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Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈtʃe-tə-klɔr)	2-chloro- <i>N</i> -(ethoxymethyl)-6-ethyl- <i>o</i> -acetotoluidide
acifluorfen (as-ē-ˈflōr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrō-lē-ən)	acrolein
alachlor (ə-ˈlɑ-klɔr)	2-chloro-2',6'-diethyl- <i>N</i> -(methoxymethyl)acetanilide
ametryn (ˈam-ə-trɪn)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
amitrole (ˈam-ə-trɔl)	3-amino- <i>s</i> -triazole
AMS	ammonium sulfamate
asulam (ˈaz-ū-lam)	methyl sulfanilylcarbamate
atrazine (ə-ˈtrɑ-zēn)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine
barban (ˈbär-ban)	4-chloro-2-butynyl <i>m</i> -chlorocarbaniolate
benefin (ˈben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine
bensulfide (ˈben-sə-ˈlɪd)	<i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide
bentazon (ˈben-tə-zon)	3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzadox (ˈben-zə-dɔks)	(benzamidooxy)acetic acid
benzipram (ˈben-zi-pram)	3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide
benzoylprop (ˈben-zō-ɪl-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbɪ-fen-ɔks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrōm-ə-sɪl)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil
bromoxynil (brɒm-ˈɒks-ɪ-nɪl)	3,5-dibromo-4-hydroxybenzoxitrile
butachlor (ˈbū-tə-klɔr)	<i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide
butam (ˈbū-tam)	2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide
buthidazole (bū-ˈθɪd-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butralin (ˈbū-trɑ-lɪn)	4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzenamine
butylate (ˈbū-ti-lāt)	<i>S</i> -ethyl diisobutylthiocarbamate
cadodylic acid (ˈkɑ-kō-ˈdɪl-ɪk-ˈɑs-ɪd)	hydroxydimethylarsine oxide
cambendichlor (kam-ˈben-də-klɔr)	(phenylimino)di-2,1-ethanediyil bis (3,6-dichloro-2-methoxybenzoate)
carbetamide (kär-ˈbet-ə-mɪd)	<i>D,N</i> -ethylacetamide carbanilate (ester)
CDA	<i>N,N</i> -diallyl-2-chloroacetamide
CDEC	2-chloroallyl diethylthiocarbamate
chloramben (klɔr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chlorbromuron (klɔr-ˈbrōm-ū-rɔn)	3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea
chloroxuron (klɔr-ˈɒks-ū-rɔn)	3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea
chlorpropham (klɔr-ˈprɔf-am)	isopropyl <i>m</i> -chlorocarbaniolate
chlorsulfuron (klɔr-ˈsul-fū-rɔn)	2-chloro- <i>N</i> -[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino] carbonyl benzenesulfonamide
cisnilide (sɪs-ˈnɪl-ɪd)	<i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidinecarboxamide
CMA	calcium methanearsonate
cyanazine (sɪ-ˈan-ə-zēn)	2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile
cycloate (ˈsɪ-klō-āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate
cycluron (ˈsɪ-klō-rɔn)	3-cyclooctyl-1,1-dimethylurea
cyperquat (ˈsɪ-pər-kwāt)	1-methyl-4-phenylpyridinium
cyprazine (ˈsɪ-prɑ-zēn)	2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine
cyprazole (ˈsɪ-prɑ-zōl)	<i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide
cypromid (ˈsɪ-prō-mɪd)	3',4'-dichlorocyclopropanecarboxanilide
dalapon (ˈdal-ə-pon)	2,2-dichloropropionic acid
dazomet (ˈdaz-ō-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCPA	dimethyl tetrachloroterephthalate
desmedipham (dez-ˈmed-ə-fam)	ethyl <i>m</i> -hydroxycarbaniolate carbanilate (ester)
desmetryn (ˈdez-mə-trɪn)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (ˈdi-ə-lāt)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate
dicamba (dɪ-ˈkɑm-bə)	3,6-dichloro- <i>o</i> -anisic acid
dichlobenil (dɪ-klō-ˈben-əl)	2,6-dichlorobenzonitrile
dichlorprop (ˈdɪ-klɔr-prop)	2-(2,4-dichlorophenoxy)propionic acid
diclofop (ˈdɪ-klɔf-ɔp)	2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dɪ-ˈeth-ə-tɪl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenopenten (dɪ-fen-ɔ-ˈpen-ten)	4-[4-[4-(trifluoromethyl)phenoxy] phenoxy]-2-pentenoic
difenzoquat (dɪ-ˈfen-zɔ-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dɪ-ˈnɪt-rə-mēn)	<i>N</i> ⁴ , <i>N</i> ⁴ -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine
dinoseb (ˈdɪ-nō-seb)	2- <i>sec</i> -butyl-4,6-dinitrophenol
diphenamid (dɪ-ˈfen-ə-mɪd)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide
dipropetryn (dɪ-ˈprɔp-ə-trɪn)	2-(ethylthio)-4,6-bis (isopropylamino)- <i>s</i> -triazine
diquat (ˈdɪ-kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinediium ion
diuron (ˈdɪ-ū-rɔn)	3-(3,4-dichlorophenyl)-1,1-dimethylurea
DNOC	4,6-dinitro- <i>o</i> -cresol
DSMA	disodium methanearsonate
endothall (ˈen-dō-thol)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylthiocarbamate
erbon (ˈər-bɔn)	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate
ethalfuralin (eth-əl-ˈflər-ə-lɪn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethiolate (e-ˈθɪ-ō-lāt)	<i>S</i> -ethyl diethylthiocarbamate
ethofumesate (eth-ō-ˈfū-mə-sat)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfen-ak)	(2,3,6-trichlorophenyl)acetic acid
fenuron (ˈfen-ū-rɔn)	1,1-dimethyl-3-phenylurea
fenuron TCA	1,1-dimethyl-3-phenylurea mono(trichloroacetate)
flamprop (ˈflam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluchloralin (flōō-ˈklɔr-ə-lɪn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline
fluometuron (flōō-ō-ˈmet-ū-rɔn)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea
fluorodifen (flōōr-ō-ˈdɪ-fen)	<i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> tolylurea
fluridone (ˈflər-ɪ-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fosamine (ˈfos-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglɪ-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
