

Common and Chemical Names of Herbicides^a

Common Name or Designation

Chemical Name^b

acetochlor (ã sé' tồ klờ)	2-chloro- <i>N</i> (ethoxy methyl)-6'-ethyl- <i>o</i> -acetotoluidide
acrolein (á krồ'le ín)	acrolein
alachlor (ãl'á chlờ)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryne (ãm'ê trín)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amiben (see chloramben)	
amitrole (ãm'í trồl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ãs' ù lăm)	methyl sulfanilylcarbamate
atratone (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' bãn)	4-chloro-2-butyl <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'sul' íd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
benzazon (bên'zã 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
bifenox (bỉ' fê nãkş)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brồ' má sil)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brồ' mốx' ỹ nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (byũ' t' a klờ)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
buturon (bũ' tũ rôn)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
butylate (bũ' tí lăt)	<i>S</i> -ethyl diisobutylthiocarbamate
cacodylic acid (cã' cồ dỹ' íc)	hydroxydimethylarsine oxide
carbetamide (cãr' bê' á mide)	<i>D,N</i> -ethyl lactamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDE	2-chloroallyl diethylthiocarbamate
chloroamben (klờ' ãm' bën)	3-amino-2,5-dichlorobenzoic acid
chlorazine (klờ' rá zên)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine
chlorobromuron (klờ' brồ' m u rôn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klồ' rồx' ù rôn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chloroprotham (clờ' prồ' fãm)	isopropyl <i>m</i> -chlorocarbanilate
CIPC (see chloroprotham)	
CMA	calcium methanearsonate
cyanazine (ci' ãn' á zên)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (sy' clồ' át)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (sy' klũ rôn)	3-cyclooctyl-1,1-dimethylurea
cyprazine (sỹ' prã zê' ên)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (sỹ' prã zol)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (sy' prồ' mĩd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (dãl' á pôn)	2,2-dichloropropionic acid
dazomet (dã' zồ 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 klờ')	2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'-acetoxylidide
desmedipham (dêz' mề' đ' fãm)	ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester)
desmetryne (dêz' mề' trín)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dĩ' ãl lăt)	<i>S</i> -(2,3-dichloroallyl)diisopropylthiocarbamate
dicamba (dĩ' kãm' bả)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dĩ' clồ' bên' ãl)	2,6-dichlorobenzotrile
dichlormate (dĩ' chlờ' măt)	3,4-dichlorobenzyl methylcarbamate
dichlorprop (dĩ' clờ' prồp)	2-(2,4-dichlorophenoxy)propionic acid
dicryl (dĩ' crĩl)	3',4'-dichloro-2-methylacrylanilide
dinitramine (dĩ' nĩ' trá- mên)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinosam (dĩ' nô sàm)	2-(1-methylbutyl)-4,6-dinitrophenol
dinoseb (dĩ' nô sêb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dĩ' fê' n' á mĩd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dĩ' prồ' đ' trỹn)	2-(ethylthio)-4,6-bis(isopropylamino)- <i>s</i> -triazine
diquat (dĩ' kwăt)	6,7-dihydrodipyridol[1,2- α :2',1'- <i>c</i>] pyrazinedium ion
diuron (dĩ' ù 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
ethiolate (e' thĩ' ô lăt)	<i>S</i> -ethyl diethylthiocarbamate
FXD	<i>O,O</i> -diethyl dithiobis[thioformate]
fenac (fê' n' ác)	(2,3,6-trichlorophenyl)acetic acid
fenuron (fê' n' ù rôn)	1,1-dimethyl-3-phenylurea
fenuronTCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
fluchloralin (flũ' klờ' a lĩn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flũ' ô mề' t' ù rôn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flũ' ô dĩ' fê' n)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl ether
glyphosate (glỹ' fô săt)	<i>N</i> -(phosphonomethyl)glycine
HCA	
hexaflurate (hêx' á flồ' or' át)	1,1,1,3,3,3-hexachloro-2-propanone potassium hexafluoroarsenate
ioxynil (ĩ' ôx' ỹ nil)	4-hydroxy-3,5-diiodobenzotrile
ipazine (ĩp' á zên)	2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine
IPC (see protham)	
isocil (ĩ' sô sil)	5-bromo-3-isopropyl-6-methyluracil
isopropalin (ĩ' ôpp' rồ' ãlĩn)	isopropylcumidine

