

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ă krô' le in)	acrolein
alachlor (ăă á chlôr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ăm' ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ăm' i trôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ăs' ũ lâm)	methyl sulfanylcarbamate
atrazine (ă tră zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (băr' bân)	4-chloro-2-butynyl <i>m</i> -chlorocarbonilate
benefin (bên' ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,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
benzadox (bên' zuh dôx)	(benzamidooxy)acetic acid
benzipram (bên' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzoylprop	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (bĩ' fê năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô mỗx' ỹ nĩl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byut' a klôr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjũ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byũ thĩd' á zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bũ' tră lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine
butylate (bũ' ti lât)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cô dỹl' ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt' á mide)	<i>D,N</i> -ethyl lactamide carbonilate (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 ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rỗx' ũ rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr prô' făm)	isopropyl <i>m</i> -chlorocarbonilate
cisanilide (sis ăn' ă lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinedicarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ ăn' á zên)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clô ăt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sĩ' pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sĩ' pră zên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sĩ' pră zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prô mĩd)	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
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt ê făm)	ethyl <i>m</i> -hydroxycarbonilate carbonilate (ester)
desmetryn (dês' mêt trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dĩ' ăl lât)	5-(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 fáp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (di-eth'e-til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dĩ' fen zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ tră mên)	<i>N</i> ⁺ , <i>N</i> ⁺ -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 mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prôp' ê trin)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinedium 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 thâl)	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
ethalfuralin (eth al flũr' á lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzamine
ethiolate (e thĩ' ô lâte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô fyôôm' e săt)	(\pm)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fên' ăc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' 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' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' i đôn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (făs' -ă mên)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glĩ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á floor' ăt)	potassium hexafluoroarsenate
hexazinone (hek-sá-ze-nôn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
ioxynil (i ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (i sôp' rô ăp' ă lĩn)	2,6-dinitro- <i>N</i> -diisopropylamide

Common Name or Designation

Chemical Name

karbutilate (kar byút' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lén' á cíl)	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 prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me 'flú i' díd)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropalin (mêth' ãl prô' pá lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mêth' ãm)	sodium methylthiocarbamate
methazole (mêth' à zôl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mê' tâl à klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mê' trî bu' zín)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>s</i> -triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mô' lí nãt)	<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 (nã' prôp' a mîde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tâ lâm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nêb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nî' trá lín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nî' trô fên)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nîtrô flôr' fên)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô rê uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flûr à zãn)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rî' zã lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' a dí' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' í flôr fên)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pãr' à kwãt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pêb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pên' dí mêt' a lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfludone (per' flûr' á dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fên mêt' í fãm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr ãm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sí a zên)	2-[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô' flûr' á lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prô' mêt' tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mêt' trin)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' à mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide
propachlor (prô' pã' clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pá nil)	3',4'-dichloropropionalide
propazine (prô' pá zên)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fãm)	isopropyl carbanilate
prosulfalin (prô sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' à klôr)	2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide
pyrazon (pî' zã zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sechumeton (sek' byú me' tãn)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> -(1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (síd' ù rôn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (síl veks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sím' à zên)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sím' ê trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (têb' ù thî' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (têr bã cíl)	3- <i>tert</i> -butyl-5-chloro-6-methyluraçil
terbuthlor (têr' byu klôr)	<i>N</i> -(butoxy methyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (têr' byu thîl' à zên)	2-(<i>tert</i> -butylamino)-4-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]- <i>s</i> -triazine
terbutol (têr' bú tol)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (têr' bú trin)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (tê' trã' flûr rãn)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thi o bën carb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
trallate (trí ãl lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trî' klô pir)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trî flûr' á lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trî mêt' 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	<i>max</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(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), 1986 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.