

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 in)	acrolein
alachlor (ăl'ă chlōr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ăm'ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ăm'í trōl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ũ lăm)	methyl sulfanilylcarbamate
atraton (ă tră tōn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine
atrazine (ă tră zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (băr'băn)	4-chloro-2-butynyl <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'sul' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên'tă zōn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (bên'zuh dōx)	(benzamidoxy)acetic acid
bifenox (bî' fê năkș)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brō'mă sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brō mōx'ŷ nîl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byūt' a klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjū' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
butralin (bū' tră lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
buturon (bū'tŭ rōn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bū'ti lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că'cō dŷl'ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt' â mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloroamben (klōr ăm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klō' ră zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlōr bromuron (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
chloropropham (clōr prō'făm)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chlorpropham)	
CMA	calcium methanearsonate
cyanazine (ci-ăn'-ă-zên)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy'clō ât)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'klŭ rōn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (si' pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (si' pră zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy'prō mîd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl'ă pōn)	2,2-dichloropropionic acid
dazomet (dă zō mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCA	dimethyl tetrachloroterephthalate
DCU	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea
delachlor (dêl ă klōr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mêt ê făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês'mê trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (di'ăl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (di' kămb'ă)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (di'clō bêt'n'îl)	2,6-dichlorobenzonitrile
dichlormate (di' chlōr mătê)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (di'clōr prōp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (di' cril)	3',4'-dichloro-2-methylacrylanilide
dinitramine (di-nî'tră-mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (di'nō săm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (di'nō sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (di' fê'n' â mîd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (di' prōp' ê trŷn)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (di'kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinediium ion
diuron (di' 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 (ên'dō thăl)	7-oxabicyclo[2,2,1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ŭr'bōn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethiolate (e thî' ô lătê)	<i>S</i> -ethyl diethylthiocarbamate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fê'n'ăc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fê'n' ũ rōn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flŭ klōr' a lîn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flŭ ô mêt' ũ rōn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flŭr ô di' fê'n)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glî'fō săt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hêx' â flōr'ătê)	potassium hexafluoroarsenate
ioxynil (i' ôx'ŷ nîl)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (îp' â zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see propham)	
isocil (i'sô sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (i' sōprō' pa lîn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byŭ'ĩ àt) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lĕn' á cĭl) linuron (lĭn' ũ rŏn)	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 (mĕc'ŏ prŏp) metham (mĕth' äm) methazole (mĕth'-äzŏl) metobromuron (mĕt'ŏ brŏm' ũ rŏn) metribuzin (mĕ-trĭ-bu'-zĭn) MH molinate (mŏ'lĭ nāt) monolinuron (mŏn'ŏ lĭn' ũ rŏn) monuron (mŏn' ũ rŏn) 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 (nă prŏp' á mĭde) naptalam (năp' tá lăm) neburon (nĕb' ũ rŏn) nitralin (nĭ trá lĭn) nitrofen (nĭ trŏ fĕn) norea (nŏ rĕ' uh) norflurazon (nŏr' flŭr ə zăn) NPA (see naptalam) oryzalin (ŏ rĭ ză lĭn) oxadiazon (ŏx' á dí' á zon) paraquat (pâr' á kwăt) PBA PCP pebulate (pĕb' ũ lăt) perfluidone (per' flŭ ĭ dŏn) phenmedipham (fĕn mĕđ' ĭ făm) picloram (pĭclŏr äm) PMA profluralin (prŏ flŭr' á lĭn) prometon (prŏ' mĕ tŏn) prometryn (prŏ' mĕ trĭn) pronamide (prŏn' á mĭde) propachlor (prŏ pá clŏr) propanil (prŏ pá nil) propazine (prŏ pá zĕn) propham (prŏ' făm) prynachlor (prĭn' á klŏr) pyrazon (pĭ rá zŏn) pyriclor (pĭ rĭ clŏr)	2-(α -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-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone 3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^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)- α,α,α -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 (sĕs' ŏn) siduron (sĭd' ũ rŏn) silvex (sil'vĕks) simazine (sĭm' á zĕn) simeton (sĭm' ĕ tŏn) simetryn (sĭm' ĕ trĭn) SMDC (see metham) solan (sŏ' lăn) swep (swĕp) tebuthiuron (tĕb' ũ thĭ ũ rŏn) terbacil (tĕr' bā cĭl) terbuthylazine (ter byŭ thĭl' ä zĕn) terbutol (tĕr' bŭ tŏl) terbutryn (tĕr' bŭ trĭn) TCA triallate (trĭ ä l lăt) tricamba (trĭ cām' bā) trietazine (trĭ ĕt' á zĕn) trifluralin (trĭ flŭr' á lĭn) trimeturon (trĭ mĕt' ũ rŏn) 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 vernolate (vĕr' nŏ lăt)	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 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 <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 equals sign (=) is published online by Cambridge University Press 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.