

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 (à krồ'le in)	acrolein
alachlor (ăl'ă chlờ)	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 trồl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ù lăm)	methyl sulfanilylcarbamate
atraton (ă trá' tòn)	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-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'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)3 <i>H</i> -one 2,2-dioxide
benthiocarb (ben thi' o carb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
benzadox (bên'zũh đox)	(benzamidooxy)acetic acid
benzipram ('ben zi' pram)	<i>N</i> -benzyl- <i>N</i> -isopropyl-3,5-dimethylbenzamide
bifenox (bĩ' fê năkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brồ' mà sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brồ' mố'x'ỹ nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (byũ' á klờ)	<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' tú rôn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ' tí lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cấ'cồ dỹ'lic)	hydroxydimethylarsine oxide
carbetamide (căr' bết' á mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloroamben (klờ' ăm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klồ' rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlorbromuron (klờ' brồ'm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klồ' rồ'x'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 (ci-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
cyperquat ('si pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sĩ' pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sĩ' pră zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prồ' mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl' á pôn)	2,2-dichloropropionic acid
dazomet (dă' zồ' 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' ä klờ')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mêđ' ê făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dêđ' mêđ' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' àl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kăm' bả)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clồ' bên' ìl)	2,6-dichlorobenzotrile
dichlormate (dĩ' chlờ' mătê)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ' chlờ' prồp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ' c' ryl)	3',4'-dichloro-2-methylacrylanilide
difenzoquat (dĩ' fên' zồ kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ' trá- mên)	<i>N</i> ⁴ , <i>N</i> ⁵ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĩ' nô săm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĩ' nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ' fên' á mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prồp' ê trỳn)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinedium ion
diuron (dĩ' ù 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' đồ' thăl)	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' ò lătê)	<i>S</i> -ethyl diethylthiocarbamate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fê'n' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ' klờ' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ' ô mết' ù 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 flồ' rătê)	potassium hexafluoroarsenate
ioxynil (ĩ' ố'x'ỹ nil)	4-hydroxy-3,5-diiodobenzotrile
ipazine (ĩp' á zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see propham)	
isocil (ĩ' sồ sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (ĩ' sồ' prồ' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byü'ł ät) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lěń' 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 MCPP (see mecoprop) mecoprop (mēc'ō prōp) metham (mēth'äm) methazole (mēth'-ä-zöl) metobromuron (mět'ō brom'ü rön) metribuzin (mē-tri-bu'-zín) MH molinate (mō'lı nāt) monolinuron (mōn'ō lín'ü rön) monuron (mōn'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 prōp' a mīde) naptalam (näp'tä lām) neburon (něb'ü rön) nitralin (nǐ trá lín) nitrofen (nǐ trō fěń) norea (nō rě'uh) norflurazon (nōr' flūr ä zän) NPA (see naptalam) oryzalin (ō rǐ zä lín) oxadiazon (ōx' a dí' a zōn) paraquat (pār' ä kwät) PBA PCP pebulate (pěb'ü lāt) perfluidone (per' flū i dōń) phenmedipham (fěń mēđ' i fām) picloram (pǐclōr' äm) PMA	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
procyazine (prō' sǐ ä zēń) profluralin (prō flūr' ä lín) prometon (prō mē tōń) prometryn (prō mē trín) pronamide (prōń' ä mīde) propachlor (prō pá clōr) propanil (prō pá nít) propazine (prō pá zēń) propham (prō' fām) prynachlor (prín' ä klōr) pyrazon (pǐ tá zōń) pyriclor (pǐ rǐ clōr) sesone (sēs'ōń) siduron (síd'ü rön) silvex (sǐl'věks) simazine (sím' ä zēń) simeton (sǐm' ē tōń) simetryn (sím' ē trín) SMDC (see metham) solan (sō' lāń) swep (swěp) tebuthiuron (tēb, ü thǐ' ü rön) terbacil (těr' bā cil) terbuthylazine (ter byü thǐl' ä zēń) terbutol (těr' bũ tōl) terbutryn (těr' bũ trín) TCA triallate (trǐ' ä lāt) tricamba (tri cām' bā) Triclopyr ('trǐ klō pír) trietazine (trǐ' ět' ä zēń) trifluralin (trǐ flūr' ä lín) trimeturon (trǐ mēt' ü rön) 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 (věr' nō lāt)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile <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 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 [(3,5,6-trichloro-2-pyridinyl)oxy]acetic 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 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.