Common and Chemical Names of Herbicides

Common name	Other designation(s)	Chemical name[a]
A		
acrolein (á krō′lē ĭn)		acrylaldehyde
ametryne (ăm′ĕ trĭn)		2-ethylamino-4-isopropylamino-6-methylmercapto-*s*-triazine
amiben (ăm′ĭ bĕn)		3-amino-2,5-dichlorobenzoic acid
amitrole (ăm′ĭ trōl)		3-amino-1,2,4-triazole
	AMS	ammonium sulfamate
atratone (ă′tră tōn)		2-methoxy-4-ethylamino-6-isopropylamino-*s*-triazine
atrazine (ă′tră zēn)		2-chloro-4-ethylamino-6-isopropylamino-*s*-triazine
B		
barban (bär′băn)		4-chloro-2-butynyl *m*-chlorocarbanilate
bensulide (bĕn′sŭl īd)	R-4461	*N*-(2-mercaptoethyl)benzenesulfonamide *S*-(*O*,*O*-diisopropyl phosphorodithioate)
	BCPC	*sec*-butyl *N*-(3-chlorophenyl)carbamate
bromacil (brō′mă sĭl)		5-bromo-3-*sec*-butyl-6-methyluracil
buturon (bū′tŭ rŏn)	H-95-1	3-(*p*-chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea
C		
cacodylic acid (că′cō dĭl′ĭc)		dimethylarsinic acid
	CDAA	2-chloro-*N*,*N*-diallylacetamide
	CDEA	2-chloro-*N*,*N*-diethylacetamide
	CDEC	2-chloroallyl diethyldithiocarbamate
	CEPC	2-chloroethyl *N*-(3-chlorophenyl)carbamate
chlorazine (klō′ră zēn)		2-chloro-4,6-bis(diethylamino)-*s*-triazine
chloroxuron (klōr′ŏx ū rŏn)		*N*′-(4-chlorophenoxy)phenyl-*N*,*N*-dimethylurea
	CIPC	isopropyl *N*-(3-chlorophenyl)carbamate
	CMA	calcium acid methanearsonate
	CPMF	1-chloro-*N*-(3,4-dichlorophenyl)-*N*,*N*-dimethylformamidine
	CPPC	1-chloro-2-propyl *N*-(3-chlorophenyl) = carbamate
cycluron (sī′klū rŏn)	OMU	3-cyclooctyl-1,1-dimethylurea
cypromid (sī′prō mĭd)	S-6000	3′,4′-dichlorocyclopropanecarboxanilide
D		
dalapon (dăl′ă pŏn)		2,2-dichloropropionic acid
	DCB	*o*-dichlorobenzene
	DCPA, DAC893	dimethyl 2,3,5,6-tetrachloroterephthalate
	DCU	dichloral urea
desmetryne (dĕs′mĕ trĭn)		2-isopropylamino-4-methylamino-6-methylthio-*s*-triazine
diallate (dī ăl′lāt)	DATC, CP15336	*S*-2,3-dichloroallyl *N*,*N*-diisopropylthiol = carbamate
dicamba (dī kăm′bă)		2-methoxy-3,6-dichlorobenzoic acid
dichlobenil (dī′clō bĕn′ĭl)		2,6-dichlorobenzonitrile
dichlorprop (dī chlōr′prŏp) 2,4-DP		2-(2,4-dichlorophenoxy)propionic acid
dichlone (dī′klōn)		2,3-dichloro-1,4-naphthoquinone
dicryl (dī′crĭl)	N-4556	3′,4′-dichloro-2-methylacrylanilide
	DIPA	*P*,*P*-dibutyl-*N*,*N*-diisopropylphosphinic amide
diphenamid (dī fĕn′ă mĭd)		*N*,*N*-dimethyl-2,2-diphenylacetamide
diphenatrile (dī fĕn′ă trĭl)		diphenylacetonitrile
dipropalin (dī prō′pă lĭn)		*N*,*N*-dipropyl-2,6-dinitro-*p*-toluidine
diquat (dī′kwăt)		6,7-dihydrodipyrido[1,2-*a*:2′,1′-*c*] = pyrazidiinium salt
diuron (dī′ū rŏn)		3-(3,4-dichlorophenyl)-1,1-dimethylurea
	DMPA	*O*-(2,4-dichlorophenyl) *O*-methyl isopropylphosphoramidothioate
	DMTT	3,5-dimethyltetrahydro-1,3,5,2*H*-thiadiazine-2-thione
	DNAP	4,6-dinitro-*o*-*sec*-amylphenol
