

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name ^b
acrolein (á kró'le ín)	acrolein
alachlor (á'f á chlór)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ám'ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (ám'í tról)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ás' ù lām)	methyl sulfanilylcarbamate
atrazine (á' trá zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bár'bǎn)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bén'ě fín)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bén'sül id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bén'tá zón)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (bén'zuh dóx)	(benzamidooxy)acetic acid
benzipram ('ben zi pram)	<i>N</i> -benzyl- <i>N</i> -isopropyl-3,5-dimethylbenzamide
bifenox (bí'fě nǎkš)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró'má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (bró móx'ý nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (byũ't' a klór)	<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 (bü' trá lín)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bü'tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cǎ'cò dýl'íc)	hydroxydimethylarsine oxide
carbetamide (cár bēt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klór ám'bēn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór bróm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (kló rǒx'ú rǒn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clór pró'fām)	isopropyl <i>m</i> -chlorocarbanilate
cisanilide (sis'an'á lide)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (ci-ǎn'-á zēn)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy'clò át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'klũ rǒn)	3-cyclooctyl-1,1-dimethylurea
cyperquat ('si pǎr kwät)	1-methyl-4-phenylpyridinium
cyprazine (sí'prǎ zēēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sí'prǎ zǒl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy'prò mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dǎl'á pǒn)	2,2-dichloropropionic acid
dazomet (dǎ'zò mēt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dēs' mēd ě fām)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dēs'mě trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dí'ál lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí'kǎm'bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí'clò bēn'íl)	2,6-dichlorobenzotrile
dichlorprop (dí'clór prǒp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dí'fēn zò kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí-ní'trá-mēn)	<i>N</i> ⁴ , <i>N</i> ⁸ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí'nò sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí'fēn' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí'prǒp' ě trin)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (dí'kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinediium ion
diuron (dí'ũ rǒn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn'dò thǎl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ũ'r'bǒn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flũr' á lín)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ' ò late)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fēn'ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn'ũ rǒn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klór' a lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ò mēt'ũ rǒn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũr ò dí'fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ'fò sát)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hèx' á flòor'áte)	potassium hexafluoroarsenate
ioxynil (ĩ' õx'ý nil)	4-hydroxy-3,5-diiodobenzotrile
isopropalin (ĩ'sòpró'pa lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byüt' l' át)	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lén' á cil) linuron (lín' ú 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	methanearsonic acid monoammonium methanearsonate [(4-chloro- <i>o</i> -tolyl)oxy]acetic acid 4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid
mecoprop (méc' ó pröp) metham (mèth' ám) methazole (mèth' á zöl) metribuzin (mè-tri-bu'-zín) MH molinate (mó' lí nát) monolinuron (món' ó lín' ú rôn) monuron (món' ú rôn) monuronTCA MSMA	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 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 (nā rōp' a mīde) naptalam (nāp' tá lām) neburon (nēb' ú rôn) nitralin (ní' trá lín) nitrofen (ní' trō fēn) norea (nō rē' uh) norflurazon (nōr' flūr ā zān)	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 (ó rī' zā lín) oxadiazon (ox' á dí' a zón)	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 (pār' á kwāt) PBA pebulate (pēb' ú lát) penoxalin (pen' áks-əlín) perfluidone (per' flū' í dōn) phenmedipham (fēn mēd' í fām) picloram (pic' lōr' ám) procyazine (prō' sī' ā zēn) profluralin (prō' flūr' á lín) prometon (prō' mē' tōn) prometryn (prō' mē' trín) pronamide (prōn' á mīde) propachlor (prō' pá' clōr) propanil (prō' pá' níl) propazine (prō' pá' zēn) propham (prō' fām) prosofalin (prō' sul' fa lín) prynachlor (prín' á klōr) pyrazon (pī' rá zōn)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid <i>S</i> -propyl butylethylthiocarbamate <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 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 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 <i>N</i> -[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek-'byū-me-, tăn) siduron (sid' ú rôn) silvex (sil' vēks) simazine (sīm' á zēn) simetryn (sīm' ē trín)	<i>N</i> -ethyl-6-methoxy- <i>N</i> '(1-methylpropyl)-1,3,5-triazine-2,4-diamine 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-(methylthio)- <i>s</i> -triazine
tebuthiuron (tēb' ū thī' ū rôn) terbacil (tēr' bá cil) terbutylazine (ter byū thil' ā zēn) terbutol (tēr' bū tōl) terbutryn (tēr' bū trín) TCA triallate (trī' āl lát) Triclopyr (trī' klō pir) trifluralin (tri flūr' á lín) trimeturon (trī' mēt' ū rôn)	<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-2-pyridinyl)oxy]acetic acid 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-TBA ^c 2,4-D 2,4-DB 2,4-DEP 2,4,5-T	2,3,6-trichlorobenzoic acid (2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butyric acid tris[2-(2,4-dichlorophenoxy)ethyl]phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate (vēr' nò 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 and in Weed Science 23(1), 1975.

^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.