

Directions for Contributors to WEED SCIENCE

Manuscripts concerning weeds or weed control are eligible for publication in WEED SCIENCE when at least one author is an active member of WSSA. Field experiments should have been continued for at least two years or conducted at two or more widely separated locations to justify publication of results. Material reported in a manuscript should constitute a logical unit of related subject matter; progress reports are not acceptable.

All manuscripts should report original material previously unpublished elsewhere; acceptance of individual manuscripts for publication in WEED SCIENCE will be determined by the Editor upon recommendation from the Editorial Committee. Each acceptance is made with the understanding that the manuscript has not been and will not be submitted in total or part for publication elsewhere without prior approval of the Editor of this Journal. However, prior publication in brief progress report or abstract form is permitted when such information is provided the Editor with original submission of the manuscript.

The American Institute of Biological Sciences, 2000 P Street, NW, Washington, D. C. 20036, has published "Style Manual for Biological Journals" for the Conference of Biological Editors. In most respects, WEED SCIENCE follows the recommendations in that Manual except when in conflict with established editorial policy of WEED SCIENCE, these directions, and the latest report of the WSSA Terminology Committee.

Manuscripts. Manuscripts should be presented in duplicate on bond paper; two copies of all figures also are required. DOUBLE SPACE *everything*—title, abstract, text, footnotes, literature cited, captions, and tables. Use lower case letters throughout, including all titles, section headings, and captions, except initial letters of first words and proper nouns. Number all pages consecutively. An additional copy of the manuscript should be retained by the author to insure against loss. A second copy of a manuscript revised after editorial review is not necessary.

Use a title as short as practical, preferably one with a maximum of 50 characters. The author's name(s) should follow the title; the abstract should begin immediately below on the same page before the beginning of the text. The text should be divided into sections, usually with such headings as Introduction, Methods and Materials, Results, and Discussion; Results and Discussion often may be combined profitably into a single section. The sequence of items in the manuscript should be:

1. Title and authors (no separate title page);
2. Abstract;
3. Text;
4. Literature Cited (begin new page);
5. Tables;
6. Captions for figures;
7. Figures.

Do not underscore headings, words, or phrases except as directed elsewhere herein. Measurements, such as time, weight, and degrees, should be in arabic numerals regardless of the number of digits in the number, except as the first word of a sentence. When not one of measurement, figures below 10 should be spelled out except when one figure in a series has two digits, in which case all should be in arabic numerals.

The first mention of a chemical in the abstract and again in the text should include the full chemical name followed immediately by the common name or designation in parentheses; only the common name or designation should be used thereafter. Only common names or designations as shown on the outside back cover of WEED SCIENCE should be used. Trade names should be excluded.

The complete Latin name of all organisms should be shown in parentheses immediately following the common name when first mentioned in the abstract and in the text;

thereafter, only the common name should be used. Nomenclature of weeds should agree with that presented by the WSSA Terminology Committee in WEEDS 14:347-386, 1966; standard taxonomic authorities should be used as a guide in selection of terminology for other plants and all animals.

Footnotes. Use footnotes sparingly and only for items that cannot be included conveniently in the text. Text footnote No. 1 should be or begin with "Received for publication.". The place where the study was conducted and the title and address of the author(s) should be given as footnotes at the bottom of the first page. These and subsequent footnotes to the text should be numbered consecutively throughout the manuscript with superscript arabic numerals. **Acknowledgments.** Acknowledgments should be placed in a text section immediately before the Literature Cited section and not in footnotes.

Figures. Experimental data may be presented in graphic or tabular form, but the same data will not be published in both forms. Photographs should be clear, black and white glossy prints trimmed of unessential portions. *Never* use clips or staples on photographs in any way; put them in an envelope. Place the author's name(s) and figure number on the back of each figure submitted. All legends for figures should be typed on one sheet separate from the figures, and double spaced. Figures should be numbered consecutively in arabic numerals in the sequence of first reference in the text.