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karbutilate (kar byŭ'1 át) KOCN	<i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate
lenacil (lĕn' á cil) linuron (lĭn' ũ rŏn)	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 MCPES MCPP (see mecoprop) mecoprop (mĕc' ô prŏp) metham (mĕth' am) methazole (mĕth' -á zŏl) metobromuron (mĕt' ô brom' ũ rŏn) metribuzin (mĕ-trĭ-bŭ'-zĭn) MH molinate (mŏ' lĭ năt) monolinuron (mŏn' ô lĭn' ũ rŏn) monuron (mŏn' ũ rŏn) 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]ethyl sodium sulfate 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 3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea 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 (nă prŏp' a mĭde) naptalam (năp' tă lăm) neburon (nĕb' ũ rŏn) nitralin (nĭ tră lĭn) nitrofen (nĭ trŏ fĕn) norea (nŏ rĕ' uh) norflurazon (nŏr' flŭr ə zăn) NPA (see naptalam)	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 (ŏ rĭ ză lĭn) oxadiazon (ox' a dĭ' a zon)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁶ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
paraquat (păr' á kwăt) PBA PCP pebulate (pĕb' ũ lăt) phenmedipham (fĕn mĕd' i făm) picloram (pic' lŏr' am) PMA profluralin (prŏ flŭr' á lĭn) prometone (prŏ mĕ' tŏn) prometryne (prŏ mĕ' trin) pronamide (prŏn' ä mĭde) propachlor (prŏ pă' clŏr) propanil (prŏ pă' nĭl) propazine (prŏ pă' zĕn) propham (prŏ făm) prynachlor (prĭn' ä klŏr) pyrazon (pĭ ră' zŏn) pyriclor (pĭ rĭ' clŏr)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid pentachlorophenol <i>S</i> -propyl butylethylthiocarbamate methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate 4-amino-3,5,6-trichloropicolinic acid (acetato) phenylmercury <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 <i>N</i> -(1,1-dimethylpropynyl)-3,5-dichlorobenzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone 2,3,5-trichloro-4-pyridinol
sesone (sĕs' ŏn) siduron (sĭd' ũ rŏn) silvex (sil' vĕks) simazine (sĭm' ä zĕn) simetone (sĭm' ĕ tŏn) simetryne (sĭm' ĕ trin) SMDC (see metham) solan (sŏ' lăn) swep (swĕp)	2-(2,4-dichlorophenoxy)ethyl sodium sulfate 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-methoxy- <i>s</i> -triazine 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tebuthiuron (tĕb' ũ thĭ' ũ rŏn) terbacil (tĕr' bā cil) terbutol (tĕr' bŭ' tŏl) terbutryn (tĕr' bŭ' trĭn) TCA triallate (trĭ' ä lăt) tricamba (trĭ' cām' bā) trietazine (trĭ' ĕt' á zĕn) trifluralin (trĭ' flŭr' á lĭn) trimeturon (trĭ' mĕt' ũ rŏn) 2,3,6-TBA ^c 2,4-D 2,4-DB 2,4-DEB 2,4-DEP 2,4-DP (see dichlorprop) 2,4,5-T 2,4,5-TES	3'-chloro-2-methyl- <i>p</i> -valerotoluidide methyl 3,4-dichlorocarbanilate 1-(5- <i>tert</i> -butyl-1,3,4-thiadiazol-2-yl)-1,3-dimethylurea 3- <i>tert</i> -butyl-5-chloro-6-methyluracil 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- <i>o</i> -anisic acid 2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine 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-trichlorobenzoic acid (2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butyric acid 2-(2,4-dichlorophenoxy)ethyl benzoate tris[2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid sodium 2-(2,4,5-trichlorophenoxy)ethyl sulfate
vernolate (vĕr' nŏ lăt)	<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 if written on the 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.