

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- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ám' è trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amítrole (ám' í tról)	3-amino-s-triazole
AMS	ammonium sulfate
asulam (ás' ù lăm)	methyl sulfanilylcarbamate
atrazine (á' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bár' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (bên' è fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sũl' íd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên' tá zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide
benzadox (bên' zuh dõx)	(benzamidoxy)acetic acid
benzipram (bên' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
bifenox (bí' fê nãks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró' mà sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (bró' mõx' ý nil)	3,5-dibromo-4-hydroxybenzoxonitrile
butachlor (byüt' á 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
buthidazole (byü' thid' á zõl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bü' trã lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine
butylate (bü' tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã' cõ dyl' íc)	hydroxydimethylarsine oxide
carbetamide (cãr' bêt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klór' âm' bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór' brõm' u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klõ' rõx' ù rõn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clõr' prõ' fãm)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sís' án' ò lfd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (ci' ăn' á zên)	2-[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clõ' át)	5-ethyl <i>N</i> -ethylthiocyclohexanecarbanilate
cycluron (sy' klü' rõn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pãr' kwät)	1-methyl-4-phenylpyridinium
cyprazine (sí' prã zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prã zol)	<i>N</i> -(5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl) cyclopropanecarboxamide
cypromid (sy' prõ' mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl' á põn)	2,2-dichloropropionic acid
dazomet (dã' zõ mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt' è fãm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí' ãl' lát)	5-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí' kãm' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clõ' bën' ìl)	2,6-dichlorobenzonitrile
dichlorprop (dí' clõr' prõp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dí' fên' zõ kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' ní' trá mèn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nõ sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fên' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí' prõp' è trin)	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 rõn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên' dô thãl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (úr' bõn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth' al flür' á lín)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzamine
ethiolate (e' thĩ' ò lãte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fên' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' ù rõn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klór' á lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ò mũ' ù rõn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ò dí' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flür' ý-dõn)	1-methyl-3-phenyl-5-[3-trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glĩ' fõ sãt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á flõór' äte)	potassium hexafluoroarsenate
ioxynil (ì õx' ý nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ì sõprõ' pa lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

karbutilate (kar byüt' l ät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1, 1-dimethylurea
lenacil (län' ä cil) linuron (län' 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 mecoprop (méc' ö pröp) mefluidide (me' flü i did) metham (mèth' äm) methazole (mèth' ä zöl) metolachlor (mé' täl ö klör) metribuzin (mè trī bu' zīn) MH molinate (mó' li nät) monolinuron (mön' ö lin' ü rön) monuron (mön' 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] propionic acid <i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino] phenyl]acetamide sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylthio)acetamide 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-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 pröp' ä mide) naptalam (näp' tä lām) neburon (nèb' ü rön) nitralin (nī trā lin) nitrofen (nī trö fën) nitrofluorfen (nitrö flör' fën) norea (nö rē' uh) norflurazon (nör' flür ö zän)	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 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 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 (ö ri' zä lin) oxadiazon (ox' ä di' ä zon) oxyfluorfen (ox' i-flör-fën)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ³ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pär' ä kwät) PBA pebulate (pèb' ü lät) pendimethalin (pèn' dī-mèth' ö lin) perfluidone (per' flü i dön) phenmedipham (fèn mèd' i fām) picloram (pic' lör äm) procyazine (prö' si ö zën) profluralin (prö flür' ä lin) prometone (prö' më tôn) prometryn (prö' më trin) pronamide (prön' ä mide) propachlor (prö' pä clör) propanil (prö' pä nil) propazine (prö' pä zën) propham (prö' fām) prosulfalin (prö sul' fa lin) prynachlor (prin' ä klör) pyrazon (pi' rä zön)	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-dinitrobenzamine 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 mé' tän) siduron (sid' ü rön) silvex (sil' vèks) simazine (sim' ä zën) simetryn (sim' è trin)	<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' ü th' ü rön) terbacil (tèr bà cil) terbuchlor (tèr' byü klör) terbuthylazine (tèr byü thil' ä zën) terbutol (tèr' bü töl) terbutryn (tèr' bü trin) tetrafluron (te-træ' flü-rän) trillate (trī ä lät) triclopyr (trī klö pir) trifluralin (trī flür' ä lin) trimeturon (trī mèt' ü 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 <i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide 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>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea <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 (vèr' nö lät)	<i>S</i> -propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listings, 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 chemical given.