

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name ^b
acetochlor (ã sê' tồ klôr)	2-chloro- <i>N</i> (ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (ã krô'le in)	acrolein
alachlor (ã' á chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryne (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 sulfanilylcarbamate
atratone (ã' trá tôn)	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 (bã' bãn)	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
benzazon (bên' tá zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (bên' zũh đốx)	(benzamidooxy)acetic acid
bifenox (bĩ fê nãkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' mốx' ỹ nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byũ' t' a klôr)	<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' ti lât)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã' cồ đỹ' líc)	hydroxydimethylarsine oxide
carbetamide (cãr bết' á mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDE	2-chloroallyl diethylthiocarbamate
chloroamben (klôr ãm' bẽn)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klô' rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlorobromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô' rốx' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chloroprotham (clôr' prố' fãm)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chloroprotham)	
CMA	calcium methanearsonate
cyanazine (cũ-ãn'-ã-zên)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clô' át)	<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' á 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' ä klôr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mêt' ê fãm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryne (dêz' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' ãl lât)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kãm' bã)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clô' bẽn' ãl)	2,6-dichlorobenzonitrile
dichlormate (dĩ' chlôr' mâte)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ' clôr' prốp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ' crĩl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĩ- nĩ'- trá- mên)	<i>N</i> ³ , <i>N</i> ⁴ -diethyl- α,α,α -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' á 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' kwât)	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' đô' 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' lãte)	<i>S</i> -ethyl diethylthiocarbamate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fên' 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 klôr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ò' mêt' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũr ò' dĩ' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ' fô' sãt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hêx' á flôor' ãte)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ĩp' á 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' prô' ãl in)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byüf' l ät) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lèn' á cül) 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 (mèc' ò pròp) metham (mèth' äm) methazole (mèth' -ä zöl) metobromuron (mèt' ò brom' ü rön) metribuzin (mè-tri-bu' -zín) MH molinate (mó' lli nät) monolinuron (môn' ò lín' ü rön) monuron (môn' 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 methyldithiocarbamate 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 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
napropamide (nä röp' a mîde) naptalam (näp' tá läm) neburon (nèb' ü rön) nitralin (ní trá lín) nitrofen (ní tró fèn) norea (nò ré' uh) norflurazon (nór' flür ä zän) NPA (see naptalam)	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
oryzalin (ò rí zä lín) oxadiazon (ox' a dí a zön)	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
paraquat (pär' á kwät) PBA PCP pebulate (pèb' ü lát) phenmedipham (fèn mèd' i fäm) picloram (pic' lôr äm) PMA profluralin (prò flür' á lín) prometone (prò mè' tòn) prometryne (prò mè' trin) pronamide (prôn' ä mîde) propachlor (prò pá clôr) propanil (prò pá nil) propazine (prò pá zèn) propham (prò' fäm) prynachlor (prin' ä klôr) pyrazon (pí' rü zôn) pyriclor (pí' ri 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 <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 <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 (sès' òn) siduron (sid' ü rön) silvex (sil' vèks) simazine (sim' ä zèn) simeone (sim' è tòn) simetryne (sim' è trin) SMDC (see metham) solan (só' län) swep (swèp)	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
tebuthiuron (tèb' ü thí' ü rön) terbacil (tèr' bá cül) terbutol (tèr' bù töl) terbutryn (tèr' bù trin) TCA triallate (trí' ä l lát) tricamba (tri cäm' bá) trietazine (trí' èt' ä zèn) trifluralin (trí' flür' á lín) trimeturon (trí' mèt' ü rön) 2,3,6-TBAC ^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	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 <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
vernolate (vèr' nõ lát)	<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 is separated by a space equal (63) to the number of lines. 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.