

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name^b

acetochlor (ă sê' tō klōr)	2-chloro- <i>N</i> -(ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (ă krō'le ĩn)	acrolein
alachlor (ăl'ă clōr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl) acetanilide
ametryne (ăm'ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ăm'i trōl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ũ lăm)	methyl sulfanilylcarbamate
atratone (ă'trá tōn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine
atrazine (ă'trá zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (băr'băn)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bēn'ē fĩn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bēn'sũl ĩd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl) benzenesulfonamide
bentazon (bēn'tă zōn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) <i>3H</i> -one 2,2-dioxide
benzadox (bēn'zũh dōx)	(benzamidooxy) acetic acid
bifenox (bĭ' fē năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brō'mă sĭl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brō mōx'y nĭl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byũt' a klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
buturon (bũ'tũ rōn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ'tĩ lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că'cō dỹl'ic)	hydroxydimethylarsine oxide
carbetamide (căr bēt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klōr ăm'bēn)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klōr rá zēn)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
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'făm)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chlorpropham)	
CMA	calcium methanearsonate
cyanazine (cĭ-ăn'-ă-zēn)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sy'clōăt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'klũ rōn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (sĭ'pră zēēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cypromid (sy'prō mĭd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl'ă pōn)	2,2-dichloropropionic acid
dazomet (dă'zō mēt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCCA	dimethyl tetrachloroterephthalate
DCU	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea
delachlor (dēl ä klōr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dēz' mēd ě făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryne (dēs'mě trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĭ'ăl lăt)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dĭ kămb'ă)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĭ'clō bēn'ĭl)	2,6-dichlorobenzonitrile
dichlormate (dĭ chlōr mătē)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĭ'clōr prōp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĭ'crĭl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĭ-nĭ'-tră-mēn)	<i>N,N,N'</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĭ'nō săm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĭ'nō sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĭ fēn' á mĭd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diquat (dĭ'kwăt)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinediium ion
diuron (dĭ'ũ rōn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DMTT (see dazomet)	
DNAP (see dinosam)	
DNBP (see dinoseb)	
DNC (see DNOC)	
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn'dō thăl)	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ũr'bōn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fēn'ăc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn'ũ rōn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluometuron (flũ ō mē'tũ rōn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũr ō dĭ'fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĭ' fō săt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hĕx' á flōor'ătē)	potassium hexafluoroarsenate
ioxynil (ĭ ōx'y nĭl)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ip' á zēn)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see propham)	

isocil (i'sō sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (i'sōprō'pa līn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine
karbutilate (kar byūt'l āt) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lēn' ā cīl)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (līn'ū rōn)	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
MCPES	2-[(4-chloro- <i>o</i> -tolyl)oxy]ethyl sodium sulfate
MCP (see mecoprop)	
mecoprop (mēc'ō prōp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
metham (mēth'ām)	sodium methylthiocarbamate
methazole (mēth' ā zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metobromuron (mēt'ō brom'ū rōn)	3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea
metribuzin (mē-trī-bu'zīn)	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 (mō'li nāt)	5-ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mōn'ō līn'ū rōn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mōn'ū rōn)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
naptalam (nāp'tā lām)	<i>N</i> -1-naphthylphthalamic acid
neburon (nēb'ū rōn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nī'trā līn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nī'trō fēn)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
norea (nō rē'uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
NPA (see naptalam)	
oryzalin (ō rī' zā līn)	3,5-dinitro- <i>N,N</i> -dipropylsulfanilamide
paraquat (pār' ā kwāt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
PCP	pentachlorophenol
pebulate (pēb'ū lāt)	3-propyl butylethylthiocarbamate
phenmedipham (fēn mēd'i fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pīc'lōr ām)	4-amino-3,5,6-trichloropicolinic acid
PMA	(acetato) phenylmercury
prometone (prō'mē tōn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryne (prō'mē trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prōn'ā mīde)	<i>N</i> -(1,1-dimethylpropynyl)-3,5-dichlorobenzamide
propachlor (prō'pā clōr)	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' fām)	isopropyl carbanilate
prynachlor (prīn' ā klōr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pī'rā zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
pyriclor (pī'rī clōr)	2,3,5-trichloro-4-pyridinol
sesone (sēs'ōn)	2-(2,4-dichlorophenoxy)ethyl sodium sulfate
siduron (sīd'ū rōn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sīl'vēks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sīm'ā zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetone (sīm'ē tōn)	2,4-bis(ethylamino)-6-methoxy- <i>s</i> -triazine
simetryne (sīm'ē trīn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
SMDC (see metham)	
solan (sō'lān)	3'-chloro-2-methyl- <i>p</i> -valeroluidide
swep (swēp)	methyl 3,4-dichlorocarbanilate
tebuthiuron (tēb ū thī' ū rōn)	1-(5- <i>tert</i> -butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea
terbacil (tēr'bā cīl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
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
TCA	trichloroacetic acid
triallate (trī' āl lāt)	5-(2,3,3-trichloroallyl) diisopropylthiocarbamate
tricamba (trī cām'bā)	3,5,6-trichloro- <i>o</i> -anisic acid
trietazine (trī ēt' ā zēn)	2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine
trifluralin (trī flūr' ā līn)	α,α,α-trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī mēt'ū rōn)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA ^c	2,3,6-trichlorobenzoic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DEB	2-(2,4-dichlorophenoxy)ethyl benzoate
2,4-DEP	tris[2-(2,4-dichlorophenoxy)ethyl]phosphite
2,4-DP (see dichlorprop)	
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
2,4,5-TES	sodium 2-(2,4,5-trichlorophenoxy)ethyl sulfate
vernolate (vēr'nō lāt)	3-propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 14(4), 1966.

^bAs tabulated in this paper, a chemical name occupying two lines separated by an equal (=) sign is joined together without any separation if written on one line.

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