

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
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' ě tról)	3-amino-s-triazole
AMS	ammonium sulfamate
asulam (ás' ũ lăm)	methyl sulfanylcarbamate
atrazine (á' trá zén)	2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine
barban (bár' bǎn)	4-chloro-2-butynyl <i>m</i> -chlorocarbamate
benefin (běn' ě fín)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (běn' sŭl' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (běn' tā zón)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4) 3 <i>H</i> -one 2,2-dioxide
benzadox (běn' zuh dǒx)	(benzamidooxy)acetic acid
benzipram (běn' zi pram)	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 nǎks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (bró' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (bróm' mǒx' ý nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byút' a 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' ti lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cǎ' cō dýl' ic)	hydroxydimethylarsine oxide
carbetamide (cár' bét' á mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klór' ám' bèn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klór' bróm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (kló' rǒx' ũ rón)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clór' pró' fám)	isopropyl <i>m</i> -chlorocarbamate
cisanilide (sís' án' əlíd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cǎ' án' á zén)	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sy' cló át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klŭ rón)	3-cyclooctyl-1,1-dimethylurea
cyperquat (sí' pǎr kwát)	1-methyl-4-phenylpyridinium
cyprazine (sí' prá zéén)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-s-triazine
cyprazole (sí' prá zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' pró mid)	3',4'-dichlorocyclopropanecarboxanilide
	2,2-dichloropropionic acid
	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
	dimethyl tetrachloroterephthalate
	ethyl <i>m</i> -hydroxycarbamate carbanilate (ester)
	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-s-triazine
	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
	3,6-dichloro- <i>o</i> -anisic acid
	2,6-dichlorobenzonitrile
	2-(2,4-dichlorophenoxy)propionic acid
	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
	<i>N,N,N'</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
	2- <i>sec</i> -butyl-4,6-dinitrophenol
	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
	2-ethylthio-4-bis-isopropylamino-s-triazine
	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinedium ion
	3-(3,4-dichlorophenyl)-1,1-dimethylurea
	4,6-dinitro- <i>o</i> -cresol
	disodium methanearsonate
	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
	<i>S</i> -ethyl dipropylthiocarbamate
	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
	<i>S</i> -ethyl diethylthiocarbamate
	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranol methane-sulfonate
	(2,3,6-trichlorophenyl)acetic acid
	1,1-dimethyl-3-phenylurea
	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
	(aminocarbonyl)phosphonic acid
	<i>N</i> -(phosphonomethyl)glycine
	potassium hexafluoroarsenate
	4-hydroxy-3,5-diiodobenzonitrile
	2,6-dinitro- <i>N,N</i> -dipropylcumidine
fenac (fě'n' äc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fě'n' ũ rón)	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 klór' a lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flŭ ō mět' ũ rón)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flŭ ō dí' fě'n)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flŭ'r' í dón)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (fäs' -ā mē'n)	(aminocarbonyl)phosphonic acid
glyphosate (glí' fō sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hěx' á floor' äte)	potassium hexafluoroarsenate
ioxynil (í ōx' ý nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (í' sópr' pá lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation

Chemical Name

karbutilate (kar byüt' lát)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lén' 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 (méc' ô pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me' flü' ì díd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl]acetamide
methalpropalin (mèth' àl prò' pá 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' á zól)	2-(3,4-dichlorophenyl-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (me' tál' á klór)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (mè trī 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 (mò' lí nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbathioate
monolinuron (món' ò lín' ù rôn)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (món' 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-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (năp' 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 (nór' flür' á zăn)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ô rî' ză lín)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' á dí' á zon)	2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (ox' í flor' fèn)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pâr' á kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pèb' ù lát)	<i>S</i> -propyl butylethylthiocarbamate
pendimethalin (pén' dí' mèth' á lín)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per' flü' ì dôn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fèn mèd' í fām)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic' lór' àm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prò' sí' á zèn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prò' flür' á lín)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometone (prò' mè' tón)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prò' mè' trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prôn' á mîde)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (prò' pá' clór)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prò' pá' níl)	3',4'-dichloropropionalide
propazine (prò' pá' zèn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prò' fá' m)	isopropyl carbanilate
prosulfalin (prò' sul' fá' lín)	<i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimine
prynachlor (prín' á klór)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pí' tá' zôn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
secbumeton (sek' byü' me' tăn)	<i>N</i> -ethyl-6-methoxy- <i>N</i> '(1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sí' d' ù rôn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sí'l' vèks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sí' m' á zèn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn (sí' m' è' trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA	trichloroacetic acid
tebuthiuron (tèb' ù thî' 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
terbuchlor (târ' byü' klór)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (ter' byü' thî'l' á 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' trín)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te' tr' flü' rân)	<i>N,N</i> -dimethyl- <i>N</i> '-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thí' ò' bèn' kârb)	<i>S</i> -[[4-chlorophenyl]methyl]diethylcarbamothioate
triallate (trí' àl' lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr (trí' klò' pí' r)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trí' flür' á lín)	α,α,α -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 ^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	<i>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vèr' 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), 1975.

^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.