

## Common and Chemical Names of Herbicides<sup>a</sup>

Common Name or Designation	Chemical Name
acetochlor (ə-ˈcē-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-ˈkrō-lē-ən)	acrolein
alachlor (al-ə-klōr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (am-ə-trin)	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-trə-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bār-ban)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (ben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (ben-sā-lid)	<i>O,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
benzofluor (ben-zō-flōōr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl]methanesulfonamide
benzoylprop (ben-zō-il-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
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-ˈoks-i-nil)	3,5-dibromo-4-hydroxybenzonitrile
butachlor (bū-tə-klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
buthidazole (bū-ˈthid-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (bū-ti-lāt)	<i>S</i> -ethyl diisobutylthiocarbamate
cadolylic acid (ka-kō-ˈdil-ik-ˈas-id)	hydroxydimethylarsine oxide
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
chloramben (klōr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chloroxuron (klōr-ˈoks-ū-ron)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (klōr-ˈprō-fam)	isopropyl <i>m</i> -chlorocarbamate
chlorsulfuron (klōr-ˈsul-fū-ron)	2-chloro- <i>N</i> -[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]benzenesulfonamide
cimethylin (sin-ˈmeth-ə-lin)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
cloproxydim (klō-ˈprōx-e-dim)	( <i>E,E</i> )-2-[1-[(3-chloro-2-propenyl)oxy]imino]butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cylohexen-1-one
clopyralid (klō-ˈpir-ə-lid)	3,6-dichloro-2-pyridinecarboxylic acid
CMA	calcium methanearsonate
cyanazine (sī-ˈan-ə-zēn)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl]amino]-2-methylpropionitrile
cy cloate (sī-klō-āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
dalapon (ˈdal-ə-pon)	2,2-dichloropropionic acid
dazomet (ˈdaz-ō-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dez-ˈmed-ə-fam)	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
diallate (ˈdi-ə-lāt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dī-ˈkam-bə)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dī-klō-ˈben-əl)	2,6-dichlorobenzonitrile
dichlorprop (dī-klōr-prop)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dī-klō-fop)	2-[4-(2,4-dichlorophenoxy)phenoxy]propanoic acid
diethyl (dī-ˈeth-ə-til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-ˈfen-zō-kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-ˈnit-rə-mēn)	<i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -diethyl- $\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dī-nō-seb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dī-ˈfen-ə-mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dī-ˈprōp-ə-trin)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (dī-kwät)	6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- <i>c</i> ]pyrazinediium ion
diuron (dī-ū-ron)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DSMA	disodium methanearsonate
endothall (en-dō-thol)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
ethalfuralin (eth-əl-ˈflur-ə-lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-ˈfū-mə-sat)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfen-ak)	(2,3,6-trichlorophenyl)acetic acid
fenoxaprop (fen-ˈoks-ə-prop)	(±)-2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoic acid
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop (ˈflam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluaizifop (flōō-ˈaz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid
fluchloralin (flōō-ˈklōr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flōō-ō-ˈmet-ū-ron)	1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorochloridone (flōōr-ō-ˈklōr-ə-don)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluridone (ˈflur-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i> )-pyridinone
fomesafen (fō-ˈmes-ə-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (ˈfōs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
haloxyfop (ha-ˈloks-ē-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid
hexaflurate (heks-ə-ˈflur-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈaz-ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i> )-dione
imazaquin (ī-ˈmaz-ə-kwin)	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-quinolinecarboxylic acid
ioxynil (ī-ˈoks-i-nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ī-sō-ˈprōp-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

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

Common Name or Designation	Chemical Name
isouron (i-sō-ū-ron)	<i>N</i> '-[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-sok-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär- 'bū-tā-lāt)	<i>tert</i> -butylcarbamic acid ester with 3( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea
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
metham ( 'meth-am)	sodium methylthiocarbamate
methazole ( 'meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mā- 'tōl-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin ( 'me-trī- 'bū-zən)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i> )-one
met sulfuron (met- 'sul-fū-ron)	2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl] benzoic acid
MH	1,2-dihydro-3,6-pyridazinedione
molinatate ( 'mō-līn-āt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbithioate
monuron TCA	3-( <i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (na- 'prō-pā-mīd)	2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam ( 'nap-tā-lam)	<i>N</i> -1-naphthylphthalamic acid
nitrofen ( 'nī-trō-fen)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
norea (nō- 'rē-ə)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr- 'flur-ə-zon)	4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone
oryzalin (ō- 'rīz-ə-līn)	3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfanilamide
oxadiazon (oks-ə- 'dī-ə-zon)	2- <i>tert</i> -butyl-4(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -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
pebulate ( 'pēb-ū-lāt)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pen-dī- 'meth-ə-līn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pūr- '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-rām)	4-amino-3,5,6-trichloropicolinic acid
profluralin (prō- 'flur-ə-līn)	<i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon ( 'prō-mā-ton)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn ( 'prō-mā-trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide ( 'prō-nā-mīd)	3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor ( 'prō-pā-klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil ( 'prō-pā-nīl)	3',4'-dichloropropionanilide
propazine ( 'prō-pā-zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham ( 'prō-fam)	isopropyl carbanilate
pyrazon ( 'pī-rā-zon)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone
sethoxydim (seth- 'oks-ē-dīm)	2-[1-(ethoxyimino)butyl] -5-[2-(ethylthio)propyl] -3-hydroxy-2-cyclohexen-1-one
siduron ( 'sid-ū-ron)	1-(2-methylcyclohexyl)-3-phenylurea
simazine ( 'sīm-ə-zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
sulfometuron (sul-fō- 'met-ū-ron)	2-[[[(4,6-dimethyl-2-pyrimidinyl)amino] carbonyl] amino] sulfonyl] benzoic acid
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 ( 'tūr-bā-sīl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbutryn ( 'tūr-bū-trīn)	2-( <i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
thiobencarb (thī-ō- 'ben-kārb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamoithioate
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
tridiphane ( 'trī-dī-fān)	2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trifluralin (trī- 'flur-ə-līn)	$\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
vernolate ( 'vēr-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
xylachlor ( 'zī-lā-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

### Common and Chemical Names of Herbicide Modifiers

cyometrinil (sī-ō- 'met-rī-nīl)	( <i>Z</i> )- $\alpha$ [(cyanomethoxy)imino] benzeneacetoneitrile
dichlormid ( 'dī-klōr-mīd)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide
dietholate ( 'dī-eth-ō-lāt)	<i>O,O</i> -diethyl <i>O</i> -phenyl phosphorothioate
flurazole ( 'flur-ə-zōl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate ( 'mef-ə-nāt)	4-chlorophenyl methylcarbamate

<sup>a</sup>Herbicides 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.