hexaflurate (heks-ə-ˈflər-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈɑz-ə-nōn)	3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione
ioxynil (ɪ-ˈɒks-ɪ-nɪl)	4-hydroxy-3,5-diiodobenzonitrile

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

isopropalin (i-sō' prōp-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropylcumidine
isouron (i-sō' ū-ron)	<i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
karbutilate (kär' bū-tā-lāt)	<i>tert</i> -butylcarbamie acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea
lenacil ('len-ə-sil)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
linuron ('lin-ū-ron)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
MAA	methanearsonic acid
MAMA	monoammonium methanearsonate
MC/PA	[(4-chloro- <i>o</i> -tolyl)oxy]acetic acid
MC/PB	4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid
mecoprop ('mek-ō-prop)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
mefluidide (me- flōō-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl]amino]phenyl]acetamide
methalpropralin (meth-əl' prōp-ə-lin)	<i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine
metham ('meth-am)	sodium methylthiocarbamate
methazole ('meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mə-'tol-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri-'bū-zon)	4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i>)-one
MII	1,2-dihydro-3,6-pyridazinedione
molinate ('mō-lin-āt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monolinuron (mon-ō-'lin-ū-ron)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
monuron ('mon-ū-ron)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
monuron TCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate)
MSMA	monosodium methanearsonate
napropamide (na-'prōp-ə-mīd)	2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide
naptalam ('nap-tā-lam)	<i>N</i> -1-naphthylphthalamic acid
neburon ('neb-ū-ron)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
nitralin ('nī-trā-lin)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
nitrofen ('nī-trō-fen)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
nitrofluorfen (nī-trō-'flōōr-fen)	2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene
noea (nō-'rē-ə)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
norflurazon (nōr-'flur-ə-zon)	4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-'rīz-ə-lin)	3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide
oxadiazon (oks-ə-'dī-ə-zon)	2- <i>tert</i> -butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one
oxyfluorfen (oks-e-'flōōr-fen)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə-kwāt)	1,1'-dimethyl-4,4'-bipyridinium ion
PBA	chlorinated benzoic acid
pebulate ('peb-ū-lāt)	<i>S</i> -propyl butylethylthiocarbamate
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)	methyl <i>m</i> -hydroxycarbamate <i>m</i> -methylcarbanilate
picloram ('pik-lō-rām)	4-amino-3,5,6-trichloropicolinic acid
procyazine (prō-'si-ə-zēn)	2-[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl]amino]-2-methylpropanenitrile
prodiamine (prō-'dī-ə-mēn)	2,4-dinitro- <i>N</i> ³ , <i>N</i> ³ -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine
profluralin (prō-'flur-ə-lin)	<i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine
prometon ('prō-mē-ton)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
prometryn ('prō-mē-trīn)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
pronamide ('pō-nā-mīd)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propenyl)benzamide
propachlor ('prō-pā-klōr)	2-chloro- <i>N</i> -isopropylacetanilide
propanil ('prō-pā-nīl)	3',4'-dichloropropionanilide
propazine ('prō-pā-zēn)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
propham ('prō-fam)	isopropyl carbanilate
prosulfallin (prō-'sul-fā-lin)	<i>N</i> -[4-(dipropylamino)-3,5-dinitrophenyl]sulfonyl]- <i>S,S</i> -dimethylsulfilimide
prynachlor ('prī-nā-klōr)	2-chloro- <i>N</i> -(1-methyl-2-propenyl)acetanilide
pyrazon ('pī-rā-zon)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
seebumeton (sek-'bū-mē-ton)	<i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine
siduron ('sid-ū-ron)	1-(2-methylcyclohexyl)-3-phenylurea
silvex ('sil-vek-s)	2-(2,4,5-trichlorophenoxy)propionic acid
simazine ('sim-ə-zēn)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
simetryn ('sim-ə-trīn)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
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 ('ter-bā-sil)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
terbuchlor ('ter-bū-klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl]acetamide
terbuthylazine (ter-bū-'thī-lā-zēn)	2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine
terbutol ('ter-bū-tol)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
terbutryn ('ter-bū-trīn)	2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine
tetrafluron (te-trā-'flōō-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl]urea
thiobencarb (thī-ō-'ben-kārb)	<i>S</i> -[(4-chlorophenyl)methyl]diethylcarbamothioate
triallate ('trī-lāt)	<i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate
triclopyr ('trī-klō-pīr)	[(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid
trifluralin (trī-'flur-ə-lin)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
trimeturon (trī-'met-ū-ron)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpsudourea
2,3,6-TBA ^b	2,3,6-trichlorobenzoic acid
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
2,4-DEP	<i>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
vernolate ('ver-nō-lāt)	<i>S</i> -propyl dipropylthiocarbamate
xylachlor ('xī-lā-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.