

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-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə- 'krō-lē-ən)	acrolein
alachlor ('al-ə-klōr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn ('am-ə-trīn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole ('am-ə-trōl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam ('az-ū-lam)	methyl sulfanilylcarbamate
atrazine ('a-trā-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban ('bār-ban)	4-chloro-2-butynyl <i>m</i> -chlorocarbaniolate
benefin ('ben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide ('ben-sə-līd)	<i>O</i> , <i>O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon ('ben-tə-zon)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox ('ben-zə-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> -alanine
bifenox ('bi-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-hydroxybenzoxynitrile
butachlor ('bū-tə-klōr)	<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-da-klōr)	(phenylimino)di-2,1-ethanedijl bis (3,6-dichloro-2-methoxybenzoate)
carbetamide (kār- 'bet-ə-mīd)	<i>D</i> - <i>N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N</i> - <i>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> -chlorocarbaniolate
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- 'an-ə-līd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
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-klōo-ron)	3-cyclooctyl-1,1-dimethylurea
cyperquat ('sī-pur-kwāt)	1-methyl-4-phenylpyridinium
cyprazine ('sī-prā-zēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole ('sī-prā-zōl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid ('si-prō-mid)	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> -hydroxycarbaniolate carbanilate (ester)
desmetryn ('dez-mə-trīn)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate ('di-ə-lāt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dī- 'kam-bə)	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 ('di-klō-fop)	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-(trifluoromethyl)phenoxy]phenoxy]-2-pentenoic acid
difenzoquat (dī- 'fen-zō-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī- 'nīt-rā-mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,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</i> , <i>N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dī- 'prōp-ə-trīn)	2-(ethylthio)-4,6-bis (isopropylamino)- <i>s</i> -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 ('ur-bon)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth-əl- 'flur-ə-lin)	<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-mə-sat)	(\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-lin)	<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 (flōōr-ō- 'dī-fen)	<i>p</i> -nitrophenyl (α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl)urea
fluridone ('flur-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- 'flur-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
ioxynil (ī- 'oks-i-nil)	4-hydroxy-3,5-diiodobenzonitrile

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

isopropalin (i-sō 'prōp-ə-lin) isouron (i-sō 'ū-ron)	2,6-dinitro- <i>N,N</i> -dipropylcumidine <i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
karbutilate (kār- 'bū-tā-lāt)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil ('len-ə-sil) linuron ('lin-ū-ron)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA MAMA MCPA MCPB mecoprop ('mek-ō-prop) mefluidide (me- 'flōō-i-dīd) methalpropalin (meth-al- 'prōp-ə-lin) metham ('meth-am) methazole ('meth-ə-zōl) metolachlor (mā- 'tol-ə-klōr) metribuzin ('me-tri- 'bū-zōn) MH molinate ('mō-lin-āt) monolinuron (mon-ō- 'lin-ū-ron) monuron ('mon-ū-ron) monuron TCA MSMA	methaneearsonic acid monoammonium methaneearsonate [(4-chloro- <i>o</i> -tolyl)oxy]acetic acid 4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid 2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid <i>N'</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide <i>N'</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N'</i> -(2-methoxy-1-methylethyl)acetamide 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i>)-one 1,2-dihydro-3,6-pyridazinedione 5-ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate 3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate) monosodium methaneearsonate
napropamide (na- 'prōp-ə-mīd) naptalam ('nap-tā-lam) neburon ('neb-ū-ron) nitralin ('nī-trā-lin) nitrofen ('nī-trō-fen) nitrofluorfen (nī-trō- 'flōōr-fen) norea (nō- 'lē-ə) noflurazon (nōr- 'flūr-ə-zōn)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide <i>N</i> -1-naphthylphthalamic acid 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea 4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline 2,4-dichlorophenyl <i>p</i> -nitrophenyl ether 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea 4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō- 'rīz-ə-lin) oxadiazon (oks-ə- 'dī-ə-zōn) oxyfluorfen (oks-ē- 'flōōr-fen)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə-kwāt) PBA pebulate ('peb-ū-lāt) pendimethalin (pen-dī- 'meth-ə-lin) perfluidone (pūr- 'flōō-i-dōn) phenmedipham (fen- 'med-ə-fam) picloram ('pik-lō-rām) procyazine (prō- 'sī-ə-zēn) prodiamine (prō- 'dī-ə-mēn) profluralin (prō- 'flūr-ə-lin) prometon ('prō-mā-ton) prometryn ('prō-mā-trīn) pronamide ('prō-nā-mīd) propachlor ('prō-pā-klōr) propanil ('prō-pā-nīl) propazine ('prō-pā-zēn) propham ('prō-fam) prosulfalin (prō- 'sul-fā-lin) prynachlor ('prī-nā-klōr) pyrazon ('pī-rā-zōn)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid S-propyl butylethylthiocarbamate <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 1,1,1-trifluoro- <i>N</i> -(2-methyl-4-(phenylsulfonyl)phenyl)methanesulfonamide methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate 4-amino-3,5,6-trichloropicolinic acid 2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile 2,4-dinitro- <i>N</i> ³ , <i>N</i> ³ -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine <i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine 3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate <i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine 2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek- 'bū-mā-ton) siduron ('sid-ū-ron) silvex ('sil-veks) simazine ('sim-ə-zēn) simetryn ('sim-ə-trīn)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine 1-(2-methylcyclohexyl)-3-phenylurea 2-(2,4,5-trichlorophenoxy)propionic acid 2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA tebuthiuron (teb-ū- 'thī-ū-ron) terbacil ('tār-bā-sil) terbuchlor ('tār-bū-klōr) terbuthylazine (tār-bū- 'thī-lā-zēn) terbutol ('tār-bū-tol) terbutryn ('tār-bū-trīn) tetrafluron (te-trā- 'flōō-ron) thiobencarb (thī-ō- 'ben-kārb) triallate ('trī-ə-lāt) triclopyr ('trī-klō-pīr) trifluralin (trī- 'flūr-ə-lin) trimeturon (trī- 'met-ū-ron)	trichloroacetic acid <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea 3- <i>tert</i> -butyl-5-chloro-6-methyluracil <i>N</i> -(butoxymethyl)-2-chloro- <i>N'</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide 2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine 2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate 2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine <i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea <i>S</i> -[[4-chlorophenyl)methyl]diethylcarbamothioate <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate [(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine 1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA ^b 2,4-D 2,4-DB 2,4-DEP 2,4,5-T	2,3,6-trichlorobenzoic acid (2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butyric acid <i>tris</i> [2-(2,4-dichlorophenoxy)ethyl]phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate ('vēr-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
xylachlor ('xī-lā-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.