Graphs and drawings should be inked with heavy black lines to insure clarity after reduction in size. Hand lettering should be large and made with a lettering guide. Typing and free-hand lettering are not acceptable.

Tables. Type each table double-spaced on a separate sheet. Inside long tables, the lines may be single spaced but not the captions. Tables should be numbered in arabic numerals in the sequence of first reference in the text. In tables, the caption, column headings, and side headings should be in lower case letters with only the first word and proper nouns capitalized. Avoid reporting non-significant decimal places; seldom would more than two digits to the right of the decimal be important. Footnotes to tables must be designated with superscript lower case letters.

Literature Cited. Citations are numbered alphabetically by senior author and the number of the reference is used in the text. Each citation should include names of all authors, year of publication, complete title, publication, volume number, and inclusive pages, in that sequence. When two or more authors are listed, put initials after the name only for the first. (See detailed directions and accepted abbreviations of journals in the Style Manual). Theses and letters, or any other communication or publication not normally available in libraries, should appear as text footnotes and not in the Literature Cited section.

Abstract. An abstract must follow the title and name(s) of the author(s) on page 1 of each manuscript. It should be a non-critical, informative digest of the significant content and conclusions of the paper, not a mere description. It should be intelligible in itself without reference to the original text. It should be brief (preferably less than 3% of the total manuscript), written in whole sentences rather than telegraphic phrases. The abstract should omit titular information, tables and graphs, detailed descriptions of experiments, and long lists of names.

Abbreviations. Abbreviations as listed in the Style Manual should be used except when in conflict with the latest report on abbreviations which will take precedence as published in WEED SCIENCE by the WSSA Terminology Committee.

