

# 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 krô' le ín)	acrolein
alachlor (ăl á 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' ũ lăm)	methyl sulfanylcarbamate
atrazine (ă' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (băr' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (bên' ě fîn)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sũl ĩd)	<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' zũh dõx)	(benzamidooxy)acetic acid
benzipram (bên' zi prãm)	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 (bĩ' fẽ năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' mã sũl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô mõx' ã nĩl)	3,5-dibromo-4-hydroxybenzoxitrile
butochlor (byũt' a klôr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjũ' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthiazole (byũ thĩđ' á zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bũ' trá lĩn)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bũ' tí lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cõ đỹl' ĩc)	hydroxydimethylarsine oxide
cambendichlor (kămb' ben-đĩ-klôr)	(phenylimino)di-2,1-ethandiyl bis(3,6-dichloro-2-methoxybenzoate)
carbetamide (căr bêt' á mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klôr' âm' bẽn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rõx' ũ rôn)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' fãm)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sĩs' ân' əlĩd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cũ' ăn' 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' klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sĩ' pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sĩ' pră zên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sĩ' 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 mết)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (đẽz' mẽđ ě fãm)	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
desmetryn (đẽs' mẽ trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (đĩ' əl lăt)	5-(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (đĩ' kămb' bắ)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (đĩ' clô bẽn' ĩl)	2,6-dichlorobenzonitrile
dichlorprop (đĩ' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (đĩ' clô' fáp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethylatyl (đĩ-eth' e-til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (đĩ' fẽn zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (đĩ' nĩ' trá mẽn)	<i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (đĩ' nõ sễb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (đĩ' fẽn' á mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (đĩ' prôp' ě trin)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diquat (đĩ' kwăt)	6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- $\epsilon$ ] pyrazinediium ion
diuron (đĩ' ũ rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ẽn' đõ thăl)	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
ethalfuralin (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 lăt)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ó fy'oom' e săt)	(-)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fẽn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fẽn' ũ 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 (flũ klôr' á lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ó mết' ũ rôn)	1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ó đĩ' fẽn)	<i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' ĩ đôn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i> )-pyridinone
fosamine (făs' -a mẽn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glĩ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hẽx' á floor' át)	potassium hexafluoroarsenate
hexazinone (hẽk-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 (ĩ' õx' ã nĩl)	4-hydroxy-3,5-diiodobenzonitrile

karbutilate (kar byút' lát)	<i>tert</i> -butylcarbamie acid ester with 3( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lên' á cùi)	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 (mêc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flũ' i' did)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropalin (mêth' ãl prô' pã lĩn)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mêth' ãm)	sodium methylthiocarbamate
methazole (mêth' á zôl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (me' tãl á klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mê trĩ bu' zĩn)	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 (mô' lĩ nãt)	5-ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (môn' ô lĩn' 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 mĩde)	2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tá lãm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nêb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nĩ' trá lĩn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nĩ' trô fên)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nitrô flôr' fên)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô rê uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flũr á zãn)	4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone
oryzalin (ô rĩ' zã lĩn)	3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfamilamide
oxadiazon (ox' á dí' a zôn)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' í flôr' fên)	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 (pêb' ù lát)	5-propyl butylethylthiocarbamate
pendimethalin (pên' dĩ' mêt'h' á lĩn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flũ' i' dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fên mêt' ã' fãm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr' ãm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sĩ á zên)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô flũr' á lĩn)	<i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prô' mêt' tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mêt' trĩn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' á mĩde)	3,5-dichloro- <i>N</i> -1,1-dimethyl-2-propynylbenzamide
propachlor (prô' pã' clôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pã' nil)	3',4'-dichloropropionalide
propazine (prô' pã' zên)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fãm)	isopropyl carbanilate
prosulfalin (prô sul' fá lĩn)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prĩn' á klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pĩ' zã zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone
sebutmeton (sek' byũ me' tãn)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> -(1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sĩd' ù rôn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sil' vêks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' á zên)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' ê trĩn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (têb' ù thĩ' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (têr' bã' cĩl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuthlor (tãr' byũ klôr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbutylazine (têr' byũ thĩ' á zên)	2-( <i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (têr' bũ' tól)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (têr' bũ' trĩn)	2-( <i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (tê' trã' flũ' rãn)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thĩ' ô hên' kãrb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate (trĩ' ãl' lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trĩ' klô' pĩr)	[1,3,5,6-trichloro-2-pyridinyloxy]acetic acid
trifluralin (trĩ' flũr' á lĩn)	$\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trĩ' mêt' ù rôn)	1-( <i>p</i> -chlorophenyl)-2,3,3-trimethylpseudoarea
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 (vêr' nô' lát)	<i>S</i> -propyl dipropylthiocarbamate

<sup>a</sup>Herbicides no longer in use in USA are omitted. Complete listing, including those covered by US Patents, is available in *Weed Research* 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.