Common and Chemical Names of Herbicides[a]

Common Name or Designation	Chemical Name[b]
acrolein (*à* krō´le in)	acrolein
alachlor (ăl´à chlôr)	2-chloro-2′,6′-diethyl-*N*-(methoxymethyl)acetanilide
ametryn (ám´é trĭn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)-*s*-triazine
amitrole (ăm´i tról)	3-amino-*s*-triazole
AMS	ammonium sulfamate
asulam (ăs´ ù lăm)	methyl sulfanilylcarbamate
atrazine (ă´trà zĕn)	2-chloro-4-(ethylamino)-6-(isopropylamino)-*s*-triazine
barban (bär´băn)	4-chloro-2-butynyl *m*-chlorocarbanilate
benefin (bĕn´ĕ fin)	*N*-butyl-N-ethyl-α,α,α-trifluoro-2,6-dinitro-*p*-toluidine
bensulide (bĕn´súl id)	*O*,*O*-diisopropyl phosphorodithioate *S*-ester with *N*-(2-mercaptoethyl)benzenesulfonamide
bentazon (bén´tà zŏn)	3-isopropyl-1*H*-2,1,3-benzothiadiazin-(4)3*H*-one 2,2-dioxide
benzadox (bĕn´zuh dŏx)	(benzamidooxy)acetic acid
benzipram (´ben zi pram)	*N*-benzyl-*N*-isopropyl-3,5-dimethylbenzamide
bifenox (bĭ fĕ näkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brō´mà sil)	5-bromo-3-*sec*-butyl-6-methyluracil
bromoxynil (brō mŏx´ĭ nĭl)	3,5-dibromo-4-hydroxybenzonitrile
butachlor (byüt´ a klôr)	*N*-(butoxymethyl)-2-chloro-2′,6′-diethylacetanilide
butam (bjü´ taam)	2,2-dimethyl-*N*-(1-methylethyl)-*N*-(phenylmethyl)propanamide
butralin (bü´ trä lin)	4-(1,1-dimethylethyl)-*N*-(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bů´tĭ lât)	*S*-ethyl diisobutylthiocarbamate
cacodylic acid (că´cō dĭl´ĭc)	hydroxydimethylarsine oxide
carbetamide (cär bĕt´ *à* mide)	*D*-*N*-ethyllactamide carbanilate (ester)
CDAA	*N*,*N*-diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethyldithiocarbamate
chloramben (klōr ăm´bĕn)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klōr´ brōm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klō rŏx´ù rŏn)	3-[*p*-(*p*-chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr prō´făm)	isopropyl *m*-chlorocarbanilate
cisanilide (sis´an´a´lide)	*cis*-2,5-dimethyl-*N*-phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĭ-ăn´-à-zĕn)	2-[[4-chloro-6-(ethylamino)-*s*-triazin-2-yl]amino]-2-methylpropionitrile
cycloate (sy´clō ât)	*S*-ethyl N-ethylthiocyclohexanecarbamate
cycluron (sy´klū rŏn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (´si pər kwät)	1-methyl-4-phenylpyridinium
cyprazine (si´prä zëën)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)-*s*-triazine
cyprazole (si´ prä zol)	*N*-[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]cyclopropanecarboxamide
cypromid (sy´prō mĭd)	3′,4′-dichlorocyclopropanecarboxanilide
dalapon (dăl´*à* pŏn)	2,2-dichloropropionic acid
dazomet (dă´zō mĕt)	tetrahydro-3,5-dimethyl-2*H*-1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dĕz´ mĕd ĕ făm)	ethyl *m*-hydroxycarbanilate carbanilate (ester)
desmetryn (dĕs´mĕ trĭn)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)-*s*-triazine
diallate (dĭ´ăl lât)	*S*-(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĭ kăm´bà)	3,6-dichloro-*o*-anisic acid
dichlobenil (dĭ´clō bĕn´il)	2,6-dichlorobenzonitrile
dichlorprop (dĭ´clôr prŏp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dĭ ´fen zō kwät)	1,2-dimethyl-3,5-diphenyl-1*H*-pyrazolium
dinitramine (dĭ-nĭ´-trà-mĕn)	N^4,N^4-diethyl-α,α,α-trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĭ´nō sĕb)	2-*sec*-butyl-4,6-dinitrophenol
diphenamid (dĭ fĕn´ *à* mĭd)	*N*,*N*-dimethyl-2,2-diphenylacetamide
dipropetryn (dĭ´ prop´ ĕ trĭn)	2-(ethylthio)-4,6-bis(isopropylamino)-*s*-triazine
diquat (dĭ´kwät)	6,7-dihydrodipyrido[1,2-α:2′,1′-*c*]pyrazinediium ion
diuron (dĭ´ù rŏn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro-*o*-cresol
DSMA	disodium methanearsonate
endothall (ĕn´dō thăl)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	*S*-ethyl dipropylthiocarbamate
erbon (ûr´bŏn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfluralin (eth al flûr´ à lĭn)	*N*-ethyl-*N*-(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĭ´ ō lâte)	*S*-ethyl diethylthiocarbamate
fenac (fĕn´ăc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fĕn´ù rŏn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flū klōr´ a lĭn)	*N*-(2-chloroethyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)aniline
fluometuron (flù ō mĕt´ù rŏn)	1,1-dimethyl-3-(α,α,α-trifluoro-*m*-tolyl)urea
fluorodifen (flūr ō dĭ´fĕn)	*p*-nitrophenyl α,α,α-trifluoro-2-nitro-*p*-tolyl ether
glyphosate (glĭ´fō sât)	*N*-(phosphonomethyl)glycine
hexaflurate (hĕx´ à flōor´ăte)	potassium hexafluoroarsenate
ioxynil (ĭ ŏx´ĭ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĭ´sōprō´pa lĭn)	2,6-dinitro-*N*,*N*-dipropylcumidine

