

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acrolein (á kró'le ín)	acrolein
alachlor (ál'á chlór)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám'ě trín)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám'í tról)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ù lám)	methyl sulfanilylcarbamate
atrazine (á' trá zén)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bár' bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (běn'ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn'súl id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (běn'tá zón)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (běn'zúh dóx)	(benzamidoxy)acetic acid
benzipram ('ben zi pram)	<i>N</i> -benzyl- <i>N</i> -isopropyl-3,5-dimethylbenzamide
bifenox (bí' fě náks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró'má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brò móx'ý nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byú't a klór)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjü' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
butralin (bú' trá lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bú'tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá'cò dý'íc)	hydroxydimethylarsine oxide
carbetamide (cár'bět' á mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klór'ám'bén)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór'bróm u rón)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klò róx'ù rón)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clór'pró'fám)	isopropyl <i>m</i> -chlorocarbanilate
cisnailide (sis'an'á lide)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (ci-án'á-zén)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy'clò át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy'kiú rón)	3-cyclooctyl-1,1-dimethylurea
cyperquat ('si pər kwät)	1-methyl-4-phenylpyridinium
cyprazine (si'prá zěén)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (si'prá zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy'prò mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dál'á pón)	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 (déz' mēd ě fām)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dēs'mě trín)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí'ál lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí'kám'bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí'clò běn'íl)	2,6-dichlorobenzonitrile
dichlorprop (dí'clór'próp)	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> ⁴ -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'prop' ě trín)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diquat (dí'kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinediium ion
diuron (dí'ù rón)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn'dò thál)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (úr'bón)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth'ál flūr' á lín)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thí' ò láte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fēn'ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn'ù rón)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flú klór' á lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flú ò mēf'ù rón)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flūr ò dí'fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glí'fò sát)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hèx' á flóor'áte)	potassium hexafluoroarsenate
ioxynil (í'òx'ý nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í'sòpró'pa lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

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karbutilate (kar byüt'í át)	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lèn' á cil) linuron (lín' ù 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	methanearsonic acid monoammonium methanearsonate [(4-chloro- <i>o</i> -tolyl)oxy]acetic acid 4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid
mecoprop (mèc'ò próp) metham (mèth'ám) methazole (mèth'-à-zól) metribuzin (mè-tri-bú'-zín) MH molinate (mó'lí nāt) monolinuron (món'ò lín' ù rön) monuron (món' ù rön) 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 prōp' a mīde) naptalam (nāp' tá lām) neburon (nèb' ù rön) nitralin (nī' trá lín) nitrofen (nī' trō fèn) norea (nō rē' uh) norflurazon (nór' flūr ə 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 (ò nī' zā lín) oxadiazon (ox' a dí' a zon)	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 (pèb' ù lát) penoxalin (pen' äks-ə-lín) perfluidone (per' flū i dōn) phenmedipham (fèn mēd' i fām) picloram (pic' lōr əm) procyazine (prō' si ə 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 nīl) propazine (prō' pá zēn) propham (prō' fām) prosulfalin (prō' sul' fa lín) prynachlor (prin' ä 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'-byü-me- tån) siduron (sid' ù rön) silvex (sil' vèks) simazine (sīm' á zēn) simetryn (sīm' è 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
TCA tebuthiuron (tèb' ù thr' ù rön) terbacil (tèr' bá cil) terbutylazine (ter byü thil ə zēn) terbutol (tèr' bú tól) terbutryn (tèr' bú trín) triallate (trī' ä lāt) Triclopyr ('tri klō pir) trifluralin (trī' flūr' á lín) trimeturon (tri mēt' ù rön)	trichloroacetic acid <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 <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 ^b 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.

^bThis 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.