

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

## Common Name or Designation

## Chemical Name

acrolein (á krô' le in)	acrolein
alachlor (ăl á chlôr)	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 trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanilylcarbamate
atrazine (ă trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bâr' bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (bên' ě fîn)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -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 (bí' fê năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô mỗx' ÿ nil)	3,5-dibromo-4-hydroxybenzoxynil
butachlor (byút' 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' á 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 (bũ' tí lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cô dỹl' ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt' a mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr ám' bèn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rỗx' ù rôn)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr prô' făm)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sis án' əlĩd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ án' 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 kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sí' pră zêen)	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 ě făm)	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
desmetryn (dês' mêt trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' əl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí kăm' bả)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clô bèn' il)	2,6-dichlorobenzonitrile
dichlorprop (dĩ' clôr prôp)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (dí' clô fáp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
difenzoquat (dĩ' fên zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ' trá mên)	<i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĩ' nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí fên' á mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prôp' ě trin)	2-ethylthio-4-6-bis-isopropylamino- <i>s</i> -triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyrido[1,2- $\alpha'$ :2',1'- <i>c</i> ] pyrazinedium ion
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 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)benzamine
ethiolate (e thĩ' ó lătê)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' ô fyôôm' e săt)	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
fenac (fên' ăc)	(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' a 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-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ô dĩ' fên)	<i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' í dôn)	1-methyl-3-phenyl-5-[3-trifluoromethyl]phenyl]-4(1 <i>H</i> )-pyridinone
glyphosate (gli' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' á floor' ătê)	potassium hexafluoroarsenate
ioxynil (ĩ ôx' ÿ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sôprô' pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

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karbutilate (kar byút' lát)	<i>tert</i> -butylcarbamic acid ester with 3( <i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lě'n' 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 (měc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flú i did)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalproalin (mět' h' ál prô' pá lín)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham (mět' h' ám)	sodium methylthiocarbamate
methazole (mět' h' á zól)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (me' tál á klôr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mět' rí bú' 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 năt)	<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 (nă' prôp' a mîde)	2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (năp' tálăm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nēb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nít' trálín)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nít' trô' fě'n)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
nitrofluorfen (nít' rô flôr' fě'n)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
norea (nô' rē uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nôr' flūr ə zăn)	4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone
oryzalin (ô' rít' ză lín)	3,5-dinitro- <i>N,N</i> -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' fě'n)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (păr' á kwăt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pēb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pēn' dī mět' h' ə lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pēr' flú i dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fēn' mēd' í fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr' âm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sí ə zēn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prô' flūr' á lín)	<i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prô' mē tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mē trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' ə mîde)	3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pə' chlôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pá nil)	3',4'-dichloropropionalide
propazine (prô' pá zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fām)	isopropyl carbanilate
prosulfalin (prô' sul' fá lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' ə klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pít' zá zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone
secbumeton (sek' byú' mē' tăn)	<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' vĕks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' ə zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' ě trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tēb' ū thít' ù rôn)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tēr' bā cil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terburchlor (tēr' byú' klôr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (tēr' byú' thíl' ə zēn)	2(4- <i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tēr' bú' tól)	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' trə' flú' rân)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thí' o bēn' kărb)	<i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate
triallate (trí' ál lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trít' klô' pí'r)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trít' flúr' á lín)	$\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trí' mēt' 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 (vēr' nô' 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 in the mixture specified and the source of the experimental chemicals given.