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Common Name or Designation	Chemical Name[b]
karbutilate (kar byüt′l āt)	*tert*-butylcarbamic acid ester with 3-(*m*-hydroxyphenyl)-1,1-dimethylurea
lenacil (lēn′ *à* cil)	3-cyclohexyl-6,7-dihydro-1*H*-cyclopentapyrimidine-2,4(3*H*,5*H*)-dione
linuron (lin′ū rŏn)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MCPA	[(4-chloro-*o*-tolyl)oxy]acetic acid
MCPB	4-[(4-chloro-*o*-tolyl)oxy]butyric acid
mecoprop (mēc′ō prŏp)	2-[(4-chloro-*o*-tolyl)oxy]propionic acid
metham (mēth′ām)	sodium methyldithiocarbamate
methazole (mēth′-*à*-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metribuzin (mē-trī-bū′-zin)	4-amino-6-*tert*-butyl-3-(methylthio)-*as*-triazine-5(4*H*)one
MH	1,2-dihydro-3,6-pyridazinedione
molinate (mŏ′lī nāt)	*S*-ethyl hexahydro-1*H*-azepine-1-carbothioate
monolinuron (mŏn′ō lin′ū rŏn)	3-(*p*-chlorophenyl)-1-methoxy-1-methylurea
monuron (mŏn′ū rŏn)	3-(*p*-chlorophenyl)-1,1-dimethylurea
monuronTCA	3-(*p*-chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (nă prôp′ a mide)	2-(α-naphthoxy)-*N*,*N*-diethylpropionamide
naptalam (năp′tà lăm)	*N*-1-naphthylphthalamic acid
neburon (nēb′ū rŏn)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin (nī′trà lin)	4-(methylsulfonyl)-2,6-dinitro-*N*,*N*-dipropylaniline
nitrofen (nī′trō fēn)	2,4-dichlorophenyl-*p*-nitrophenyl ether
norea (nō rē′uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr′ flür ə zăn)	4-chloro-5-(methylamino)-2-(α,α,α-trifluoro-*m*-tolyl)-3(2*H*)-pyridazinone
oryzalin (ō rī′ zā lin)	3,5-dinitro-N^4,N^4-dipropylsulfanilamide
oxadiazon (ox′ a dī′ a zon)	2-*tert*-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-Δ^2-1,3,4-oxadiazolin-5-one
paraquat (pâr′ *à* kwät)	1,1′-dimethyl-4,4′-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate (pēb′ū lāt)	*S*-propyl butylethylthiocarbamate
penoxalin (pen′ äks-ə-lin)	*N*-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (per′ flū ı dōn)	1,1,1-trifluoro-*N*-[2-methyl-4-(phenylsulfonyl)phenyl]methanesulfonamide
phenmedipham (fēn mēd′i făm)	methyl *m*-hydroxycarbanilate *m*-methylcarbanilate
picloram (pĭc′lôr ăm)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prō ′sī ə zēn)	2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
profluralin (prō flûr′ à lin)	*N*-(cyclopropylmethyl)-α,α,α-trifluoro-2,6-dinitro-*N*-propyl-*p*-toluidine
