

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

Common Name or Designation	Chemical Name
acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (á krô' le ñn)	acrolein
alachlor (ál à chlôr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám' ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám' ě trôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanylcarbamate
atrazine (á' trá zĕn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bār' bân)	4-chloro-2-butynyl <i>m</i> -chlorocarbamilate
benefin (běn' ě fĭn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn' sùl ĭd)	<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 dôx)	(benzamidooxy)acetic acid
benzipram (běn' 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 (bí' fĕ năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' mōx' ý ñil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byüt' á klôr)	<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' zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bü' tră lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine
butylate (bü' tí lâť)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cō dýl' ic)	hydroxydimethylarsine oxide
cambendichlor (kăm' ben-dĭ-klôr)	(phenylimino)di-2, 1-ethandiyl bis(3,6-dichloro-2-methoxybenzoate)
carbetamide (căr' bĕť á mide)	<i>D-N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr' âm' bĕn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô' rôx' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' făm)	isopropyl <i>m</i> -chlorocarbamilate
cisanilide (sis' ân' əlid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĭ' ân' á zĕn)	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' klü rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pār kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sí' pră zĕn)	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
cypramid (sy' prô mĭd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl' á pôn)	2,2-dichloropropionic acid
dazomet (dă' zô mĕť)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCCA	dimethyl tetrachloroterephthalate
desmedipham (děz' mĕď ě făm)	ethyl <i>m</i> -hydroxycarbamilate carbanilate (ester)
desmetryn (děs' mĕ trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dĭ' ál lâť)	5-(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dĭ' kăm' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĭ' clô bĕn' ĭl)	2,6-dichlorobenzonitrile
dichlorprop (dĭ' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dĭ' clô fâp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethyl (di eth' e til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (dĭ' fen ô' pĕn ten)	4-[4-(4-(trifluoromethyl)phenoxy) phenoxy]-2-pentenoic
difenzoquat (dĭ' fen zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĭ' nĭ' trá mĕn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĭ' nô sĕb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĭ' fĕn' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĭ' prôp' ě trĭn)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diquat (dĭ' kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinedium ion
diuron (dĭ' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ĕn' dô thăl)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ĕr' bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfuralin (eth al flûr' á lĭn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzamine
ethiolate (e thĭ' ô lâťe)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô fyôom' e sât)	(\pm)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fĕn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fĕn' ù 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 (flû' klôr' a lĭn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flû' ô mĕť' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flû' ô dĭ' fĕn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flûr' ĭ dôn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (făs' -ă mĕn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glĭ' fô sât)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hĕx' á flûr' áťe)	potassium hexafluoroarsenate
hexazinone (hĕk-să-ze-non)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
ioxynil (ĭ' ôx' ý ñil)	4-hydroxy-3,5-diiodobenzonitrile

karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lën' á cil)	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 (me' flü' ï díd)	<i>N</i> -[2,4-dimethyl-5-[[[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methylpropalin (mëth' ä' l' prö' pä' 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 (me' täl' ä klör)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (më' 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-pyridazinedione
molinate (mör' lí' nât)	<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' mîde)	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 (nít' trá' lín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nít' trö' fën)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrö' flör' fën)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nó' 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 (ör' rí' zä' lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' á' dí' a' zón)	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 (per' flü' ï' dôn)	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' ä' lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prö' më' tön)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prö' më' trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' ä' mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prö' pá' clör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prö' pá' nil)	3',4'-dichloropropionanilide
propazine (prö' pá' zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prö' fām)	isopropyl carbanilate
prosulfalin (prö' sul' fä' lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' ä' klör)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pí' zá' 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' trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tëb' ù' thír' ù' rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tër' bá' cil)	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
terbuthylazine (tër' byü' thíl' ä' zën)	2(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tër' bü' töl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tër' bü' trín)	2(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (të' trä' flü' rän)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thí' ö' bën' kärb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate (trí' ä' lät)	<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' ä' 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
xylachlor (zí' lä' klör)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N'</i> -(1-methylethyl)acetamide
vernolate (vër' nō' lát)	<i>S</i> -propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listing, including those 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 mixture specified and the source of the experimental chemicals given.