

**Common Name or Designation      Chemical Name**

imazethapyr (im-a-'zeth-a-pir) (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1*H*-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid  
 ioxynil (i-'oks-i-nil) 4-hydroxy-3,5-diiodobenzonitrile  
 isopropalin (i-'sō-'prōp-a-lin) 4-(1-methylethyl)-2,6-dinitro-*N,N*-dipropylbenzenamine  
 isouron (i-'sō-'ū-ron) *N*'-[5-(1,1-dimethylethyl)-3-isoxazolyl]-*N,N*-dimethylurea  
 isoxaben (i-'soks-a-ben) *N*:[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide

karbutilate (kär-'bū-tā-lāt) 3-[[dimethylamino]carbonyl] amino] phenyl (1,1-dimethylethyl)carbamate  
 lactofen ('lak-to-fen) (±)-2-ethoxy-1-methyl-2-oxoethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate  
 linuron ('lin-ū-ron) *N*'-(3,4-dichlorophenyl)-*N*-methoxy-*N*-methylurea

MAA methylarsonic acid  
 MAMA monoammonium salt of MAA  
 MCPA (4-chloro-2-methylphenoxy)acetic acid  
 MCPB 4-(4-chloro-2-methylphenoxy)butanoic acid  
 mecoprop ('mek-ō-prop) (±)-2-(4-chloro-2-methylphenoxy)propanoic acid  
 mefluidide (me-'flōd-i-did) *N*:[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl] amino] phenyl] acetamide  
 metham ('meth-am) methylcarbamodithioic acid  
 methazole ('meth-a-zōl) 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione  
 metolachlor (mā-'tōl-a-klōr) 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-(2-methoxy-1-methylethyl)acetamide  
 metribuzin ('me-tri-'bū-zan) 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4*H*)-one  
 metsulfuron (met-'sul-fū-ron) 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl] benzoic acid  
 MH 1,2-dihydro-3,6-pyridazinedione  
 molinate ('mō-lin-āt) *S*-ethyl hexahydro-1*H*-azepine-1-carbothioate  
 monuron ('mon-ū-ron) *N*'-(4-chlorophenyl)-*N,N*-dimethylurea  
 monuron TCA ('mon-ū-ron) Salt of monuron and TCA  
 MSMA monosodium salt of MAA

napropamide (na-'prō-pā-mīd) *N,N*-diethyl-2-(1-naphthalenyloxy)propanamide  
 naptalam ('nap-tā-lam) 2-[(1-naphthalenylamino)carbonyl] benzoic acid  
 nitrofen ('ni-trō-fen) 2,4-dichloro-1-(4-nitrophenoxy)benzene  
 norea (nōr-'ē-a) *N,N*-dimethyl-*N*'-(octahydro-4,7-methano-1*H*-inden-5-yl)urea 3α,4α,5α,7α-isomer  
 norflurazon (nōr-'flur-a-zon) 4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2*H*)-pyridazinone

oryzalin (ō-'rīz-a-lin) 4-(dipropylamino)-3,5-dinitrobenzenesulfonamide  
 oxadiazon (ōks-a-'dī-a-zon) 3-(2,4-dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3*H*)-one  
 oxyfluorfen (ōks-ē-'flōr-fen) 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene

paraquat ('pār-a-kwāt) 1,1'-dimethyl-4,4'-bipyridinium ion  
 pebulate ('peb-ū-lāt) *S*-propyl butylethylcarbamothioate  
 pendimethalin (pen-'dī-'meth-a-lin) *N*-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine  
 perfluidone (pär-'flōd-i-dōn) 1,1,1-trifluoro-*N*-[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide  
 phenmedipham (fen-'med-a-fam) 3-[[methoxycarbonyl]amino] phenyl (3-methylphenyl)carbamate  
 picloram ('pik-lō-rām) 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid  
 profluralin (prō-'flur-a-lin) *N*-(cyclopropylmethyl)-2,6-dinitro-*N*-propyl-4-(trifluoromethyl)benzenamine  
 prometon ('prō-mā-ton) 6-methoxy-*N,N*'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine  
 prometryn ('prō-mā-trīn) *N,N*'-bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine  
 pronamide ('prō-nā-mīd) 3,5-dichloro-*N*-(1,1-dimethyl-2-propynyl)benzamide  
 propachlor ('prō-pā-klōr) 2-chloro-*N*-(1-methylethyl)-*N*-phenylacetamide  
 propanil ('prō-pā-nil) *N*-(3,4-dichlorophenyl)propanamide  
 propazine ('prō-pā-zēn) 6-chloro-*N,N*'-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine  
 propham ('prō-fam) 1-methylethyl phenylcarbamate  
 pyrazon ('pi-rā-zon) 5-amino-4-chloro-2-phenyl-3(2*H*)-pyridazinone

quizalofop (quiz-'al-ō-fop) (±)-2-[4[(6-chloro-2-quinoxalinyloxy] phenoxy] propanoic acid  
 sethoxydim (seth-'ōks-ē-dim) 2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one  
 siduron ('sid-ū-ron) *N*-(2-methylcyclohexyl)-*N*'-phenylurea  
 simazine ('sim-a-zēn) 6-chloro-*N,N*'-diethyl-1,3,5-triazine-2,4-diamine  
 sulfometuron (sul-'fō-'met-ū-ron) 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino] carbonyl] amino] sulfonyl] benzoic acid

TCA trichloroacetic acid  
 tebuthiuron (teb-ū-'thī-ū-ron) *N*-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-*N,N*'-dimethylurea  
 terbacil ('tär-bā-sil) 5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1*H*,3*H*)-pyrimidinedione  
 terbutryn ('tär-bū-trīn) *N*-(1,1-dimethylethyl)-*N*'-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine  
 thiameturon (thī-'ā-'met-ū-ron) 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]-2-thiophenecarboxylic acid  
 thiobencarb (thī-'ō-'ben-kärb) *S*-[[4-(chlorophenyl)methyl] diethylcarbamothioate  
 triallate ('trī-āl-lāt) *S*-(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate  
 triclopyr ('trī-klō-pir) [(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid  
 tridiphane ('tri-dī-fām) 2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane  
 trifluralin (trī-'flur-a-lin) 2,6-dinitro-*N,N*-dipropyl-4-(trifluoromethyl)benzenamine

2,4-D (2,4-dichlorophenoxy)acetic acid  
 2,4-DB 4-(2,4-dichlorophenoxy)butanoic acid

vernolate ('vür-nō-lāt) *S*-propyl dipropylcarbamothioate  
 xylachlor ('zī-lā-klōr) 2-chloro-*N*-(2,3-dimethylphenyl)-*N*-(1-methylethyl)acetamide

**Common and Chemical Names of Herbicide Modifiers**

cyometrinil (sī-'ō-'met-rī-nil) (2)-α[(cyanomethoxy)imino] benzeneacetonitrile  
 dichloramid ('dī-klōr-mid) 2,2-dichloro-*N,N*-di-2-propenylacetamide  
 dietholate ('dī-ēth-ō-lāt) *O,O*-diethyl *O*-phenyl phosphorothioate  
 flurazole ('flur-a-zōl) phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate  
 mephenate ('mef-a-nāt) 4-chlorophenyl methylcarbamate

\*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