	DNBP	4,6-dinitro-*o*-*sec*-butylphenol
	DNC	3,5-dinitro-*o*-cresol
	DSMA	disodium methanearsonate
E		
	EBEP	ethyl bis(2-ethylhexyl)phosphinate
endothall (ĕnd′ō thăl)		7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
	EPTC	ethyl *N*,*N*-dipropylthiolcarbamate
erbon (ûr′bŏn)		2-(2,4,5-trichlorophenoxy)ethyl-2,2-dichloropropionate
	EXD	ethyl xanthogen disulfide
F		
fenac (fĕn′ăc)		2,3,6-trichlorophenylacetic acid
fenuron (fĕn′ū rŏn)		3-phenyl-1,1-dimethylurea
fenuronTCA		3-phenyl-1,1-dimethylurea trichloroacetate
	4-CPA	4-chlorophenoxyacetic acid
	4-CPB	4-(4-chlorophenoxy)butyric acid
	4-CPP	2-(4-chlorophenoxy)propionic acid
G		
	G-30026	2-chloro-4-isopropylamino-6-methylamino-*s*-triazine
	G-31717	2-diethylamino-4-isopropylamino-6-methoxy-*s*-triazine
	G-32292	2-isopropylamino-4-methoxy-6-methylamino-*s*-triazine
	G-34360	2-isopropylamino-4-methylamino-6-methylmercapto-*s*-triazine
H		
	HCA	hexachloroacetone
I		
ioxynil (ī ŏx′ĭ nĭl)		3,5-diiodo-4-hydroxybenzonitrile
ipazine (ĭ′pă zēn)		2-chloro-4-diethylamino-6-isopropylamino-*s*-triazine
	IPC	isopropyl *N*-phenylcarbamate
	IPX	isopropylxanthic acid
isocil (ī′sō sĭl)		5-bromo-3-isopropyl-6-methyluracil
K		
	KOCN	potassium cyanate
L		
linuron (lĭn′ū rŏn)		3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
M		
	MAA	methanearsonic acid
	MAMA	monoammonium methanearsonate
	MCPA	2-methyl-4-chlorophenoxyacetic acid
	MCPB	4-(2-methyl-4-chlorophenoxy)butyric acid
	MCPES	sodium 2-methyl-4-chlorophenoxyethyl sulfate
mecoprop (mĕ′cō prŏp)	MCPP	2-(2-methyl-4-chlorophenoxy)propionic acid
	MH	1,2-dihydropyridazine-3,6-dione (maleic hydrazide)
molinate (mōl′ĭ nāt)	R-4572	*S*-ethyl hexahydro-1 *H*-azepine-1-car = bothioate
monolinuron (mŏn′ō lĭn′ū rŏn)		3-(4-chlorophenyl)-1-methoxy-1-methylurea
monuron (mŏn′ū rŏn)		3-(*p*-chlorophenyl)-1,1-dimethylurea
monuronTCA		3-(*p*-chlorophenyl)-1,1-dimethylurea trichloroacetate
	MSMA	monosodium acid methanearsonate
N		
neburon (nĕb′ū rŏn)		1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
norea (nō rē′uh)		3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
	NPA	*N*-1-naphthylphthalamic acid
O		
	OCH	octachlorocyclohexenone
P		
paraquat (pâr′ă kwăt)		1,1′-dimethyl-4,4′-bipyridinium salt
	PBA	polychlorobenzoic acid
	PCP	pentachlorophenol
pebulate (pĕb′ū lāt)	PEBC, R-2061	*S*-propyl butylethylthiocarbamate
picloram (pĭc′lôr ăm)		4-amino-3,5,6-trichloropicolinic acid
	PMA	phenylmercuric acetate
prometone (prō′mĕ tōn)		2-methoxy-4,6-bis(isopropylamino)-*s*-triazine
prometryne (prō′mĕ trĭn)		2,4-bis(isopropylamino)-6-methylmercapto-*s*-triazine
propanil (prō′pă nĭl)	DPA	3′,4′-dichloropropionanilide
propazine (prō′pă zēn)		2-chloro-4,6-bis(isopropylamino)-*s*-triazine
pyrazon (pī′ră zŏn)	PCA, H-119-1	5-amino-4-chloro-2-phenyl-3(2*H*)-pyridazinone
