

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein	acrolein
alachlor (ăl'ăchlôr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ăm'ĕtrîn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ăm'ĭtrôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ăs'üläm)	methyl sulfanilycarbamate
atrazine (ăt'räzēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bär'bän)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bĕn'ĕfĭn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bĕn'sül'īd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptopethyl)benzenesulfonamide
bentazon (bĕn'ăzōn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide (benzamidoxyacetic acid)
benzadox (bĕn'zuhdôx)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzipram (bĕn'zîpräm)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>D,L</i> -alanine
benzoylprop	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bifenox (bif'fēnäks)	5-bromo-3-sec-butyl-6-methyluracil
bromacil (brô'mäsil)	3,5-dibromo-4-hydroxybenzonitrile
bromoxynil (brô'möks'ënil)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butachlor (byüt'ăklôr)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylimethyl)propanamide
butam (bjüt'ătam)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
buthidazole (byü'thîd'ăzôl)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butralin (bür'ătlîn)	<i>S</i> -ethyl diisobutylthiocarbamate
butylate (bür'ătlät)	hydroxydimethylarsine oxide
cacodylic acid (că'kôdîl'ik)	(phenylimino)di-2,1-ethandiy bis(3,6-dichloro-2-methoxybenzoate)
cambendichlor (käm'bën-dîklôr)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
carbetamide (cär'bët'ămîdë)	<i>N,N</i> -diallyl-2-chloroacetamide
CDAA	2-chloroallyl diethylthiocarbamate
CDEC	3-amino-2,5-dichlorobenzoic acid
chloramben (klôr'äm' bĕn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chlorbromuron (klôr'brôm'üron)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chloroxuron (klôr'rök'üron)	isopropyl <i>m</i> -chlorocarbanilate
chlorpropham (klôr prôf'äm)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
cisanilide (sîs'än'ëlid)	calcium methanearsonate
CMA	2-[[(4-chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile
cyanazine (cî'än'ëzën)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycloate (s'ëclô'ät)	3-cyclooctyl-1,1-dimethylurea
cycluron (s'ëklü'ron)	1-methyl-4-phenylpyridinium
cyperquat (s'ëp'är kwat')	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazine (s'ëpräzëen')	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cyprazole (s'ëpräzôl)	3',4'-dichlorocyclopropane carboxanilide
cyproxmid (s'ëprômid)	2,2-dichloropropionic acid
dalapon (däl'ăpôñ)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
dazomet (däz'öz'mët)	dimethyl tetrachloroterephthalate
DCPA	ethyl <i>m</i> -hydroxycarbanilate (ester)
desmedipham (dëz' med'ëfäm)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
desmetryn (dës' mëtrîn)	<i>S</i> -[2,3-dichloro-1] diisopropylthiocarbamate
diallate (dîl'äl'lät)	3,6-dichloro- ω -anisic acid
dicamba (dîkäm'ëbä)	2,6-dichlorobenzonitrile
dichlobenil (dîl'clôbĕn'ël)	2-(2,4-dichlorophenoxy)propionic acid
dichlorprop (dîl'clôrprôp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diclofop (dîl'clôfôp)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
diethylatyl (di-éth'ë-tîl)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
difenzoquat (dîf'ĕn'zôkwät')	<i>N,N</i> ⁴ , ^{4'} -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinitramine (dîn'ëmîn)	2-sec-butyl-4,6-dinitrophenol
dinoseb (dîs' nôsëb)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
diphenamid (dîfĕn'ëmîd)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diprotrypet (dîp'ĕtrôp'ët)	6,7-dihydrodipyrido[1,2- α :2',1'- β]pyrazinediium ion
diquat (dîk'wät')	3-(3,4-dichlorophenyl)-1,1-dimethylurea
diuron (dîr'üron)	4,6-dinitro- ω -cresol
DNOC	disodium methanearsonate
DSMA	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
endothall (ënd'ôthâl)	<i>S</i> -ethyl dipropylthiocarbamate
EPTC	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
erbon (ûr'bon)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethylfluralin (eth'ëflürl'ëlin)	<i>S</i> -ethyl diethylthiocarbamate
ethiolate (e thîl'ëtâtë)	(+)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
ethofumesate (eth'ëf'yoom'ësät)	(2,3,6-trichlorophenyl)acetic acid
fenac (fëñ'ëc)	1,1-dimethyl-3-phenylurea
fenuron (fëñ'ü rön)	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fenuron-TCA	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>D,L</i> -alanine
flamprop	<i>N</i> -(2-chloroethyl)-2,6-dinitro- α -propyl-4-(trifluoromethyl)aniline
fluchloralin (flüklôr'ëlin)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluometuron (flü'ômët'üron)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluorodifen (flü'ôdîfëñ)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (fôs'ëmën)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glif'fôsät)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hëx'ăflôr'ëtët)	potassium hexafluoroarsenate
hexazinone (hek'sëze-nôn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i> -dione
ioxynil (ëök'ëñil)	4-hydroxy-3,5-diiodobenzonitrile

