

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name^b

acrolein (á krõ'le ín)	acrolein
alachlor (ál'a clõr)	2-chloro-2',6'-diethyl-N-(methoxymethyl) acetanilide
ametryne (ám'ě trīn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amiben (see chloramben)	
amitrole (ám'ī trõl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ū lām)	methyl sulfanilylcarbamate
atratone (á'trá tõn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy-s-triazine
atrazine (á'trá zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bār'bān)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (běn'ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn'sũl ĩd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl) benzenesulfonamide
bentazon (běn'tā zõn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) <i>3H</i> -one 2,2-dioxide
benzadox (běn'zuh dõx)	(benzamidooxy) acetic acid
bromacil (brõ'mā sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brõ mõx'ý nĩl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byüt' a klõr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
buturon (bũ'tũ rõn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ'tĩ lāt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cā'cõ dýl'ic)	hydroxydimethylarsine oxide
carbetamide (cār bět' á mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDE	2-chloroallyl diethyldithiocarbamate
chloramben (klõr ām'bēn)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klõr' rā zēn)	2-chloro-4,6-bis(diethylamino)-s-triazine
chlorbromuron (klõr' brõm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klõ rõx'ũ rõn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clõr prõ'fām)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chlorpropham)	
CMA	calcium methanearsonate
cyazazine (cĩ-ān'-ā-zēn)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sý'clõ āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sý'klũ rõn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (sĩ'prā zēēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cypromid (sý'prõ mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dāl'ā põn)	2,2-dichloropropionic acid
dazomet (dā'zõ mēt)	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 (děl ā klõr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmetryne (dēs'mě trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dĩ'āl lāt)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dĩ kām'bā)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ'clõ bēn'ĩl)	2,6-dichlorobenzonitrile
dichlormate (dĩ chlõr mātē)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ'clõr prõp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ'crĩl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĩ-nĩ'-trā-mēn)	<i>N,N</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĩ'nõ sām)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĩ'nõ sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ fēn' ā mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diquat (dĩ'kwāt)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinediium ion
diuron (dĩ'ũ rõn)	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'dõ thāl)	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ũr'bõn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fēn'ác)	(2,3,6-trichlorophenyl) acetic acid
fenuron (fēn'ũ rõn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluometuron (flũ õ mēt'ũ rõn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ õ dĩ'fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ' fõ sāt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hěx' ā flõr'āte)	potassium hexafluoroarsenate
ioxynil (ĩ õx'ý nĩl)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ĩp' ā zēn)	2-chloro-4-(diethylamino)-6-(isopropylamino)-s-triazine
IPC (see propham)	
isocil (ĩ'sõ sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (ĩ'sõprõ'pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

karbutilate (kar byüt'1 ät) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lën' ä cïl) linuron (lîn'ü rôn)	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'ô prôp) metham (mëth'äm) methazole (mëth' ä-zöl) metobromuron (mët'ô brom'ü rôn) metribuzin (më-trï-bu'-zïn) MH molinate (mô'li nât) monolinuron (môn'ô lîn'ü rôn) monuron (môn'ü rôn) 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-pyridazine-dione 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 (näp'tä lām) neburon (nëb'ü rôn) nitalin (nï'trä lîn) nitrofen (nï'trô fën) norea (nô rë'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 (ô rï' zä lïn)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
paraquat (pär' ä kwät) PBA PCP pebulate (pëb'ü lät) phenmedipham (fën mëd'i fām) picloram (pïc'lôr äm) PMA prometone (prô'më tön) prometryne (prô'më trin) pronamide (prôn'ä mïde) propachlor (prô'pä clôr) propanil (prô'pä nïl) propazine (prô'pä zën) propham (prô' fām) prynachlor (prïn' ä klôr) pyrazon (pï'rä zôn) pyriclor (pï'rï clôr)	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'ôn) siduron (sïd'ü rôn) silvex (sil'veks) simazine (sïm'ä zën) simetone (sïm'ë tön) simetryne (sïm'ë trin) SMDC (see metham) solan (sô'län) 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 ü thï' ü rôn) terbacil (tër'bä cïl) terbutol (tër'bü töl) terbutryn (tër'bü trïn) TCA triallate (trï' äll ät) tricamba (tri cäm'bä) trietazine (trï ët' ä zën) trifluralin (trï flür' ä lïn) trimeturon (trï mët'ü rôn) 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 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,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
vernolate (vër'nô lät)	5-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.