

Common Name or Designation	Chemical Name
isopropalin (ī-sō- 'prōp-ə-lin) isouron (ī-sō- 'ū-ron)	2,6-dinitro- <i>N,N</i> -dipropylcumidine <i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
karbutilate (kär- 'bū-tā-lāt)	<i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil ('len-ə-sil) linuron ('lin-ū-ron)	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 ('mek-ō-prop) mefluidide (me- 'flōō-i-dīd) methalpropalin (meth-əl- 'prō-pə-lin) metham ('meth-am) methazole ('meth-ə-zōl) metolachlor (mə- 'tol-ə-klōr) metribuzin ('me-tri- 'bū-zōn) MH molinate ('mō-lin-āt) monolinuron (mon-ō- 'lin-ū-ron) monuron ('mon-ū-ron) monuron TCA 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 <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-methylethyl)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 methanearsonate
napropamide (na- 'prō-pə-mīd) naptalam ('nap-tā-lam) neburon ('neb-ū-ron) nitralin ('nī-trā-lin) nitrofen ('nī-trō-fen) nitrofluorfen (nī-trō- 'flōōr-fen) norea (nō- 'Yē-ə) norflurazon (nōr- 'flur-ə-zōn)	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 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 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 (ō- 'rīz-ə-lin) oxadiazon (oks-ə- 'dī-ə-zōn) oxyfluorfen (oks-ē- 'flōōr-fen)	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 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə kwāt) PBA pebulate ('peb-ū-lāt) pendimethalin (pen-dī- 'meth-ə-lin) perfluidone (pēr- 'flōō-i-dōn) phenmedipham (fen- 'med-ə-fam) picloram ('pik-lō-ram) procyazine (prō- 'sī-ə-zēn) prodiamine (prō- 'dī-ə-mēn) profluralin (prō- 'flur-ə-lin) prometon ('prō-mə-ton) prometryn ('prō-mə-trīn) pronamide ('prō-nə-mīd) propachlor ('prō-pə-klōr) propanil ('prō-pə-nīl) propazine ('prō-pə-zēn) propham ('prō-fam) prosulfalin (prō- 'sul-fə-lin) prynachlor ('prī-nə-klōr) pyrazon ('pī-rə-zōn)	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 2,4-dinitro- <i>N</i> ³ , <i>N</i> ³ -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine <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- 'bū-mə-ton) siduron ('sid-ū-ron) silvex ('sil-veks) simazine ('sim-ə-zēn) simetryn ('sim-ə-trīn)	<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 (teb-ū- 'thī-ū-ron) terbacil ('tur-bə-sil) terbuchlor ('tur-bū-klōr) terbuthylazine (tur-bū- 'thī-lə-zēn) terbutol ('tur-bū-tol) terbutryn ('tur-bū-trīn) tetrafluron (te-trə- 'flōō-ron) thiobencarb (thī-ō- 'ben-kärb) triallate ('trī-ə-lāt) triclopyr ('trī-klō-pīr) trifluralin (trī- 'flur-ə-lin) trimeturon (trī- 'met-ū-ron)	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 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 ^b 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 <i>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate ('vur-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
xylochlor ('xī-lə-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in *WEEDS* 14(4), 1966 and *Weed Science* 23(1), 1975.

^bThis herbicide usually is available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer mixture specified and the sources of the experimental chemicals given.