

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name ^b
acrolein (á krô'le ín)	acrolein
alachlor (á'á chlôr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxy methyl)acetanilide
ametryn (ám'ê trin)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (ám'í trôl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ás' ù lăm)	methyl sulfanilylcarbamate
atrazine (á'trá zèn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (bár'băn)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate
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'sũl id)	<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'zũh dôx)	(benzamidooxy)acetic acid
benzipram (ben zi pram)	<i>N</i> -benzyl- <i>N</i> -isopropyl-3,5-dimethylbenzamide
bifenox (bĩ fê năkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brô'mă sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brô môt'ý nĩl)	3,5-dibromo-4-hydroxybenzoxynil
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'trá lin)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine
butylate (bũ'tĩ lát)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (că'cô dýl'ic)	hydroxydimethylarsine oxide
carbetamide (căr bêt'ă mide)	<i>D,N</i> -ethylactamide carbanilate (ester)
CDAA	<i>N,N</i> -diallyl-2-chloroacetamide
CDFC	2-chloroallyl diethylthiocarbamate
chloramben (klôr âm'bên)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klôr brôm u ron)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klô rôx'ũ rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-diaethylurea
chlorpropham (clôr prôt'făm)	isopropyl <i>m</i> -chlorocarbanilate
cisnilide (sis'an'ă lide)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (ci-ăn'ă zèn)	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 pər kwăt)	1-methyl-4-phenylpyridinium
cyprazine (sĩ pră zêên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sĩ pră 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 (dăl'ă pôn)	2,2-dichloropropionic acid
dazomet (dă'zô mêt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dêz' mêt ê făm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryn (dês'mê trin)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (di'ăl lát)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (di kă'm'bă)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (di'clô bèn'ĩl)	2,6-dichlorobenzonitrile
dichlorprop (di'clôr prôt)	2-(2,4-dichlorophenoxy)propionic acid
difenzoquat (di'fên zô kwăt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (di-nĩ'trá-mèn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (di'nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (di'fên'ă mid)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (di'prôt'ê trin)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (di'kwăt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>]pyrazinediium ion
diuron (di'ũ rôn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	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
ethalfuralin (eth al flũr'ă lĩn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e thĩ'ô lâte)	<i>S</i> -ethyl diethylthiocarbamate
fenac (fên'ăc)	(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'ă lĩn)	<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 (flũ ô dí'fên)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glĩ'fô săt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (hêx'ă flôor'ăte)	potassium hexafluoroarsenate
ioxynil (i'ôt'ý nĩl)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (ĩ'sôprôt'pa lĩn)	2,6-dinitro- <i>N,N</i> -dipropylcumidine

Common Name or Designation	Chemical Name ^b
karbutilate (kar byút' l' át)	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil (lén' á cil) linuron (lín' ú rón)	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 (méc' ó próp) metham (méth' ám) methazole (méth' á zól) methibuzin (mê-tri-bú'-zín) MH mollinate (mó' lí nât) monolinuron (món' ó lín' ú rón) monuron (món' ú rón) monuronTCA MSMA	methanearsonic acid monoammonium methanearsonate [(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 sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazine-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 methanearsonate
napropamide (nã próp' a mide) naptalam (nãp' tá lã m) neburon (nêb' ú rón) nitralin (ní trá lín) nitrofen (ní tró fên) norea (nò ré' uh) norflurazon (nór' flúr a zãn)	2-(α -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 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea 4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ó rí' zã lín) oxadiazon (ox' a dí' a zon)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
paraquat (pãr' á kwãt) PBA pebulate (pêb' ú lát) perfluidone (per' flú' i dôn) phenmedipham (fên mēđ' i fãm) picloram (pic' lór' ã m) procyazine (pró' sí' a zên) profluralin (pró' flúr' á lín) prometon (pró' mē' tòn) prometryn (pró' mē' trin) pronamide (prón' ä mide) propachlor (pró' pá' clór) propanil (pró' pá' nil) propazine (pró' pá' zên) propham (pró' fãm) prosofalin (pró' sul' fa lín) prynachlor (prín' ä klór) pyrazon (pí' rá' zôn)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid <i>S</i> -propyl butylethylthiocarbamate 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)- α,α,α -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- tãn) siduron (sid' ú rón) silvex (sil' véks) simazine (sím' ä zên) simetryn (sím' è trin)	<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
tebuthiuron (têb' ü thú' ú rôn) terbacil (têr' bá cil) terbuthylazine (ter byü thil ä zên) terbutol (têr' bú' tól) terbutryn (têr' bú' trin) TCA triallate (trí' ãl lát) Triclopyr ('tri klô pir) trifluralin (trí' flúr' á lín) trimeturon (tri mêt' ú rón)	<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 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 trichloroacetic acid <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate [(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid α,α,α -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 ^c 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 (vêr' 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.

^bAs 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.

^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.