

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name^b

acetochlor (ă sê' tồ klờ)	2-chloro- <i>N</i> (ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (á krồ'le in)	acrolein
alachlor (ăl'á clờ)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl) acetanilide
ametryne (ăm'ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ăm'í trồ)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ù lăm)	methyl sulfanilylcarbamate
atratone (ă'trá tồ)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine
atrazine (ă'trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (băr'băn)	4-chloro-2-butyl <i>m</i> -chlorocarbanilate
benefin (bên'ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên'sũl id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl) benzenesulfonamide
bentazon (bên'tă zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) <i>3H</i> -one 2,2-dioxide
benzadox (bên'zũh đố)	(benzamidooxy) acetic acid
bromacil (brồ'má sũl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brồ mỗx'ỹ nũl)	3,5-dibromo-4-hydroxybenzotriazole
butachlor (byũt' a klờ)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
buturon (bũ'tũ rôn)	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'cồ đỹl'ic)	hydroxydimethylarsine oxide
carbetamide (căr bết' á mĩde)	<i>D-N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klờ ăm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klờ rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlorbromuron (klờ' brồm u rôn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klồ rỗx'ũ rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clờ prồ'făm)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chlorpropham)	
CMA	calcium methanearsonate
cyanazine (cĩ-ăn'-á-zên)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sy'clồ át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (sĩ'pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cypromid (sy'prồ mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl'á pôn)	2,2-dichloropropionic acid
dazomet (dă'zồ mết)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
DCU	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea
delachlor (dêl á klờ')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmetryne (dês'mê trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ'ăl lăt)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dĩ kă'm'bă)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ'clồ bên'ĩl)	2,6-dichlorobenzonitrile
dichlormate (dĩ chlờ' măt)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ'clờ prồp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ'crĩl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĩ-nĩ'-tră-mên)	<i>N,N</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĩ'nồ săm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĩ'nồ sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ fên' á mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diquat (dĩ'kwăt)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinediium ion
diuron (dĩ'ũ rôn)	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 (ên'dồ thăl)	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ư'bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fên'ăc)	(2,3,6-trichlorophenyl) acetic acid
fenuron (fên'ũ rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluometuron (flũ ô mết'ũ rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ô dĩ'fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ' fồ săt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hêx' á flồor'ăt)	potassium hexafluoroarsenate
ioxynil (ĩ ôx'ỹ nũl)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ĩp' á zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see propham)	
isocil (ĩ'sồ sũl)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (ĩ'sồprồ'pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

KOCN karbutilate (kar byüt'1 ät)	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lën' á cīl) linuron (līn' ū rōn)	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 MCPES MCPP (see mecoprop) mecoprop (mëc'ō prōp) metham (mëth'äm) methazole (mëth'- ä-zōl) metobromuron (më't'ō brom' ū rōn) metribuzin (më-trī-bu'-zīn) MH molinate (mō'li nāt) monolinuron (mōn'ō līn' ū rōn) monuron (mōn' ū rōn) monuronTCA MSMA	methanearsonic acid monoammonium methanearsonate [(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]ethyl sodium sulfate 2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea 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 methanearsonate
naptalam (nāp'tā lām) neburon (nëb' ū rōn) nitalin (nī'trā līn) nitrofen (nī'trō fën) norea (nō rē'uh) NPA (see naptalam)	<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 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
oryzalin (ō rī' zā līn)	3,5-dinitro- <i>N,N</i> '-dipropylsulfanilamide
paraquat (pār' á kwät) PBA PCP pebulate (pëb' ū lāt) phenmedipham (fën mëd'i fām) picloram (pīc'lōr ām) PMA prometone (prō'më tōn) prometryne (prō'më trīn) pronamide (prōn'ä mīde) propachlor (prō'pā clōr) propanil (prō'pā nīl) propazine (prō'pā zēn) propham (prō' fām) prynachlor (prīn' ä klōr) pyrazon (pī'rā zōn) pyriclor (pī'rī clōr)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid pentachlorophenol 5-propyl butylethylthiocarbamate methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate 4-amino-3,5,6-trichloropicolinic acid (acetato) phenylmercury 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine <i>N</i> -(1,1-dimethylpropynyl)-3,5-dichlorobenzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone 2,3,5-trichloro-4-pyridinol
sesone (sës'ōn) siduron (sīd' ū rōn) silvex (sīl'vëks) simazine (sīm'ä zēn) simetone (sīm'ë tōn) simetryne (sīm'ë trīn) SMDC (see metham) solan (sō'lān) swep (swëp)	2-(2,4-dichlorophenoxy)ethyl sodium sulfate 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-methoxy- <i>s</i> -triazine 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tebuthiuron (tëb ū thī' ū rōn) terbacil (tër'bā cīl) terbutol (tër'bū tōl) terbutryn (tër'bū trīn) TCA triallate (trī' āl lāt) tricamba (trī cām'bā) trietazine (trī ët' ä zēn) trifluralin (trī flūr' ä līn) trimeturon (trī mët' ū rōn) 2,3,6-TBA ^c 2,4-D 2,4-DB 2,4-DEB 2,4-DEP 2,4-DP (see dichlorprop) 2,4,5-T 2,4,5-TES	3'-chloro-2-methyl- <i>p</i> -valerotoluidide methyl 3,4-dichlorocarbanilate
vernolate (vër'nō lāt)	1-(5- <i>tert</i> -butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea 3- <i>tert</i> -butyl-5-chloro-6-methyluracil 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 trichloroacetic acid 5-(2,3,3-trichloroallyl) diisopropylthiocarbamate 3,5,6-trichloro- <i>o</i> -anisic acid 2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine 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-trichlorobenzoic acid (2,4-dichlorophenoxy) acetic acid 4-(2,4-dichlorophenoxy) butyric acid 2-(2,4-dichlorophenoxy) ethyl benzoate tris[2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy) acetic acid sodium 2-(2,4,5-trichlorophenoxy) ethyl sulfate
	<i>S</i> -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.