicarboxamide
CMA	calcium methanearsonate
cyanazine (sī-'an-ə-zēn)	2-[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino-2-methylpropionitrile
cycloate (sī-klō-āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sī-klōo-ron)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sī-'pūr-kwāt)	1-methyl-4-phenylpyridinium
cyprazine (sī-'prā-zēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sī-'prā-zōl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sī-'prō-mīd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon ('dal-ə-pon)	2,2-dichloropropionic acid
dazomet ('daz-ō-met)	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)
desmetryn ('dez-mā-trīn)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate ('di-ə-lāt)	5-(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dī-'kam-bā)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dī-klō-'ben-əl)	2,6-dichlorobenzonitrile
dichlorprop ('dī-klōr-prop)	2-(2,4-dichlorophenoxy)propionic acid
diclofop ('dī-klōf-op)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dī-'eth-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (dī-fen-ō-'pen-ten)	4-[4-[4-(trifluoromethyl)phenoxy]phenoxy]-2-pentenoic
difenzoquat (dī-'fen-zō-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-'nīr-rā-mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb ('dī-nō-seb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dī-'fen-ə-mīd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dī-'prōp-ə-trīn)	2-(ethylthio)-4,6-bis (isopropylamino)-s-triazine
diquat ('dī-kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinedium ion
diuron ('dī-ū-ron)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall ('en-dō-thol)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon ('er-bon)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth-əl-'flūr-ə-līn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e-'thī-ō-lāt)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth-ō-'fū-mā-sāt)	(\pm)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac ('fen-ak)	(2,3,6-trichlorophenyl)acetic acid
fenuron ('fen-ū-ron)	1,1-dimethyl-3-phenylurea
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop ('flam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluchloralin (flōō-'klōr-ə-līn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flōō-ō-'met-ū-ron)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flōō-ō-'dī-fen)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolylurea
fluridone (flūr-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine ('fos-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate ('glī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (heks-ə-'flūr-āt)	potassium hexafluoroarsenate
hexazinone (heks-'az-ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione

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

Common Name or Designation	Chemical Name
ioxynil (i-'oks-i-nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (i-sō-'prōp-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropylcumidine
karbuilate (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
methylpropalin (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 (me-'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>s</i> -triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridazinedione
molinate ('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 ('nī-trā-lin)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen ('nī-trō-fen)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nī-'trō-'flōōr-fen)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō-'rē-ə)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr-'flur-ə-zōn)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-'rīz-ə-lin)	3,5-dinitro- <i>N</i> ⁶ , <i>N</i> ⁸ -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
profluralin (prō-'flur-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 ('prōp-ə-klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil ('prōp-ə-nīl)	3',4'-dichloropropionanilide
propazine ('prōp-ə-zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham ('prō-fam)	isopropyl carbanilate
prosulfalin (prō-'sul-fə-lin)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor ('prī-nə-klōr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon ('pī-rə-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-vek-s)	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-lə-zēn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol ('tēr-bū-tōl)	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
tetrafluoron (te-'trə-'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
triallate ('trī-ə-lāt)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr ('trī-klō-pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trī-'flur-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
xylachlor ('zil-ə-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.