

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name

acrolein (à kró le ín)	acrolein
alachlor (ál à chlór)	2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide
ametryn (ám' è trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-s-triazine
amitrole (ám' í tról)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanilylcarbamate
atrazine (á' trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bár' bãn)	4-chloro-2-butynyl m-chlorocarbanilate
benefin (bên' è fin)	N-butyl-N-ethyl- α,α,α -trifluoro-2,6-dinitro-p-toluidine
bensulide (bên' sùl íd)	O,O-diisopropyl phosphorodithioate S-ester with N-(2-mercaptoethyl)benzenesulfonamide
bentazon (bên' tá zôn)	3-isopropyl-1H-2,1,3-benzothiadiazin-(4) 3H-one 2,2-dioxide
benzadox (bên' zùh dóx)	(benzamidooxy)acetic acid
benzipram (bên' zi pram)	3,5-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)benzamide
bifenox (bí' fê nãks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró' má sıl)	5-bromo-3-sec-butyl-6-methyluracil
bromoxynil (bró' mòx' ý nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byút' a klór)	N-(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (bjü' taam)	2,2-dimethyl-N-(1-methylethyl)-N-(phenylmethyl)propanamide
butralin (bü' trã lin)	4-(1,1-dimethylethyl)-N-(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bü' tí lät)	S-ethyl diisobutylthiocarbamate
cacodylic acid (cã' cõ dýl' íc)	hydroxydimethylarsine oxide
carbetamide (cãr' bêt' à mide)	D-N-ethyl lactamide carbanilate (ester)
CDA	N,N-diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klór' âm' bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór' bróm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (kló' róx ù rôn)	3-[p-(p-chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clór' prô' fãm)	isopropyl m-chlorocarbanilate
cisanilide (sis' an' a' lide)	cis-2,5-dimethyl-N-phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cý' ăn' à zên)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sý' cló' àt)	S-ethyl N-ethylthiocyclohexanecarbamate
cycluron (sý' klü' rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pãr kwãt)	1-methyl-4-phenylpyridinium
cyprazine (sí' prã zëen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prã zol)	N-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sý' prô' mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl' à pôn)	2,2-dichloropropionic acid
dazomet (dã' zõ mêt)	tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dëz' mêt' è fãm)	ethyl m-hydroxycarbanilate carbanilate (ester)
desmetryn (dës' mêt' trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
diallate (dí' ãl lät)	S-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dí' kãm' bà)	3,6-dichloro-o-anisic acid
dichlobenil (dí' cló' bën' il)	2,6-dichlorobenzonitrile
dichlorprop (dí' clór' pröp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dí' fën zõ kwãt)	1,2-dimethyl-3,5-diphenyl-1H-pyrazolium
dinitramine (dí' nít' trá mèn)	N ⁴ ,N ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dí' nó sêb)	2-sec-butyl-4,6-dinitrophenol
diphenamid (dí' fën' à mid)	N,N-dimethyl-2,2-dipheylacetamide
dipropetryn (dí' pröp' è trin)	2-ethylthio-4-bis-isopropylamino-s-triazine
diquat (dí' kwãt)	6,7-dihydrodipyrido[1,2- α :2',1'-c] pyrazinedium ion
diuron (dí' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro-o-cresol
DSMA	disodium methanearsonate
endothall (èn' dô thãl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	S-ethyl dipropylthiocarbamate
erbon (úr' bôn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth' al flúr' à lín)	N-ethyl-N-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thí' ò lãte)	S-ethyl diethylthiocarbamate
fenac (fën' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fën' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flü' klór' a lín)	N-(2-chloroethyl)-2,6-dinitro-N-propyl-4-(trifluoromethyl)aniline
fluometuron (flü' õ mêt' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro-m-tolyl)urea
fluorodifen (flü' õ dí' fën)	p-nitrophenyl α,α,α -trifluoro-2-nitro-p-tolyl ether
glyphosate (glí' fõ sãt)	N-(phosphonomethyl)glycine
hexaflurate (hëx' à flöör' àte)	potassium hexafluoroarsenate
ioxynil (í' õx' ý nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í' sôpró' pa lín)	2,6-dinitro-N,N-dipropylcumidine

karbutilate (kar byüt' l ät)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1, 1-dimethylurea
lenacil (lën' ä cil)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron (lín' ù rön)	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 (mëc' ô pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy] propionic acid
metham (mëth' äm)	sodium methylthiocarbamate
methazole (mëth' ä zöl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metribuzin (më tri bu' zin)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazine-5(4 <i>H</i>)one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mô' li nât)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (môn' ô lín' ù rön)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (môn' ù rön)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nä pröp' a mîde)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (näp' tä lām)	<i>N</i> -1-naphthylphthalamic acid
neburon (nëb' ù rön)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (ní' trā lin)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (ní' trō fën)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
norea (nō ré' uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nör' flür ä zän)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô ri' zä lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' a dí' a zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
paraquat (pâr' ä kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pëb' ù lät)	<i>S</i> -propyl butylethylthiocarbamate
penoxalin (pen' äks ə lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (për' flü i dön)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fën mëd' i fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lôr äm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prô' si ə zën)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile
profluralin (prô' flür' ä lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prô' më tôn)	2-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prô' më trin)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' ä mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prô' pâ cîôr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prô' pâ nil)	3',4'-dichloropropionanilide
propazine (prô' pâ zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prô' fām)	isopropyl carbanilate
prosulfallin (prô' sul' fa lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prin' ä klôr)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pi' rä zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü me' tån)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sid' ù rön)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sil' vëks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim' ä zën)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sim' ë trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tëb' ù thî' ù rön)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tër bā cil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuthylazine (ter byü thî' ä zën)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol (tër' bü töl)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn (tër' bü trin)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
triallate (tri' ä lät)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
Triclopyr (tri' klô pir)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (tri' flür' ä lín)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (tri' mët' ù rön)	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	tris[2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vër' nô lät)	<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.