


STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

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Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈʃe-tə-klɔr)	2-chloro- <i>N</i> -(ethoxymethyl)- <i>N</i> -(2-ethyl-6-methylphenyl)acetamide
acifluorfen (as-ē-ˈflɔr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrɔ-lē-ən)	2-propenal
alachlor (ˈal-ə-klɔr)	2-chloro- <i>N</i> -(2,6-diethylphenyl)- <i>N</i> -(methoxymethyl)acetamide
ametryn (ˈam-ə-trɪn)	<i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
amitrole (ˈam-ə-trɔl)	1 <i>H</i> -1,2,4-triazol-3-amine
AMS	ammonium sulfamate
asulam (ˈaz-ū-lam)	methyl[(4-aminophenyl)sulfonyl] carbamate
atrazine (ˈa-trə-zēn)	6-chloro- <i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-1,3,5-triazine-2,4-diamine
barban (ˈbār-ban)	4-chloro-2-butynyl 3-chlorophenylcarbamate
benefin (ˈben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine
bensulide (ˈben-sə-līd)	<i>O,O</i> -bis(1-methylethyl) <i>S</i> -[2-[(phenylsulfonyl)amino] ethyl] phosphorodithioate
bentazon (ˈben-tə-zon)	3-(1-methylethyl)-(1 <i>H</i>)-2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzofluor (ˈben-zō-flōr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl] methanesulfonamide
benzoylprop (ˈben-zō-il-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbi-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrɔm-ə-sil)	5-bromo-6-methyl-3-(1-methylpropyl)-2,4-(1 <i>H</i> ,3 <i>H</i>)pyrimidinedione
bromoxynil (brɔm-ˈoks-i-nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (ˈbū-tə-klɔr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -(2,6-diethylphenyl)acetamide
buthiazole (bū-ˈthid-ə-zɔl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (ˈbū-ti-lāt)	<i>S</i> -ethyl bis(2-methylpropyl)carbamothioate
cadodylic acid (ˈka-kō-ˈdīl-ik-ˈas-id)	dimethyl arsenic acid
CDA	2-chloro- <i>N,N</i> -di-2-propenylacetamide
chloramben (klɔr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chloroxuron (klɔr-ˈoks-ū-ron)	<i>N'</i> -[4-(4-chlorophenoxy)phenyl]- <i>N,N</i> -dimethylurea
chlorpropham (klɔr-ˈprɔ-fam)	1-methylethyl 3-chlorophenylcarbamate
chlorsulfuron (klɔr-ˈsul-fū-ron)	2-chloro- <i>N</i> -[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] benzenesulfonamide
cinmethylin (sɪn-ˈmeth-ə-lin)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
cloproxydim (klɔ-ˈprāk-sə-dim)	(<i>E,E</i>)-2-[1-[[3-(3-chloro-2-propenyl)oxy]imino] butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cylcohexen-1-one
clopyralid (klɔ-ˈpī-rə-lid)	3,6-dichloro-2-pyridinecarboxylic acid
CMA	calcium salt of MAA
cyanazine (sī-ˈan-ə-zēn)	2-[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl] amino]-2-methylpropanenitrile
cycloate (ˈsī-klɔ-āt)	<i>S</i> -ethyl cyclohexylethylcarbamothioate
dalapon (ˈdal-ə-pon)	2,2-dichloropropanoic acid
dazomet (ˈdaz-ə-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dez-ˈmed-ə-fam)	ethyl [3-[[[(phenylamino)carbonyl] oxy] phenyl] carbamate
diallate (ˈdī-ə-lāt)	<i>S</i> -(2,3-dichloro-2-propenyl) bis(1-methylethyl)carbamothioate
dicamba (dī-ˈkam-bə)	3,6-dichloro-2-methoxybenzoic acid
dichlobenil (dī-klɔ-ˈben-əl)	2,6-dichlorobenzotrile
dichlorprop (ˈdī-klɔr-prop)	(±)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdī-klɔ-fop)	(±)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethyl (dī-ˈeth-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-ˈfen-zō-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-ˈnīt-rə-mēn)	<i>N</i> ³ , <i>N</i> ³ -diethyl-2,4-dinitro-6-(trifluoromethyl)-1,3-benzenediamine
dinoseb (ˈdī-nō-seb)	2-(1-methylpropyl)-4,6-dinitrophenol
diphenamid (dī-ˈfen-ə-mid)	<i>N,N</i> -dimethyl- α -phenyl benzenacetamide
dipropetryn (dī-ˈprɔp-ə-trɪn)	6-(ethylthio)- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
diquat (ˈdī-kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- <i>c</i>] pyrazinedium ion
diuron (ˈdī-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N,N</i> -dimethylurea
DSMA	disodium salt of MAA
endothall (ˈen-də-thol)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropyl carbamothioate
ethalfuralin (eth-əl-ˈflur-ə-lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-ˈfū-mə-sat)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfen-ak)	2,3,6-trichlorobenzenoacetic acid
fenoxaprop (fen-ˈoks-ə-prop)	(±)-2-[4-[(6-chloro-2-benzoxazolyl)oxy] phenoxy] propanoic acid
fenuron TCA (ˈfen-ū-ron)	Salt of fenuron and TCA
flamprop (ˈflam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluazifop (flō-ˈaz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flō-ˈklɔr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flō-ō-ˈmet-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(trifluoromethyl)phenyl] urea
fluorochloridone (flō-ō-ˈklɔr-ə-don)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluridone (ˈflur-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fomesafen (fō-ˈmes-ə-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (ˈfɔs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
haloxyfop (ha-ˈlɔks-ē-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
hexaflurate (heks-ə-ˈflur-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈaz-ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
imazaquin (ī-ˈmaz-ə-kwɪn)	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-quinolinecarboxylic acid
ioxynil (ī-ˈɔks-i-nīl)	4-hydroxy-3,5-diiodobenzotrile
isopropalin (ī-sō-ˈprɔp-ə-lin)	4-(1-methylethyl)-2,6-dinitro- <i>N,N</i> -dipropylbenzenamine

