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Kalamazoo, Michigan

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Houston, Texas

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acrolein (ă krô' le ñn)	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' ĩ trôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ăs' ù lăm)	methyl sulfanilylcarbamate
atrazine (ă' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (băr' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbamilate
benefin (bên' ě fìn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sũl ïd)	<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
bifenox (bĩ' fẽ năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sũl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' môt' ý ñĩl)	3,5-dibromo-4-hydroxybenzoxirile
butachlor (byút' 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' trá lĩn)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bũ' ti lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cadodylic acid (că' cô dỹl' ĩc)	hydroxydimethylarsine oxide
carbetamide (căr' bêt' á mĩde)	<i>D,N</i> -ethylactamite carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr' âm' bẽn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô' rôt' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' fãm)	isopropyl <i>m</i> -chlorocarbamilate
cisanilide (sĩs' ân' ă lĩd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ' ân' 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 zēen)	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' 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 (děz' mēd ě fãm)	ethyl <i>m</i> -hydroxycarbamilate carbanilate (ester)
desmetryn (dēs' mē trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dĩ' ă lăt)	5-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kă'm' bă)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clô' bẽn' ĩl)	2,6-dichlorobenzonitrile
dichlorprop (dĩ' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dĩ' clô' fôp)	2-(4-(2,4-dichlorophenoxy)phenoxy)propanoic acid
difenzoquat (dĩ' fen zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' ñĩ' trá mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĩ' nô' sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ' fēn' á mĩd)	<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-dihydrodiprido[1,2- α :2',1'-c] pyrazinedium ion
diuron (dĩ' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn' 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 lăte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô fyôôm' e săt)	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
fenac (fēn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ' klôr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ' ô mēt' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>n</i> -tolyl)urea
fluorodifen (flũ' ô dĩ' fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' ĩ dôn)	1-methyl-3-phenyl-5-[3-trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glĩ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hēx' á floor' ăte)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ý ñĩl)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sôprô' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name
karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lěň' á cǐl) 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	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 (mēc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flū' i díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethylsulfonyl]amino]phenyl]acetamide
methalproalin (měth' ál prô' pá lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (měth' ám)	sodium methylthiocarbamate
methazole (měth' á zól)	2-(3,4-dichlorophenyl-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mět' tal ə klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylthio)acetamide
metribuzin (mět' trí bu' zín)	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-pyridazinione
molinate (mō' lí nât)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mōn' ô lín' ù rôn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mōn' 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 (nă prôp' a mǐde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (năp' tá lām)	<i>N</i> -1-naphthylphthalamic acid
neburon (něb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (ní' trá lín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (ní' trô fěn)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrô flôr' fěn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô rē uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flūr ə zân)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rǐ' ză lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' á dí' a zôn)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' i flor fěn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pâr' á kwât)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pěb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pěň' dí' mět' ə lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flū' i dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fěn mēd' i fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr' ám)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sí' ə zēň)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô flūr' á lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prô' mět' tón)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mět' trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' á mǐde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pá' clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pá' nil)	3',4'-dichloropropionalide
propazine (prô' pá' zēň)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fām)	isopropyl carbanilate
prosulfalin (prô sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' á klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pǐ' rá zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byū me' tăn)	<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 (sil' věks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sím' á zēň)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sím' ě trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tēb' ù thǐ' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tēr bā cǐl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tār' byū klôr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbutylazine (tēr byū thǐl' á zēň)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tēr' bu tōl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tēr' bū trín)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te trā' flū răn)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thi' o bēň kār b)	<i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate
triallate (trǐ' áll' lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
tricyopyr (trǐ' klô pǐr)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trǐ flūr' á lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trǐ 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	<i>iris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (věr' 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 in the mixture specified and the source of the experimental chemicals given.