

# Common and Chemical Names of Herbicides<sup>a</sup>

Common Name or Designation	Chemical Name
acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
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 sulfanylcarbamate
atrazine (á' trá zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bār' bǎn)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (běn' ě fín)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn' sŭl ĩd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (běn' tá zōn)	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 prám)	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 (bĭ' fē nǎks)	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-hydroxybenzoxitrile
butachlor (byūt' a klōr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjū' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byū' thĭd' a' zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bū' trǎ lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bū' tĭ lǎt)	<i>S</i> -ethyl diisobutylthiocarbamate
cadodylic acid (cǎ' cō dŷĭ' ĩc)	hydroxydimethylarsine oxide
carbetamide (cār bĕt' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<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 rōn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klō' rōx' ũ rōn)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clōr' prō' fām)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sĭs' án' á lid)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĭ' án' á zēn)	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 (sĭ' pǎr kwát)	1-methyl-4-phenylpyridinium
cyprazine (sĭ' prǎ zēēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sĭ' prǎ zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypramid (sy' prō mĭd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dāl' á pōn)	2,2-dichloropropionic acid
dazomet (dǎ' zō mĕt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (děz' mĕd ě fām)	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
desmetryn (děs' mĕ trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĭ' ál lǎt)	5-(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dĭ' kám' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĭ' clō běn' ĩl)	2,6-dichlorobenzonitrile
dichlorprop (dĭ' clōr prōp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dĭ' clō fǎp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethyl (di-eth'-ē-til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dĭ' fēn zō kwát)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĭ' nĭ trá mĕn)	<i>N</i> <sup>4</sup> , <i>N</i> <sup>3</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĭ' nō sĕb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĭ' fēn' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĭ' prōp' ě trin)	2-(ethylthio)-4,6-bis (isopropylamino)- <i>s</i> -triazine
diquat (dĭ' kwát)	6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- $\epsilon$ ] pyrazinedium ion
diuron (dĭ' ũ rōn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ĕn' dō thǎl)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ēr' bōn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth' al flūr' á lĭn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĭ' ó lǎte)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ó fyōōm' e sāt)	( $\pm$ )-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fĕn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fĕn' ũ rōn)	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 (flŭ' klōr' a lĭn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flŭ' ó mĕt' ũ rōn)	1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flŭ' ó dĭ' fĕn)	<i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flŭr' ĩ dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i> )-pyridinone
fosamine (fās' -ǎ mĕn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glĭ' fō sǎt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hĕx' á floor' áte)	potassium hexafluoroarsenate
hexazinone (hĕk' zá-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' ōx' ũ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĭ' sōprō' pa lĭn)	2,6-dinitro- <i>N,N</i> -dipropylcumidide

## Common Name or Designation

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karbutilate (kar byut' lát)	<i>tert</i> -butylcarbamic acid ester with 3( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lèn' 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 (mèc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flú' í did)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methylpropalin (mèth' àl prô' pà 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 zôl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (me' tál' à klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mè' 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 (mô' 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 (nã' prôp' a mîde)	2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tá lám)	<i>N</i> -1-naphthylphthalamic acid
neburon (nèb' 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 fèn)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrô flôr' fèn)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô rê uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flür' à zãn)	4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone
oryzalin (ô ní' zã lín)	3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfanilamide
oxadiazon (ox' a dí' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' í flôr' fèn)	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 (pèb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pèn' dí mèth' à lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flú' í dôn)	1,1,1-trifluoro- <i>N</i> -(2-methyl-4-(phenylsulfonyl)phenyl)methanesulfonamide
phenmedipham (fèn mèd' í fãm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr' àm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sí' à zèp)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô' flúr' à lín)	<i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prô' mè tòn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mè trin)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' à mîde)	3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pã' clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pã' nil)	3',4'-dichloropropionalide
propazine (prô' pã' zèn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fãm)	isopropyl carbanilate
prosfalalin (prô' sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prin' à klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pí' rá zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone
secbumeton (sek' byú' me' tãn)	<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' vèks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' á zèn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' è trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tèb' ù thír' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tèr' bá cìl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terburchlor (tèr' byú' klôr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbutylazine (ter' byú' thíl' à zèn)	2-( <i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tèr' bú' tól)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tèr' bú' trin)	2-( <i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te' tra' flú' rãn)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thí' o bèn' kãr)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate (trí' àl' lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trí' klô' pí'r)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trí' flúr' à lín)	$\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trí' mèt' ù rôn)	1-( <i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA <sup>b</sup>	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 (vèr' nó' lát)	<i>S</i> -propyl dipropylthiocarbamate

<sup>a</sup>Herbicides 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.

<sup>b</sup>This 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.