

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name ^b
acetochlor (ã sé' tồ klôr)	2-chloro- <i>N</i> -(ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (á krô'le ín)	acrolein
alachlor (ãl'á chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ãm'ê trín)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ãm'í trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ãs' ù lăm)	methyl sulfanylcarbamate
atraton (ã trá tòn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine
atrazine (ã trá zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bãr'bán)	4-chloro-2-butynyl <i>m</i> -chlorocarbaniolate
benefin (bên'ê fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên'súl íd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên'tã zôn)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-(4)3 <i>H</i> -one 2,2-dioxide
benzadox (bên'zuh dôx)	(benzamidoxy)acetic acid
benzipram ('ben zi pram)	<i>N</i> -benzyl- <i>N</i> -isopropyl-3,5-dimethylbenzamide
bifenox (bĩ fê nãkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô môt'ý nĩl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byũ't' 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
butralin (bũ' trã lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
buturon (bũ'tũ rôn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ'tĩ lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã'cô dỹ'lic)	hydroxydimethylarsine oxide
carbetamide (cãr bê't' á mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klôr ãm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klôr' rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rôx' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-diraethylurea
chlorpropham (clôr' prô'fãm)	isopropyl <i>m</i> -chlorocarbaniolate
CIPC (see chlorpropham)	
cisalanilide (sis'ãn' á lide)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (ci'ãn' 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 ('si pãr kwãt)	1-methyl-4-phenylpyridinium
cyprazine (si'prã zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (si'prã zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy'prô mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl'á pôn)	2,2-dichloropropionic acid
dazomet (dã'zô mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
DCU	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea
delachlor (dêl'ã klôr')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mêt ê fãm)	ethyl <i>m</i> -hydroxycarbaniolate carbanilate (ester)
desmetryn (dê's mêt trín)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (di'ãl lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (di'kãm'bã)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (di'clô bèn'íl)	2,6-dichlorobenzonitrile
dichlormate (di'chlôr mãtê)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (di'clôr prôp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (di'crĩl)	3',4'-dichloro-2-methylacrylanilide
difenzoquat (di'fen zô kwãt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (di-nĩ' trá-mên)	<i>N</i> ⁸ , <i>N</i> ⁸ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (di'nô sãm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (di'nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (di'fê'n' á mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (di'prôp' ê trín)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (di'kwãt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinediium ion
diuron (di'ũ rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DMTT (see dazomet)	
DNAP (see dinosam)	
DNBP (see dinoseb)	
DNC (see DNOC)	
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên'dô thãl)	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 lín)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thi' ô lâte)	<i>S</i> -ethyl diethylthiocarbamate
EXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fên'ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên'ũ rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klôr' a lín)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ô mêt'ũ rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũr ô di'fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (gli'fô sãt)	<i>N</i> -(phosphonomethyl)glycine
HCA	1,1,1,3,3,3-hexachloro-2-propanone
hexaflurate (hêx' á flôor'ãtê)	potassium hexafluoroarsenate
ioxynil (i'ôt'ý nĩl)	4-hydroxy-3,5-diiodobenzonitrile
ipazine (ĩp' á zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see propham)	
isociflutol (i'sô'ciflũt'ôl)	isopropyl 6-methyluracil
isopropalin (i'sôprô'pa lín)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byü'tl ät) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lën' ä cül) linuron (lin' ü rön)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione 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
MCPES	2-[(4-chloro- <i>o</i> -tolyl)oxy]ethyl sodium sulfat
MCPP (see mecoprop)	
mecoprop (mëc'ö pröp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
metham (mëth'äm)	sodium methylthiocarbamate
methazole (mëth'-äzöl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metobromuron (mët'ö brom'ü rön)	3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea
metribuzin (më-tri-bü'-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 (mó'li nät)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mön'ö lin'ü rön)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron (mön'ü 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 mide)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam (näp'tä läm)	<i>N</i> -1-naphthylphthalamic acid
neburon (nëb'ü rön)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (ni'trä lin)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen (ni'trö fën)	2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether
norea (nö ré'uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nór flür ä zän)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
NPA (see naptalam)	
oryzalin (ö rí zä lin)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (ox' ä 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
PCP	pentachlorophenol
pebulate (pëb'ü lát)	<i>S</i> -propyl butylethylthiocarbamate
perfluidone (per' flü i dön)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fën mëd'i fäm)	methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate
picloram (pic'lör äm)	4-amino-3,5,6-trichloropicolinic acid
PMA	(acetato) phenylmercury
procyazine (prö 'si ä zën)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prö flür ä lin)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon (prö'më tôn)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn (prö'më trin)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide (prön' ä mide)	3,5-dichloro- <i>N</i> -(1,1-dimethyl-2-propynyl)benzamide
propachlor (prö' pá clör)	2-chloro- <i>N</i> -isopropylacetanilide
propanil (prö' pá nil)	3',4'-dichloropropionanilide
propazine (prö' pá zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham (prö' fäm)	isopropyl carbanilate
prynachlor (prin' ä klör)	2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide
pyrazon (pi'rá zön)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
pyriclor (pi'ri clör)	2,3,5-trichloro-4-pyridinol
sesone (së'sön)	2-(2,4-dichlorophenoxy)ethyl sodium sulfat
siduron (sid'ü 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
simeton (sim'ë tôn)	2,4-bis(ethylamino)-6-methoxy- <i>s</i> -triazine
simetryn (sim'ë trin)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
SMDC (see metham)	
solan (só'län)	3'-chloro-2-methyl- <i>p</i> -valeroluidide
swep (swëp)	methyl 3,4-dichlorocarbanilate
tebuthiuron (tëb'ü thü'ü rön)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil (tër'bä cil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbutylazine (ter byü thil 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
TCA	trichloroacetic acid
triallate (tri'äl lát)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
tricamba (tri cäm'bä)	3,5,6-trichloro- <i>o</i> -anisic acid
Triclopyr ('tri klö pir)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trietazine (tri ë't ä zën)	2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine
trifluralin (tri flür ä lin)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (tri mët'ü rön)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA ^c	2,3,6-trichlorobenzoic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DEB	2-(2,4-dichlorophenoxy)ethyl benzoate
2,4-DEP	tris[2-(2,4-dichlorophenoxy)ethyl]phosphite
2,4-DP (see dichlorprop)	
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
2,4,5-TES	sodium 2-(2,4,5-trichlorophenoxy)ethyl sulfat
vernolate (vër'nö 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.

^bAs tabulated in this paper, a chemical name occupying two lines separated by an equal (=) sign is joined together without any separation

^cThis 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.