prometon (prō′mē tŏn)	2,4-bis(isopropylamino)-6-methoxy-*s*-triazine
prometryn (prō′mē trĭn)	2,4-bis(isopropylamino)-6-(methylthio)-*s*-triazine
pronamide (prōn′ ä mīde)	3,5-dichloro-*N*-(1,1-dimethyl-2-propynyl)benzamide
propachlor (prō′pà clôr)	2-chloro-*N*-isopropylacetanilide
propanil (prō′pà nĭl)	3′,4′-dichloropropionanilide
propazine (prō′pà zēn)	2-chloro-4,6-bis(isopropylamino)-*s*-triazine
propham (prō′ făm)	isopropyl carbanilate
prosulfalin (prō sul′ fa lĭn)	*N*-[[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]-*S*,*S*-dimethylsulfilimine
prynachlor (prĭn′ ä klōr)	2-chloro-*N*-(1-methyl-2-propynyl)acetanilide
pyrazon (pĭ′rà zŏn)	5-amino-4-chloro-2-phenyl-3(2*H*)-pyridazinone
secbumeton (sek-′byü-me-, tän)	*N*-ethyl-6-methoxy-*N*′(1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron (sid′ū rŏn)	1-(2-methylcyclohexyl)-3-phenylurea
silvex (sil′véks)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sim′à zēn)	2-chloro-4,6-bis(ethylamino)-*s*-triazine
simetryn (sĭm′ē trĭn)	2,4-bis(ethylamino)-6-(methylthio)-*s*-triazine
tebuthiuron (tēb ū thī′ ū rŏn)	*N*-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-*N*,*N*′-dimethylurea
terbacil (tēr′bà cil)	3-*tert*-butyl-5-chloro-6-methyluracil
terbuthylazine (ter byü thīl ä zēn)	2-(*tert*-butylamino)-4-chloro-6-(ethylamino)-*s*-triazine
terbutol (tēr′bū tōl)	2,6-di-*tert*-butyl-*p*-tolyl methylcarbamate
terbutryn (tēr′bū trĭn)	2-(*tert*-butylamino)-4-(ethylamino)-6-(methylthio)-*s*-triazine
TCA	trichloroacetic acid
triallate (trī′ ăl lāt)	*S*-(2,3,3-trichloroallyl)diisopropylthiocarbamate
Triclopyr (′trī klō pir)	[(3.5,6-trichloro-2-pyridinyl)oxy] acetic acid
trifluralin (trī flûr′ *à* lĭn)	α,α,α-trifluoro-2,6-dinitro-*N*,*N*-dipropyl-*p*-toluidine
trimeturon (trī mēt′ ū rŏn)	1-(*p*-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-DEP	tris[2-(2,4-dichlorophenoxy)ethyl]phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate (vēr′nō lāt)	*S*-propyl dipropylthiocarbamate

[a]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.

[b]As tabulated in this paper, a chemical name occupying two lines separated by an equal (=) sign is joined together without any separation if written on one line.

[c]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.

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