

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acrolein (ă krô' le in)	acrolein
alachlor (ăl á chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (âm' ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (âm' i trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ù lăm)	methyl sulfanilylcarbamate
atrazine (ă' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (băr' bân)	4-chloro-2-butynyl <i>m</i> -chlorocarbaniolate
benefin (bên' ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- 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
bifenox (bĩ' fê nâks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' môx' ý nil)	3,5-dibromo-4-hydroxybenzonitrile
butachlor (byũ' a klôr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bũ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byũ' thĩd' ă' 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-dinitrobenzenamine
butylate (bũ' ti lâ't)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cô dỹl' ic)	hydroxydimethylarsine oxide
carbetamide (căr' bêt' á mide)	<i>D,N</i> -ethylactamide carbaniolate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klôr' âm' bën)	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> -chlorophenoxy]phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' fâm)	isopropyl <i>m</i> -chlorocarbaniolate
cisnilide (sis' ân' ãlid)	<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)- <i>s</i> -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' pâr kwât)	1-methyl-4-phenylpyridinium
cyprazine (sí' pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -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 (dêz' mêt' ê fâm)	ethyl <i>m</i> -hydroxycarbaniolate carbaniolate (ester)
desmetryn (dês' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' ãl lâ't)	5-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kãm' bả)	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
difenzoquat (dĩ' fen zô kwât)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ' trá mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -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-bis-isopropylamino- <i>s</i> -triazine
diquat (dĩ' kwât)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinedium ion
Dithiuron (dĩ' thĩ' vũ răn)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
diuron (dĩ' ù 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
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' ó lâ'te)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ó fyôôm' e sât)	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
fenac (fên' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ' klôr' á lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ' ô mêt' ù 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 dôn)	1-methyl-3-phenyl-5-[3-trifluoromethyl]phenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glĩ' fô sât)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á flũr' â'te)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ý nil)	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' lät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lën' á cùl)	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' í díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide
methylpropalin (mëth' äi 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>s</i> -triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridazinedione
molinare (mõ' lí nät)	<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 (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 míde)	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 (nĩ' trá lín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nĩ' trö fën)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrö flör' fën)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nõ rë uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nör' flür ä zän)	4-chloro-5-(methylamino)-2-(α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (õ rĩ' zä 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 flor 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
pendimethalin (pën' dí mëth' ä lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' 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' ä lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (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 míde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide
propachlor (prö' pä clör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prö' pä nil)	3',4'-dichloropropionalide
propazine (prö' pä 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 (prín' ä klör)	2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide
pyrazon (pĩ' rä zön)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü me' tån)	<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 (síl vëks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sím' ä zën)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sím' ë trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tëb' ù thĩ' 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 (tar' byü klör)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (ter byü thĩl 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 (te trä' flü rån)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thi' o bën kårb)	<i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate
triallate (trĩ äi lät)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
tricyopyr (trĩ' klö pir)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trĩ flür' ä lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trĩ më' 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 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.