



Common Name or Designation	Chemical Name
isopropalin (i-sō-prōp-ə-lin) isouron (i-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 (kār-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-prōp-ə-lin) metham ('meth-am) methazole ('meth-ə-zōl) metolachlor (mā-'tol-ə-klōr) metribuzin ('me-tri-'bū-zən) MH molate ('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 5-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-'prōp-ə-mīd) naptalam ('nap-tā-lam) neburon ('neb-ū-ron) nitralin ('nī-trā-lin) nitrofen ('nī-trō-fen) nitroflurufen (nī-trō-'flōōr-fen) norea (nō-'rē-ə) norflurazon (nōr-'flūr-ə-zon)	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 (ō-'rīz-ə-lin) oxadiazon (oks-ə-'dī-ə-zon) oxyfluorfen (oks-'flōōr-fen)	3,5-dinitro- <i>N</i> <sup>4</sup> , <i>N</i> <sup>6</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 ('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-rām) procyazine (prō-'sī-ə-zēn) prodiamine (prō-'dī-ə-mēn) profluralin (prō-'flūr-ə-lin) prometon ('prō-mə-ton) prometryn ('prō-mā-trīn) pronamide ('prō-nā-mīd) propachlor ('prō-pā-klōr) propanil ('prō-pā-nīl) propazine ('prō-pā-zēn) propham ('prō-fam) prosulfalin (prō-'sul-fā-lin) prynachlor ('prī-nā-klōr) pyrazon ('pī-rā-zon)	1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid 5-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-trichloropropionic acid 2-[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile 2,4-dinitro- <i>N</i> <sup>3</sup> , <i>N</i> <sup>5</sup> -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine <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-propynylbenzamide 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 ('tēr-bā-sil) terbuchlor ('tēr-bū-klōr) terbuthylazine (tēr-bū-'thī-lā-zēn) terbutol ('tēr-bū-tol) terbutryn ('tēr-bū-trīn) tetrafluron (te-trā-'flōō-ron) thiobencarb (thī-ō-'ben-kārb) triallate ('trī-ə-lāt) triclopyr ('trī-klō-pīr) trifluralin (trī-'flūr-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 $\alpha,\alpha,\alpha$ -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 <i>tris</i> [2-(2,4-dichlorophenoxy)ethyl]phosphite (2,4,5-trichlorophenoxy)acetic acid
vernolate ('vēr-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
xylachlor ('zī-lā-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

<sup>a</sup>Herbicides no longer in use in USA are omitted. Complete listing, including these, is in *WEEDS* 14(4), 1966 and *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 mixture specified and the sources of the experimental chemicals given.