

Common and Chemical Names of Herbicides⁴

Common Name or Designation	Chemical Name
acrolein (á krô' le ïn)	acrolein
alachlor (ál á chlôr)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám' ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám' ĩ trôl)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanylcarbamate
atrazine (á' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bâr' bân)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bên' ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sül' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên' tá 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 (bí' fê náks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' môx' ÿ nil)	3,5-dibromo-4-hydroxybenzonitrile
butachlor (byüt' a 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' thíd' á' zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bü' trá lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bü' tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá' cõ dýl' ic)	hydroxydimethylarsine oxide
carbetamide (câr' bêt' á' mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr' ám' 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> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chloropham (clôr' prô' fám)	isopropyl <i>m</i> -chlorocarbanilate
cisnildide (sís' án' ã' lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cí' án' 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' klü' rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pâr' kwät)	1-methyl-4-phenylpyridinium
cyprazine (sí' prá zêen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prá zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prô' mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dál' á' pôn)	2,2-dichloropropionic acid
dazomet (dã' zô' mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt' ě fám)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí' ál' lát)	5-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí' kám' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clô' bën' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dí' clô' fâp)	2-[4-(2,4-dichlorophenoxy)phenoxy]propanoic acid
difenzoquat (dí' fên' zô' kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' nít' trá' mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nô' sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fên' á' míd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí' prôp' ě' trin)	2-ethylthio-4-bis-isopropylamino-s-triazine
diquat (dí' kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- c]pyrazinediium ion
diuron (dí' 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 (ür' bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfuralin (eth al flür' á' lín)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thí' ô' lâte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô' 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 (flü' klôr' á' lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flü' ô' mêt' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flü' ô' dí' fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flür' í' dôn)	1-methyl-3-phenyl-5-[3-trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
glyphosate (glí' fô' sât)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á' floor' äte)	potassium hexafluoroarsenate
ioxynil (í' ôx' ÿ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í' sóprô' pa lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation

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karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lě'n á cìl)	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 (mēc' ô pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flü' ì díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropalin (mèth' àl prō' pã lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mèth' àm)	sodium methylthiocarbamate
methazole (mèth' à zòl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mè' tàl ə klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mè' trī 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 (mō' lí nāt)	<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
nappropamide (nã' pröp' a mīde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tá lã'm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nēb' 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' trō fēn)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nītrō flōr' fēn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nō rē uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr' flūr ə zã'n)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō rī' zã lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' á dī' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' ì flor fēn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pãr' á kwãt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pēb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pēn' dī mēth' ə lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pēr' flü' ì dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fēn mēd' ì fãm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr à'm)	4-amino-3,5,6-trichloropicolinic acid
procyzazine (prō' sí ə zēn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prō flūr' á lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prō' mē tōn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prō' mē trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prōn' ə mīde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide
propachlor (prō' pã' clōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prō' pá nil)	3',4'-dichloropropionalide
propazine (prō' pá zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prō' fãm)	isopropyl carbanilate
prosulfallin (prō sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' ə klōr)	2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide
pyrazon (pī' zá zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sebumeton (sek' byū me' tã'n)	<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' vēks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sím' á zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sím' ē trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tēb' ù thī' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tēr' bá cìl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (tãr' byū klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (tēr' byū thīl' ə zēn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tēr' bú tōl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tēr' bú trín)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te' trã' flü rã'n)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thī' o bēn kãrb)	<i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate
triallate (trī' àl lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trī' klō pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trī flūr' á lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī 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>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vēr' nō 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.