

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acrolein (ă krô' le in)	acrolein
alachlor (ăl â chlôr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ăm' ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ăm' i trôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ăs' ũ lăm)	methyl sulfanylcarbamate
atrazine (ă tră zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (băr' bân)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bên' ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- 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
bentazon (bên' tă zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide (benzamidooxy)acetic acid
benzadox (bên' zuh dôx)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzipram (bên' zi pram)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
benzoylprop	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bifenox (bĩ' fẽ năks)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromacil (brô' mă sil)	3,5-dibromo-4-hydroxybenzoxitrile
bromoxynil (brô môt' ỹ nil)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butachlor (byút' a klôr)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
butam (bjũ' taam)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
buthidazole (byũ thĩd' ă zôl)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butralin (bũ' tră lin)	<i>S</i> -ethyl diisobutylthiocarbamate
butylate (bũ' ti lăt)	
cacodylic acid (că' cô dỹl' ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr ăm' bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr brôm u rôn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rôt' ũ rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr prô' făm)	isopropyl <i>m</i> -chlorocarbanilate
cisanilide (sis ăn' ôlid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyazine (cĩ ăn' á zên)	2-[[4-chloro-6-(ethylamino)-s-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
cyperquat (sí' pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sí' pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' pră zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prô mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl' á pôn)	2,2-dichloropropionic acid
dazomet (dă' zô mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCCA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt ě făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês' mêt trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dĩ ăl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ kăm' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clô bën' il)	2,6-dichlorobenzonitrile
dichlorprop (dĩ' clôr prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dĩ' clô făp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
difenoquat (dĩ' fên zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ' tră mên)	<i>N</i> ⁸ , <i>N</i> ⁸ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĩ' nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ' fên' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prôp' ě trin)	2-ethylthio-4-bis-isopropylamino-s-triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinediium ion
diuron (dĩ' ũ rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên' dô thăl)	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
ethalfluralin (eth al flũr' á lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ' ô lâte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô fyôôm' e săt)	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
fenac (fẽn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fẽn' ũ rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluchloralin (flũ klôr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ô mêt' ũ rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ô dĩ' fẽn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' i dôn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (făs' ă- mên)	(aminocarbonyl)phosphonic acid
glyphosate (glĩ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á floor' âte)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sóprô' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidene

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karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lên' á cil) linuron (lín' ù 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 (mêc' ô pröp) mefluidide (mê' flũ ì díd) methalpropalin (mêth' ãl prö' pã lín) metham (mêth' ãm) methazole (mêth' á zôl) metolachlor (mê' tâl ã klör) metribuzin (mê trî bu' zín) MH molinate (môl' ì nãt) monolinuron (môn' ô lín' ù rôn) monuron (môn' ù rôn) monuronTCA MSMA	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 (nã pröp' a mîde) naptalam (nãp' tâ lãm) neburon (nêb' ù rôn) nitralin (nĩ' trá lín) nitrofen (nĩ' trö fên) nitrofluorfen (nĩtrö flör' fên) norea (nô rê uh) norflurazon (nôr' flür ã zãn)	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 (ô rĩ' zã lín) oxadiazon (ox' a dí' a zon) oxyfluorfen (ox' ì flor fên)	3,5-dinitro- <i>N,N</i> -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 (pãr' á kwãt) PBA pebulate (pêb' ù lát) pendimethalin (pên' dí' mêtth' ã lín) perfluridon (per' flũ ì dôn) phenmedipham (fên mêt' ì fãm) picloram (pic' lôr ãm) procyazine (prö' sí ã zên) profluralin (prö flür' á lín) prometone (prö' mêt' òn) prometryn (prö' mêt' trin) pronamide (prôn' á mîde) propachlor (prö' pã clör) propanil (prö' pá nil) propazine (prö' pá zên) propham (prö' fãm) prosulfalin (prö sul' fá lín) prynachlor (prĩn' á klör) pyrazon (pĩ' rá zôn)	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'-dichloropropionalide 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
secbureton (sek' byũ mêt' tãn) siduron (sid' ù rôn) silvex (sil' vêts) simazine (sim' á zên) simetryn (sim' ê 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 (têb' ù thĩ' ù rôn) terbacil (têr' bá cil) terbuchlor (têr' byũ klör) terbuthylazine (têr' byũ thĩl' á zên) terbutol (têr' bú töl) terbutryn (têr' bú trin) tetrafluron (tê trã' flũ rãn) thiobencarb (thĩ ò bën kãrb) triallate (trĩ ãl lát) triclopyr (trĩ klö' pĩr) trifluralin (trĩ flũr' á lín) trimeturon (trĩ mêt' ù rôn)	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 <i>iris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate (vêr' nô 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 mixture specified and the source of the experimental chemicals given.