

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

Common Name or Designation

Chemical Name<sup>b</sup>

acetochlor (ã sé' tồ klôr)	2-chloro- <i>N</i> -(ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (ã krô'le ín)	acrolein
alachlor (ãl'ã chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ãm'ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ãm'í trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ãs' ù lăm)	methyl sulfanylcarbamate
atraton (ã trá tòn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine
atrazine (ã trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bãr'bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbamilate
benefin (bên'ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên'súl íd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên'tã zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (bên'zuh dôx)	(benzamidooxy)acetic acid
bifenox (bĩ'fê nãkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô'mã sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô mốx'ỹ nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byũ't'ã klôr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjũ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
butralin (bũ' trá lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
buturon (bũ' tũ rôn)	3-( <i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ'ti lâť)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã'cô dỹ'íc)	hydroxydimethylarsine oxide
carbetamide (cãr bết'ã mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloroamben (klôr ãm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klô' rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlor bromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rốx'ũ rôn)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chloroprotham (clôr prồ'fãm)	isopropyl <i>m</i> -chlorocarbamilate
CIPC (see chlorprotham)	
CMA	calcium methanearsonate
cyanazine (cĩ-ãn'-ã-zên)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy'clô ãť)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (sĩ'prã zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sĩ' prã zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy'prô mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl'ã pôn)	2,2-dichloropropionic acid
dazomet (dã'zô mêt)	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'ã klôr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mêt ê fãm)	ethyl <i>m</i> -hydroxycarbamilate carbanilate (ester)
desmetryn (dê's' mêt trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ'ãl lâť)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ'kãm'bã)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ'clô bèn'nil)	2,6-dichlorobenzonitrile
dichlormate (dĩ'chlôr mãť)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ'clôr prốp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ' crũl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĩ-nĩ'-trã-mên)	<i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĩ'nô sãm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĩ'nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ'fên'ã mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prốp'ê trỹn)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (dĩ'kwãť)	6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- $\epsilon$ ]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'dô thãl)	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ũr'bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethiolate (e thĩ' ô lâťe)	<i>S</i> -ethyl diethylthiocarbamate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fên'ãc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên'ũ rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klôr'ã lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ô mêt'ũ rôn)	1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũr ô dĩ'fên)	<i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ'fô sãť)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hêx'ã flôor'ãťe)	potassium hexafluoroarsenate
ioxynil (ĩ'ốx'ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ĩp'ã zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see protham)	
isocil (ĩ'sô sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (ĩ'sô prồ'pã lĩn)	1,1-dimethyl-3-( <i>p</i> -nitrophenyl)-2,2-dipropylcumidine

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karbutilate (kar byüt' l ät) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lën' ä cil) linuron (lín' ü rön)	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 MCP (see mecoprop) mecoprop (mëc' ö próp) metham (mëth' äm) methazole (mëth'- ä-zöl) metobromuron (më't ö brom' ü rön) metribuzin (më-tri-bu'-zín) MH molinate (möl' lí nät) monolinuron (mön' ö lín' ü rön) monuron (mön' ü rön) 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> -triazine-5(4 <i>H</i> )one 1,2-dihydro-3,6-pyridazinedione <i>S</i> -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
napropamide (nä próp' ä mīde) naptalam (näp' tá läm) neburon (něb' ü rön) nitralin (ní trá lín) nitrofen (ní trö fën) norea (nō ré' uh) norflurazon (nór' flür ä zän) NPA (see naptalam) oryzalin (ö rí' zä lín) oxadiazon (ox' ä dí' ä zon) paraquat (pâr' ä kwät) PBA PCP pebulate (pëb' ü lát) perfluidone (per' flü i dōn) phenmedipham (fën mëd' i fäm) picloram (pic' lôr äm) PMA profluralin (prö flür' ä lín) prometon (prö' më tôn) prometryn (prö' më trin) pronamide (prön' ä mīde) propachlor (prö' pá clôr) propanil (prö' pá nil) propazine (prö' pá zën) propham (prö' fäm) prynachlor (prín' ä klôr) pyrazon (pí' rä zōn) pyriclor (pí' ri clôr)	2-( $\alpha$ -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 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone  3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one 1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid pentachlorophenol <i>S</i> -propyl butylethylthiocarbamate 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 (acetato) phenylmercury <i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -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-propynyl)benzamide 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 (sëš' ön) siduron (sid' ü rön) silvex (sil' vëks) simazine (sim' ä zën) simeton (sim' ë tôn) simetryn (sim' ë trin) SMDC (see metham) solan (söl' län) swep (swëp) tebuthiuron (tëb' ü thī' ü rön) terbacil (tër' bá cil) terbutylazine (ter byü thī' ä zën) terbutol (tër' bü töl) terbutryn (tër' bü trin) TCA triallate (trī' ä lät) tricamba (tri cäm' bá) trietazine (trī' ë t' ä zën) trifluralin (trī' flür' ä lín) trimeturon (trī' më't ü rön) 2,3,6-TBA <sup>c</sup> 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 vernolate (vër' nō lät)	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  3'-chloro-2-methyl- <i>p</i> -valerotoluidide methyl 3,4-dichlorocarbanilate <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 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 trichloroacetic acid <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate 3,5,6-trichloro- <i>o</i> -anisic acid 2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine $\alpha,\alpha,\alpha$ -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

<sup>a</sup>Herbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 14(4), 1966.

<sup>b</sup>As 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.

<sup>c</sup>This 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.