

Common and Chemical Names of Herbicides*

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 ě 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 ũ lám)	methyl sulfanilylcarbamate
atrazine (á trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bár bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bén ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bén súl id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bén tá zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide
benzadox (bén zuh dôx)	(benzamidooxy)acetic acid
benzipram (bén zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
bifenox (bí fē nāks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô môx 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 zöl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bü trá lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bü tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá cõ dýl íc)	hydroxydimethylarsine oxide
carbetamide (cár bêt á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klór ám bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór bróm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klõ rôx ũ rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clõr prõ fām)	isopropyl <i>m</i> -chlorocarbanilate
cisnailide (sis án ə lîd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ án á zên)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy clõ át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy klü rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (si pār kwät)	1-methyl-4-phenylpyridinium
cyprazine (si prā zēen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (si prā 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 (däl á pôn)	2,2-dichloropropionic acid
dazomet (dä zõ mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt ě fām)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês mē trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dí ál lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí kām bā)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí clõ bēn' il)	2,6-dichlorobenzonitrile
dichlorprop (dí clõr prõp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dí fen zõ kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí nĩ trá mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí nõ sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí fēn á mid)	<i>N,N</i> -dimethyl-2,2-dipheylacetamide
dipropetryn (dí prop ě trin)	2-ethylthio-4-6-bis-isopropylamino- <i>s</i> -triazine
diquat (dí kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinediium ion
diuron (dí ũ rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn' dô thāl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ēr bõn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flūr á lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ ò lāte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fēn' äc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn' ũ rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klõr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ò mē ũ rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ò dí fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ fõ sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hēx' á flõor' äte)	potassium hexafluoroarsenate
ioxynil (ĩ õx' ý nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ sõprõ' pa lĩn)	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 (lën' ä c'il)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lín' ù rôn)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MCPA	[(4-chloro- <i>o</i> -tolyl)oxy] acetic acid
MCPB	4-[(4-chloro- <i>o</i> -tolyl)oxy] butyric acid
mecoprop (méc' ô pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy] propionic acid
mefluidide (me' flü i' did)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
metham (mèth' äm)	sodium methylthiocarbamate
methazole (mèth' ä zöl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metribuzin (mè trī bu' zīn)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazine-5(4 <i>H</i>)one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mó' lí nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (môn' ô lín' ù rôn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (môn' ù rôn)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nä pröp' a mīde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (näp' täl äm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nëb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nī' träl līn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nī' trô fën)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nītrô flôr' fën)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô rë' uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flür ä zän)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rī' zäl līn)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' ä di' ä zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' ÿ-flôr-fën)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pär' ä kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pëb' ù lät)	<i>S</i> -propyl butylethylthiocarbamate
penoxalin (pen' äks ə līn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flü i' dön)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fën mēd' i fäm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lör äm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sī ə zën)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô' flür ä līn)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prô' mē tōn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mē trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' ä mīde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pä clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pä nil)	3',4'-dichloropropionanilide
propazine (prô' pä zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fäm)	isopropyl carbanilate
prosulfalin (prô' sul' fa līn)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prīn' ä klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pī' rä zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü mē' tăn)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sid' ù rôn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sil' vëks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sīm' ä zën)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' è trīn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tëb' ù thī' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tër bäl cīl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuthylazine (ter byü thīl ä zën)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tër' bù töl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tër' bù trīn)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
triallate (trī ä lät)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trī' klô pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (trī flūr' ä līn)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī mēt' ù rôn)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
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	tris[2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vër' nô 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.