

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acrolein (á krō le in)	acrolein
alachlor (ál á chlōr)	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' ě trōl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ás' ũ lám)	methyl sulfanylocarbamate
atrazine (á' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bār' bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (běn' ě fín)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn' sŭl' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (běn' tá zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide
benzadox (běn' zuh dōx)	(benzamidooxy)acetic acid
benzipram (běn' 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 (brō' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brō mōx' ũ nil)	3,5-dibromo-4-hydroxybenzoxynitrile
butachlor (byūt' a klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bŭ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byū thid' á zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bŭ' trā lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bŭ' ti lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá' cō dŭl' ic)	hydroxydimethylarsine oxide
carbetamide (cār bēt' á mide)	<i>D,N</i> -ethylacetamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klōr' ám' běn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klōr' brōm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klō rōx' ũ ron)	3-[<i>p</i> -chlorophenoxy]phenyl]-1,1-dimethylurea
chlorpropham (clōr prō' fām)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sis' án' əlid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cī' án' á zên)	2-[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clō át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klŭ rōn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pār kwát)	1-methyl-4-phenylpyridinium
cyprazine (sí' prā zēen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sí' prā zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prō mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dāl' á pōn)	2,2-dichloropropionic acid
dazomet (dā' zō mēt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dēz' mēd ě fām)	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
desmetryn (dēs' mē trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dí' ál lát)	5-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí' kām' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clō běn' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clōr prōp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dí' clō fāp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
difenzoquat (dí' fēn zō kwát)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' nī' trá mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nō sēb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fēn' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí' prop' ě trīn)	2-ethylthio-4-bis-isopropylamino- <i>s</i> -triazine
diquat (dí' kwát)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinediium ion
diuron (dí' ũ rōn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ēn' dō thāl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ūr' bōn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flūr' á līn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thī' ó láte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ó fyōōm' e sāt)	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
fenac (fēn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fēn' ũ rōn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flŭ klōr' a līn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flŭ ō mēt' ũ rōn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flŭ ō dí' fēn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flŭr' í dōn)	1-methyl-3-phenyl-5-[3-trifluoromethyl]phenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glī' fō sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hēx' á floor' áte)	potassium hexafluoroarsenate
ioxynil (í' ōx' ũ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í' sōprō' pa līn)	2,6-dinitro- <i>N</i> -dipropylcumidine

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karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lën' 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 (mëc' ô pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (më' flü' í díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropalin (mëth' ál prö' pá lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mëth' äm)	sodium methylthiocarbamate
methazole (mëth' ä zöl)	2-(3,4-dichlorophenyl-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (më' täl ä klör)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (më' trí bú' 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-pyridazinedione
molinate (mõ' lí nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mõn' ô lín' ù rôn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mõn' 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' tá lām)	<i>N</i> -1-naphthylphthalamic acid
neburon (nëb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nī' trá lín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nī' tró fën)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nītró flör' fën)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nõ' rē uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nór' flür ä zän)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (õ' rī' zä lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' á 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 flor fën)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pär' á kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pëb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pën' dí mëth' ä lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (për' flü' í dön)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fën mëd' í fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lör äm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prö' sí ä zën)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prö' flür' á lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prö' më tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prö' më trin)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prón' ä mīde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide
propachlor (prö' pö clör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prö' pá nil)	3',4'-dichloropropionalide
propazine (prö' pá zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prö' fām)	isopropyl carbanilate
prosulfalin (prö' sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prin' ä klör)	2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide
pyrazon (pī' rá zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sebumeton (sek' byü' me' tån)	<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' vëks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' ä zën)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' ë trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tëb' ü thī' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tër' bá cíl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tär' byü' klör)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbutylazine (tër' byü' thül ä zën)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tër' bú' töl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tër' bú' trin)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (të' trä' flü' rån)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thi' ö bën' kårb)	<i>S</i> -[[4-(chlorophenyl)methyl]diethylcarbamothioate
triallate (trí' äll' lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trí' klö' pí'r)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trí' flür' á lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trí' më't' 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>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vër' nõ' 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.