

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acifluorfen	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (á kró' le' ín)	acrolein
alachlor (ál' á chlór)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám' ě' trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám' í' tról)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ũ' lám)	methyl sulfanylcabamate
atrazine (á' trá' zén)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bár' bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (běn' ě' fín)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn' sũl' id)	<i>O,O</i> -disopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (běn' tá' zón)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>II</i>)-one 2,2-dioxide
benzadox (běn' zúh' dõx)	(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> -alaine
bifenox (bí' fě' náks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró' má' sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (bró' mõx' ũ' nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byút' á' klór)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjú' taam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (byú' thíd' á' zól)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bú' trá' lín)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bú' tí' lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cá' cõ' dýl' íc)	hydroxydimethylarsine oxide
cambendichlor (kám' ben-dĩ-klór)	(phenylimino)di-2, 1-ethandiyl bis(3,6-dichloro-2-methoxybenzoate)
carbetamide (cár' bět' á' mĩde)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klór' ám' běn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór' brõm' u' ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klór' rõx' ũ' rõn)	3-[<i>p</i> -chlorophenoxy]phenyl]-1,1-dimethylurea
chlorpropham (clór' prõ' fám)	isopropyl <i>m</i> -chlorocarbanilate
cisanilide (sis' án' ə' líd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ' án' á' zén)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clõ' át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klũ' rõn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' par' kwát)	1-methyl-4-phenylpyridinium
cyprazine (sí' prá' zěén)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prá' zól)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prõ' mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dál' á' põn)	2,2-dichloropropionic acid
dazomet (dáz' zõ' mět)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCCA	dimethyl tetrachloroterephthalate
desmedipham (děz' měd' ě' fám)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dész' mě' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí' ál' lát)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dí' kám' bá)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dí' clõ' běn' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clór' prõp)	2-(2,4-dichlorophenoxy)propionic acid
diciofop (dí' clõ' fáp)	2-[4-(2,4-dichlorophenoxy)phenoxy]propanoic acid
diethatyl (di-eth'e-til)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dí' fen' zõ' kwät)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dí' ní' trá' mèn)	<i>N,N,N,N</i> -diethyl- $\alpha,\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nõ' sěb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dí' fěn' á' mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dí' prop' ě' trin)	2-(ethylthio)-4,6-bis(isopropylamino)-s-triazine
diquat (dí' kwät)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinedium ion
diuron (dí' ũ' rõn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ěn' dõ' thál)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ěr' bõn)	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' õ' lát)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth' õ' fyõõm' e' sát)	(-)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (fěn' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fěn' ũ' rõn)	1,1-dimethyl-3-phenylurea
fenuron TCA	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' klõr' a' lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ' õ' mět' ũ' rõn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ' õ' dí' fěn)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' í' dõn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (fás' -ə- měn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (glĩ' fõ' sát)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hěx' á' flõr' á' te)	potassium hexafluoroarsenate
hexazinone (hěk-sá-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' ũ' nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sõprõ' pá' lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

karbutilate (kar byút' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lên' 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 (mềc' ô prôp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (mê' flũ' ì díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methylpropalin (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 (mê' tal' 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>as</i> -triazin-5(4 <i>H</i>)-one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mỗ' ì nãt)	<i>S</i> -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 monotrichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nã prôp' a mĩde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (nãp' tã lãm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nêb' ù rôn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nĩ' trã lĩn)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (nĩ' trô fên)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nĩtrô flô' 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 zan)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rĩ' za lĩn)	3,5-dinitro- <i>N,N</i> '-dipropylsulfanilamide
oxadiazon (ox' á dĩ' á zôn)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' i' 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)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pên' dĩ' mêth' a lĩn)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flũ' ì dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fên mềd' i' tãm)	methyl <i>m</i> -hydroxy carbanilate <i>m</i> -methylcarbanilate
picloram (piê' lôr' ãm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' sí' 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- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prô' mề tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' mề 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-propynyl)benzamide
propachlor (prô' pã' êlôr)	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' fã 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 (pi' rã zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sebumeton (sek' byũ' mề' tãn)	<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 (sil' vèks)	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 cìl)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor (têr' byũ' klôr)	<i>N</i> - <i>t</i> -butoxy methyl-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
thobencarb (thĩ' ô ben' kãrb)	<i>S</i> -[4-chlorophenyl)methyl] diethylcarbamothioate
trallate (trãl' lát)	<i>S</i> -(2,3,3-trichloroallyl)disopropylthiocarbamate
triclopyr (trĩ' klô' pĩr)	[3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trĩ' flũr' á lĩn)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trĩ' mềt' ù rôn)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA ^a	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>ms</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

^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),

^bThis 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.