

# Common and Chemical Names of Herbicides\*

Common Name or Designation

Chemical Name

acrolein (à kró le ín)	acrolein
alachlor (ă à chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ăm' ě trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (ăm' ĩ trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ăs' ù lăm)	methyl sulfanilylcarbamate
atrazine (ă' tră zên)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (băr' bãn)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
benefin (bên' ě fin)	<i>N</i> -butyl- <i>N</i> -ethyl- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulide (bên' sũl' id)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (bên' tă 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 (bên' zi pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
bifenox (bĩ fê năks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô' mỗx' ỹ nil)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (byüt' 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
buthidazole (byũ thĩd' ă zôl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (bũ' tră lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (bũ' tí lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că' cô dỹl' ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt' à mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDE	2-chloroallyl diethylthiocarbamate
chloramben (klôr' ăm' bën)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr' brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rỗx' ò rôn)	3-[ <i>p</i> -( <i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (clôr' prô' făm)	isopropyl <i>m</i> -chlorocarbanilate
cisanilide (sis' ăn' ă lĩd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (cĩ ăn' à 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> -ethylthioclohexanecarbamate
cycluron (sy' klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (si' pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (si' pră zêen)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (si' pră zôl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prô mid)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dăl' à pôn)	2,2-dichloropropionic acid
dazomet (dă' zô mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt ě făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês' mêt trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' ăl lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kă m' bả)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clô bën' il)	2,6-dichlorobenzonitrile
dichlorprop (dĩ' clôr' prôp)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (dĩ' fen zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dĩ' nĩ' tră mên)	<i>N,N</i> <sup>4</sup> -diethyl- $\alpha,\alpha,\alpha$ -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (dĩ' nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ' fên' à mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prôp' ě trin)	2-ethylthio-4,6-bis-isopropylamino- <i>s</i> -triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyrido[1,2- $\alpha$ :2',1'- $c$ ] pyrazinedium ion
diuron (dĩ' ù rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNO	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ên' dô thăl)	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
ethalfluralin (eth' al flũr' à lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ' ò lâte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fên' ăc)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fên' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ klôr' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ ò mũc' ù rôn)	1,1-dimethyl-3-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ ò dĩ' fên)	<i>p</i> -nitrophenyl $\alpha,\alpha,\alpha$ -trifluoro-2-nitro- <i>p</i> -tolyl ether
fluridone (flũr' ỹ-dôn)	1-methyl-3-phenyl-5-[3-trifluoromethylphenyl]-4(1 <i>H</i> )-pyridinone
glyphosate (glĩ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx' à flôor' ăte)	potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ' sôprô' pa lĩn)	2,6-dinitro- <i>N,N</i> -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) linuron (lín' ù rôn)	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 MAMA MCPA MCPB mecoprop (mëc' ö pröp) mefluidide (me' flü' ä did) methalpropalin (mëth ä' l prö' pä lín) metham (mëth' äm) methazole (mëth' ä zöl) metolachlor (me' täl ä klör) metribuzin (më trî bu' zín) MH molinate (mó' lí riät) monolinuron (mön' ö lín' ù rôn) monuron (mön' ù rôn) monuronTCA MSMA	methaneearsonic acid monoammonium methaneearsonate [(4-chloro- <i>o</i> -tolyl)oxy] acetic acid 4-[(4-chloro- <i>o</i> -tolyl)oxy] butyric acid 2-[(4-chloro- <i>o</i> -tolyl)oxy] propionic acid <i>N</i> -[2,4-dimethyl-5-[[ (trifluoromethyl)sulfonyl] amino] phenyl] acetamide <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro=methyl)benzenamine sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylthio)acetamide 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i> )-one 1,2-dihydro-3,6-pyridazinedione <i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate 3-( <i>p</i> -chlorophenyl)-1-methoxy-1-methylurea 3-( <i>p</i> -chlorophenyl)-1,1-dimethylurea 3-( <i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate) monosodium methaneearsonate
napropamide (nä pröp' ä mide) naptalam (näp' täl äm) neburon (nëb' ù rôn) nitralin (ní träl lín) nitrofen (ní trö fën) nitrofluorfen (nitrö flör' fën) norea (nö ré' uh) norflurazon (nör' flür ä zän)	2-( $\alpha$ -naphthoxy)- <i>N,N</i> -diethylpropionamide <i>N</i> -1-naphthylphthalamic acid 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea 4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline 2,4-dichlorophenyl- <i>p</i> -nitrophenyl ether 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea 4-chloro-5-(methylamino)-2-( $\alpha,\alpha,\alpha$ -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i> )-pyridazinone
oryzalin (ö rí' zäl lín) oxadiazon (ox' ä dí' ä zon) oxyfluorfen (ox' ý-flör-fën)	3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>4</sup> -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (pär' ä kwät) PBA pebulate (pëb' ü lát) pendimethalin (pën' dī-mëth' ä lín) perfluidone (per' flü' ä dön) phenmedipham (fën mëd' i fäm) picloram (pic' lö' äm) procyazine (prö' si ä zën) profluralin (prö flür' ä lín) prometone (prö' më tôn) prometryn (prö' më trín) pronamide (prön' ä mide) propachlor (prö' pä clör) propanil (prö' pä nil) propazine (prö' pä zën) propham (prö' fäm) prosulfalin (prö sul' fa lín) prynachlor (prin' ä klör) pyrazon (pi' rä zôn)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid <i>S</i> -propyl butylethylthiocarbamate <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate 4-amino-3,5,6-trichloropicolinic acid 2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile <i>N</i> -(cyclopropylmethyl)- $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine 3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate <i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl]- <i>S,S</i> -dimethylsulfilimine 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i> )-pyridazinone
secbumeton (sek' byü me' täm) siduron (sid' ù rôn) silvex (sil' vëks) simazine (sim' ä zën) simetryn (sim' ë trín)	<i>N</i> -ethyl-6-methoxy- <i>N</i> '(1-methylpropyl)-1,3,5-triazine-2,4-diamine 1-(2-methylcyclohexyl)-3-phenylurea 2-(2,4,5-trichlorophenoxy)propionic acid 2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
TCA tebuthiuron (tëb' ü thí' ü rôn) terbacil (tër bäl cil) terbuchlor (tär' byü klör) terbuthylazine (tër byü thül ä zën) terbutol (tër' bü töl) terbutryn (tër' bü trín) tetrafluron (te-trä' flü-rän) thiobencarb (thi ö bën kärb' ) triallate (tri ä' lät) triclopyr (tri' klö pir) trifluralin (tri flür' ä lín) trimeturon (tri mët' ù rôn)	trichloroacetic acid <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea 3- <i>tert</i> -butyl-5-chloro-6-methyluracil <i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide 2-( <i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine 2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate 2-( <i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine <i>N,N</i> -dimethyl- <i>N</i> '-[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea <i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate [(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid $\alpha,\alpha,\alpha$ -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine 1-( <i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
2,3,6-TBA <sup>b</sup> 2,4-D 2,4-DB 2,4-DEP 2,4,5-T	2,3,6-trichlorobenzoic acid (2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butyric acid tris[2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate (vër' nö lät)	<i>S</i> -propyl dipropylthiocarbamate

<sup>a</sup>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.

<sup>b</sup>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.