PRONUNCIATION KEY: āpe, fat, cār, bâre, ēvil, ten; bīte, is; gō, lot, oil, out, tōōl, look; cūre, cup, tūrēn; ə = a in ago.

Common Name or Designation	Chemical Name
isouron (i-sō-ū-ron)	<i>N</i> '-[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-sok-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär- 'bū-tā-lāt)	3-[[dimethylamino]carbonyl] amino] phenyl (1,1-dimethylethyl)carbamate
linuron ('lin-ū-ron)	<i>N</i> '-(3,4-dichlorophenyl)- <i>N</i> -methoxy- <i>N</i> -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- 'flōō-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl] amino] phenyl] acetamide
metham ('meth-am)	methylcarbamodithioic acid
methazole ('meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mā- 'tōl-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri- 'bū-zēn)	4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i>)-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)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monuron TCA ('mon-ū-ron)	Salt of monuron and TCA
MSMA	monosodium salt of MAA
napropamide (na- 'prō-pā-mīd)	<i>N,N</i> -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-ə)	<i>N,N</i> -dimethyl- <i>N</i> '-(octahydro-4,7-methano-1 <i>H</i> -inden-5-yl)urea 3α,4α,5α,7α,7α-isomer
norflurazon (nōr- 'flur-ə-zon)	4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō- 'rīz-ə-lin)	4-(dipropylamino)-3,5-dinitrobenzenesulfonamide
oxadiazon (oks-ə- 'dī-ə-zon)	3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3 <i>H</i>)-one
oxyfluorfen (oks-ē- 'flōōr-fen)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə-kwāt)	1,1'-dimethyl-4,4'-bipyridinium ion
pebulate ('peb-ū-lāt)	<i>S</i> -propyl butylethylcarbamothioate
pendimethalin (pen-dī- 'meth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pūr- 'flōō-i-dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fen- 'med-ə-fam)	3-[(methoxycarbonyl)amino] phenyl (3-methylphenyl)carbamate
picloram ('pik-lō-ram)	4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid
profluralin (prō- 'flur-ə-lin)	<i>N</i> -(cyclopropylmethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
prometon ('prō-mə-ton)	6-methoxy- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
prometryn ('prō-mə-trīn)	<i>N,N'</i> -bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
pronamide ('prō-nā-mīd)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor ('prō-pā-klōr)	2-chloro- <i>N</i> -(1-methylethyl)- <i>N</i> -phenylacetamide
propanil ('prō-pā-nīl)	<i>N</i> -(3,4-dichlorophenyl)propanamide
propazine ('prō-pā-zēn)	6-chloro- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
propham ('prō-fam)	1-methylethyl phenylcarbamate
pyrazon ('pī-rā-zon)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
sethoxydim (seth-'oks-ē-dim)	2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
siduron ('sid-ū-ron)	<i>N</i> -(2-methylcyclohexyl)- <i>N'</i> -phenylurea
simazine ('sim-ə-zēn)	6-chloro- <i>N,N'</i> -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)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil ('tūr-bā-sil)	5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i>)-pyrimidinedione
terbutryn ('tūr-bū-trīn)	<i>N</i> -(1,1-dimethylethyl)- <i>N'</i> -ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
thiobencarb (thī-ō- 'ben-kārb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
triallate ('trī-ā-lāt)	<i>S</i> -(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate
triclopyr ('trī-klō-pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
tridiphane ('trī-dī-fān)	2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trifluralin (trī- 'flur-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropyl-4-(trifluoromethyl)benzenamine
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
vernolate ('vūr-nō-lāt)	<i>S</i> -propyl dipropylcarbamothioate
xylachlor ('zī-lā-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

Common and Chemical Names of Herbicide Modifiers

cyometrinil (sī-ō- 'met-ri-nīl)	(<i>Z</i>)-α[(cyanomethoxy)imino] benzeneacetoneitrile
dichlormid ('dī-klōr-mīd)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide
dietholate ('dī-eth-ō-lāt)	<i>O,O</i> -diethyl <i>O</i> -phenyl phosphorothioate
flurazole ('flur-ə-zōl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate ('mef-ə-nāt)	4-chlorophenyl methylcarbamate

^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.