pyriclor		2,3,5-trichloro-4-pyridinol.
S		
sesone (sĕs′ōn)		sodium 2,4-dichlorophenoxyethyl sulfate
siduron (sid′ū rŏn)		1-(2-methylcyclohexyl)-3-phenylurea
silvex (sĭl′vĕks)		2-(2,4,5-trichlorophenoxy)propionic acid
simazine (sĭm′ăzēn)		2-chloro-4,6-bis(ethylamino)-*s*-triazine
simetone (sĭm′ĕtōn)		2-methoxy-4,6-bis(ethylamino)-*s*-triazine
simetryne (sĭm′ĕ trĭn)		2,4-bis(ethylamino)-6-methylmercapto-*s*-triazine
	SMDC	sodium *N*-methyldithiocarbamate
solan (so′lăn)		3′-chloro-2-methyl-*p*-valerotoluidide
swep (swĕp)		methyl 3,4-dichlorocarbanilate
T		
	TCA	trichloroacetic acid
	TCBA	trichlorobenzene
triallate (trī ăl′lāt)		*S*-2,3,3-trichloroallyl *N*,*N*-diisopropyl = thiolcarbamate
tricamba (trī kăm′bá)		2-methoxy-3,5,6-trichlorobenzoic acid
trietazine (trī′ĕ tă zēn)		2-chloro-4-diethylamino-6-ethylamino-*s*-triazine
trifluralin (trī flūr′ă lĭn)		α,α,α-trifluoro-2,6-dinitro-*N*,*N*-dipropyl-*p*-toluidine
trimeturon (trī mĕt′ū rŏn)		
	B-40557	1-(*p*-chlorophenyl)-2,3,3-trimethyl = pseudourea or *N*-(*p*-chlorophenyl)-*O*,*N*′,*N*′-trimethyl = isourea
	2,2,3-TPA	2,2,3-trichloropropionic acid
	2,3,5,6-TBA[b]	2,3,5,6-tetrachlorobenzoic acid
	2,3,6-TBA[b]	2,3,6-trichlorobenzoic acid
	2,4-D	2,4-dichlorophenoxyacetic acid
	2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
	2,4-DEB	2,4-dichlorophenoxyethyl benzoate
	2,4-DEP	tris(2,4-dichlorophenoxyethyl) phosphite
	2,4,5-T	2,4,5-trichlorophenoxyacetic acid
	2,4,5-TB	4-(2,4,5-trichlorophenoxy)butyric acid
	2,4,5-TES	sodium 2,4,5-trichlorophenoxyethyl sulfate
	3,4-DA	3,4-dichlorophenoxyacetic acid
	3,4-DB	4-(3,4-dichlorophenoxy)butyric acid
	3,4-DP	2-(3,4-dichlorophenoxy)propionic acid
V		
vernolate (vĕrn′ō lāt)	R-1607	*S*-propyl dipropylthiocarbamate

[a]As tabulated in this paper, a chemical name occupying two lines separated by an equal (=) sign is joined together without any separation if written on one line.

[b]These herbicides usually are available as mixed isomers. When possible the isomers should be identified, the amount of each isomer in the mixture specified and the source of the experimental chemicals given.

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2. Materials, manner of use, principal findings, and results.
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4. New apparatus, its intended use, and if commercially available, name and address of its manufacturer.
5. New or verified data of permanent value, e.g., absorption spectra, chromosome number, constants, mathematical or chemical formulae.
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7. New theories, new interpretations, evaluations, if possible; if not, reference to them.

Omit:

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FORM

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