

Common Name or Designation

Chemical Name

acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (á krō' le in)	acrolein
alachlor (ál á chlōr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám' ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám' ě trōl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ũ lám)	methyl sulfanylylcarbamate
atrazine (á' trá zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bār' bān)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bēn' ě fīn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bēn' sūl' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bēn' tā zōn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox (bēn' zuh dōx)	(benzamidooxy)acetic acid
benzipram (bēn' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzoylprop	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (bī' fē nāks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brō' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brō mōx' ũ nil)	3,5-dibromo-4-hydroxybenzoxynil
butachlor (byūt' a klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjū' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byū thīd' á 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 lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá' cō dýl' ěc)	hydroxydimethylarsine oxide
cambendichlor (kám' ben-dī-klōr)	(phenylimino)di-2, 1-ethandiyol bis(3,6-dichloro-2-methoxybenzoate)
carbetamide (cār bēt' á mide)	<i>D-N</i> -ethyl lactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klōr ám' bēn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klōr' brōm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klō rōx' ũ rōn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clōr prō' fām)	isopropyl <i>m</i> -chlorocarbanilate
cisanelide (sīs án' ə lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cī án' á zēn)	2-[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clō át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klū rōn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pər kwāt)	1-methyl-4-phenylpyridinium
cyprazine (sí' prā zēen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prā zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prō mīd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dāl' á pōn)	2,2-dichloropropionic acid
dazomet (dá' zō mēt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (déz' mēd ě fām)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dēs' mē trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí' ál lát)	5-(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dí kám' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clō bēn' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clōr prōp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dí' clō fāp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dí' eth' e til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (dí' fen ō' pēn ten)	4-[4-(trifluoromethyl)phenoxy] phenoxy]-2-pentenoic
difenoquat (dí' fen zō kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' ní' trá mēn)	<i>N,N,N'</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nō sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fēn' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí' prōp' ě trīn)	2-(ethylthio)-4,6-bis (isopropylamino)-s-triazine
diquat (dí' kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinedium ion
diuron (dí' ũ rōn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn' dō thāl)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ūr' bōn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flūr' á līn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thī' ó láte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ó fyōōm' e sāt)	(\pm)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fēn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn' ũ rōn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluchloralin (flū klōr' á līn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flū ō' mēt' ũ rōn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flū ō' dí' fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flūr' ě dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (fās' ə mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glī' fō sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hēx' á floor' áte)	potassium hexafluoroarsenate
hexazinone (hek-sá-ze-non)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
ioxynil (í' ōx' ũ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í' sōprō' pá līn)	2,6-dinitro- <i>N,N</i> -dipropylcumidide

karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lěń' á cıl)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lín' ù rön)	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 (méc' ó pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me 'flü í did)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide
methalpropalin (mèth' ál pröp' pã lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mèth' ám)	sodium methylthiocarbamate
methazole (mèth' á zól)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mè' tál ə klör)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mè trı bu' zın)	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
molinate (mõ' lı nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mõń' õ lın' ù rön)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mõń' ù rön)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nã pröp' a mıde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tã lãl)	<i>N</i> -1-naphthylphthalamic acid
neburon (nèb' ù rön)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nı' trã lın)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nı' trõ fěń)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nıtrõ flõr' fěń)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nõ rě uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nõr' flür ə zãn)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (õ rı' zã lın)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (õx' á dí' á zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (õx' í flor fěń)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pãr' á kwãt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pèb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pěń' dí mèth' ə lın)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pèr' flü í dõn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fěń mèd' i fãm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pıc' lõr' ãm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prõ' sı ə zěń)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prõ flür' á lın)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prõ' mè tõn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prõ' mè trın)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prõń' ä mıde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prõ' pã clör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prõ' pã nil)	3',4'-dichloropropionanilide
propazine (prõ' pã zěń)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prõ' fãm)	isopropyl carbanilate
prosulfalin (prõ sul' fa lın)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prın' ä klör)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pı' rã zõn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü me' tãn)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sıd' ù rön)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sıl vėks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sım' á zěń)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sım' ě trın)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tèb' ù thı' ù rön)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tèr bã cıl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tãr' byü klör)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (tèr byü thıl ä zěń)	2(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tèr' bú tól)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tèr' bú trın)	2(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (tè trã' flür rãn)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thı' õ bėń kãrb)	<i>S</i> -[[4-chlorophenyl)methyl] diethylcarbamothioate
triallate (trı ãl lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trı' klõ pır)	[(3,5,6-trichloro-2-pyridinyloxy)acetic acid
trifluralin (trı flür' á lın)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trı mèt' ù rön)	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
xylachlor (zı' lã-klör)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide
vernolate (vèr' nõ lát)	<i>S</i> -propyl dipropylthiocarbamate

^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.

^bThis herbicide usually is available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer mixture specified and the source of the experimental chemicals given.