Common Name or Designation

Chemical Name

karbutilate (kar byüt' lät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lēn' dĕ cil)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lin' ū rōn)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MCPA	[(<i>4</i> -chloro- <i>o</i> -tolyl)oxy]acetic acid
MCPB	4-[(<i>4</i> -chloro- <i>o</i> -tolyl)oxy] butyric acid
mecoprop (mēc' ō prōp)	2-[(<i>4</i> -chloro- <i>o</i> -tolyl)oxy] propionic acid
mefluidide (me' flū' i dīd)	<i>N</i> -(2,4-dimethyl-5-[(trifluoromethyl)sulfonyl] amino) phenyl acetamide
methalpropalin (měth' āl prōp' pā līn)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (měth' ām)	sodium methylthiocarbamate
methazole (měth' ā zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mē' täl ā klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mē' trī bū' zīn)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridinedione
molinate (mō' lī nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mōn' ū līn' ū rōn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nă prōp' a mīdē)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (năp' tă lām)	<i>N</i> -1-naphthylphthalamic acid
neburon (nēb' ū rōn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nī' trā līn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nī' trō fēn)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nītrō flōr' fēn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō' rē uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr' flūr' ū zān)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ōrī' ză līn)	3,5-dinitro- <i>N⁴,N⁴</i> -dipropylsulfanilamide
oxadiazon (ox' a dī' a zōn)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' i flor fēn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pār' ū kwāt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pēb' ū lāt)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pēn' dī měth' ū līn)	<i>N</i> (1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flū i dōn)	1,1,1-trifluoro- <i>N</i> -(2-methyl-4-(phenylsulfonyl)phenyl)methanesulfonamide
phenmedipham (fēn' mēd' i fām)	methyl <i>m</i> -hydroxycarbonilate <i>m</i> -methylcarbonilate
picloram (pic' lōr' ām)	4-amino-3,5,6-trichloropicolinic acid
procyzazine (prō' sī ū zēn)	2-[<i>4</i> -chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile
profluralin (prō' flūr' ū līn)	<i>N</i> (cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prō' mē tōn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prō' mē trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prōn' ū mīdē)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prō' pā klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prō' pā nīl)	3',4'-dichloropropionalide
propazine (prō' pā zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prō' fam)	isopropyl carbonilate
prosulfalin (prō' sul' ū līn)	<i>N</i> -[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prīn' ū klōr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pi' ū zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byū mē' tān)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sīd' ū rōn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sīl' vēks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' ū zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' ū trīn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tēb' ū thī' ū rōn)	<i>N</i> -(5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl)- <i>N,N'</i> -dimethylurea
terbacil (tēr' bā cil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tēr' byū klōr)	<i>N</i> (butoxymethyl)-2-chloro- <i>N</i> -(2-(1,1-dimethylethyl)-6-methylphenyl)acetamide
terbutylazine (ter' byū thīl ū zēn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tēr' bū tōl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryl (tēr' bū trīn)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (tētārō' flū rān)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl] urea
thiobencarb (thī ū bēn' kārb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate (trī' āl lāt)	<i>S</i> -(2,3,3-trichlorallyl)dipropylthiocarbamate
triclopyr (trī' klō' pir)	[3(5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trī' flūr' ū līn)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī' mēt' ū rōn)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudoourea
2,3,6-TBA ^b	2,3,6-trichlorobenzoic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DEP	<i>tris</i> [(2-(2,4-dichlorophenoxy)ethyl) phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vēr' nō lāt)	<i>S</i> -propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 1(1-4), 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.