

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acrolein (à kró le ín)	acrolein
alachlor (ál à chlór)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ám' è 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 lăm)	methyl sulfanilylcarbamate
atrazine (à trà zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bàr' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bên' è fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sùl' id)	<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' zùh dõx)	(benzamidooxy)acetic acid
benzipram (bên' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
bifenox (bì' fê nãks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró' mắ sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô mốx' ý nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (byüt' à 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' trắ lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bü' tí lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cắ' cồ dýl' ic)	hydroxydimethylarsine oxide
carbetamide (càr bết' à mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klór' à m' bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór' brôm u rôn)	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
chlorpropham (clôr' prồ' fám)	isopropyl <i>m</i> -chlorocarbanilate
cisnililide (sis' à n' ò lĩd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinedicarboxamide
CMA	calcium methanearsonate
cyanazine (củ' à n' à zên)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clô' àt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cyfluron (sy' klù rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sí' prắ zêen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sí' prắ zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prồ' mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dắl' à pôn)	2,2-dichloropropionic acid
dazomet (dắ' zồ mết)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dềz' mềd' è fám)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dềs' mề trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dỉ' àl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dỉ' kám' bắ)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dỉ' clô bën' il)	2,6-dichlorobenzotrile
dichlorprop (dỉ' clôr' prồp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dỉ' fên zồ kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dỉ' nỉ' trắ mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dỉ' nồ sềb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dỉ' fên' à mid)	<i>N,N</i> -dimethyl-2,2-dipheylacetamide
dipropetryn (dỉ' prồp' è trin)	2-ethylthio-4-bis-isopropylamino- <i>s</i> -triazine
diquat (dỉ' kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinediium ion
diuron (dỉ' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên' dồ thắ)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ừ' bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth' al flúr' à lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ' ò lăt)	<i>S</i> -ethyl diethylthiocarbamate
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 (flù klór' à lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flù ò mừ' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flù ò dỉ' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flúr' ý-dôn)	1-methyl-3-phenyl-5-[3-trifluoromethylphenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glĩ' fồ sắt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hềx' à flồor' àt)	potassium hexafluoroarsenate
ioxynil (i òx' ý nil)	4-hydroxy-3,5-diiodobenzotrile
isopropalin (ì' sóprồ' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

karbutilate (kar byüt' lät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1, 1-dimethylurea
lenacil (lèn' à cil) linuron (lín' ù ròn)	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 (mèc' ò pròp) mefluidide (me' flü' i did) methalpropalin (mèth' àl prò' pà lín) metham (mèth' àm) methazole (mèth' à zòl) metolachlor (mè' tál' à klòr) metribuzin (mè' trì bu' zín) MH molinate (mò' lí nàt) monolinuron (mòn' ò lín' ù ròn) monuron (mòn' ù ròn) 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 <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro=methyl)benzenamine 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-methylethyl)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 (nà' pròp' a mide) naptalam (nàp' tál' à m) neburon (nèb' ù ròn) nutralin (nì' trál' lín) nitrofen (nì' trò fèn) nitrofluorfen (nìtrò flòr' fèn) norea (nò' rē' uh) norflurazon (nòr' flür' à zàn)	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 (ò' rì' zà lín) oxadiazon (ox' a dí' a zon) oxyfluorfen (ox' -i-flòr' fèn)	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 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pàr' à kwát) PBA pebulate (pèb' ù lät) pendimethalin (pèn' -dì-mèth' à lín) perfluidone (pèr' flü' i dòn) phenmedipham (fèn' mèd' i fàm) picloram (pic' lòr' à m) procyazine (prò' sí' à zèn) profluralin (prò' flür' à lín) prometone (prò' mè' tòn) prometryn (prò' mè' trin) pronamide (pròn' à mide) propachlor (prò' pà' clòr) propanil (prò' pà' nìl) propazine (prò' pà' zèn) propham (prò' fàm) prosulfallin (prò' sul' fà lín) prynachlor (prin' à klòr) pyrazon (pì' rà zòn)	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' mè' tèn) siduron (sìd' ù ròn) silvex (sìl' vèks) simazine (sìm' à zèn) simetryn (sìm' 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' ù thì' ù ròn) terbacil (tèr' bà cil) terbuchlor (tèr' byü' klòr) terbuthylazine (tèr' byü' thìl' à zèn) terbutol (tèr' bù' tòl) terbutryn (tèr' bù' trin) tetrafluron (tè-trà' flü-ràn) thiobencarb (thì' ò' bèn' kàrb' ^b) triallate (trì' àl' lät) triclopyr (trì' klò' pìr) trifluralin (trì' flür' à lín) trimeturon (trì' mèt' ù ròn)	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> -[(4-chlorophenyl)methyl] diethylcarbamothioate <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' nó' lät)	<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.