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name ^b	Common Name or Designation	Chemical Name ^b
A			
acrolein (á krõ'le òn)	acrolein	lenacil (lèn'á cll)	3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopenta-pyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione
ametryne (ám'ý trín)	2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine	linuron (lín'ü rön)	3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea
amiben (ám'ý bèn)	3-amino-2,5-dichlorobenzoic acid	M	
amitrole (ám'ý trõl)	3-amino- <i>s</i> -triazole	MMA	methanearsonic acid
AMS	ammonium sulfate	MAMA	monoammonium methanearsonate
atratone (á'trá tõn)	2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine	MCPA	[(4-chloro- <i>o</i> -tolyl)oxy]acetic acid
atrazine (á'trá zën)	2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine	MCPB	4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid
B			
barban (bár'bän)	4-chloro-2-butynyl <i>m</i> -chlorocarbanilate	MCPES	2-[(4-chloro- <i>o</i> -tolyl)oxy]ethyl sodium sulfate
benefin (bèn'ý ffn)	<i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine	MCPP (see mecoprop)	
bensulide (bèn'sül id)	<i>O</i> , <i>O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide	mecoprop (mèc'õ próp)	2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid
benzadox (bèn'zúh dóx)	(benzamidooxy)acetic acid	metham (mèth'ám)	sodium methylthiocarbamate
bromacil (brõ'má sll)	5-bromo-3- <i>sec</i> -butyl-6-methyluracil	metobromuron (mèt'õ brom'ü rön)	3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea
bromoxynil (brõ mõx'ý nll)	3,5-dibromo-4-hydroxybenzoxynil	MH	1,2-dihydro-3,6-pyridazinedione
buturon (bü'tü rön)	3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2-propynyl)urea	molinate (mõ'II nāt)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
butylate (bü'ý lāt)	<i>S</i> -ethyl diisobutylthiocarbamate	monolinuron (mõn'õ lln'ü rön)	3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea
C			
cacodylic acid (cá'cõ dýl'ic)	hydroxydimethylarsine oxide	monuron (mõn'ü rön)	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea
CDA	<i>N,N</i> -diallyl-2-chloroacetamide	monuronTCA	3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono (trichloroacetate)
CDEA	2-chloro- <i>N,N</i> -diethylacetamide	MSMA	monosodium methanearsonate
CDEC	2-chloroallyl diethylthiocarbamate	N	
chlorazone (klõ'rá zën)	2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine	naptalam (náp'tá lām)	<i>N</i> -1-naphthylphthalamic acid
chloroxuron (klõ rõx'ü rön)	3-(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethyl-urea	neburon (nèb'ü rön)	1-butyl-3-(3,4-dichlorophenyl)-1-methylurea
chlorpropham (clõr prõ'fām)	isopropyl <i>m</i> -chlorocarbanilate	nitralin (ní'trá lln)	4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> -dipropylaniline
CIPC (see chlorpropham)		nitrofen (ní'trõ fèn)	2,4-dichlorophenyl <i>p</i> -nitrophenyl ether
CMA	calcium methanearsonate	norea (nõ rë'uh)	3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea
cycloate (sý'clõ āt)	<i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate	NPA (see naptalam)	
cycluron (sý'klü rön)	3-cyclooctyl-1,1-dimethylurea	P	
cypromid (sý'prõ mld)	3',4'-dichlorocyclopropanecarboxanilide	paraquat (pár' á kwāt)	1,1'-dimethyl-4,4'-bipyridinium salts
D			
dalapon (dāl'á pön)	2,2-dichloropropionic acid	PBA	chlorinated benzoic acid
dazomet (dä'zõ mèt)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione	PCP	pentachlorophenol
DCPA	dimethyl tetrachloroterephthalate	pebulate (pèb'ü lāt)	<i>S</i> -propyl butylethylthiocarbamate
DCU	1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea	picloram (píc'lõr ām)	4-amino-3,5,6-trichloropicolinic acid
dinosam (dī'nõ sām)	2-(1-methylbutyl)-4,6-dinitrophenol	PMA	(acetato)phenylmercury
dinoseb (dī'nõ sèb)	2- <i>sec</i> -butyl-4,6-dinitrophenol	prometone (prõ'mè tön)	2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine
desmetryne (dès'mè trín)	2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine	prometryne (prõ'mè trín)	2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine
diallate (dī'āl lāt)	<i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate	propachlor (prõ'pá clõr)	2-chloro- <i>N</i> -isopropylacetanilide
dicamba (dī kām'bā)	3,6-dichloro- <i>o</i> -anisic acid	propanil (prõ'pá nll)	3',4'-dichloropropananilide
dichlobenil (dī'clõ bèn'Il)	2,6-dichlorobenzonitrile	propazine (prõ'pá zën)	2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine
dichlorprop (dī'clõr prõp)	2-(2,4-dichlorophenoxy)propionic acid	propham (prõ'fām)	isopropyl carbanilate
dicyrl (dī'crll)	3',4'-dichloro-2-methylacrylanilide	pyrazon (pí'rá zõn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
diphenamid (dī fèn'á mld)	<i>N,N</i> -dimethyl-2,2-diphenylacetamide	pyriclor (pí'rll clõr)	2,3,5-trichloro-4-pyridinol
diquat (dī'kwāt)	6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinedium salts	S	
diuron (dī'ü rön)	3-(3,4-dichlorophenyl)-1,1-dimethylurea	sesone (sès'õn)	2-(2,4-dichlorophenoxy)ethyl sodium sulfate
DMTT (see dazomet)		siduron (síd'ü rön)	1-(2-methylcyclohexyl)-3-phenylurea
DNAP (see dinoseb)		silvex (sll'vèks)	2-(2,4,5-trichlorophenoxy)propionic acid
DNBP (see dinoseb)		simazine sìm'á zën)	2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine
DNC (see DNOC)		simetone (sìm'è tön)	2,4-bis(ethylamino)-6-methoxy- <i>s</i> -triazine
DNOC		simetryne (sìm'è trín)	2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine
DSMA	4,6-dinitro- <i>o</i> -cresol	SMDC (see metham)	
E			
endothall (èn'dõ thāl)	disodium methanearsonate	solon (sõ'lån)	3'-chloro-2-methyl- <i>p</i> -valerotoluidide
EPTC	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	swep (swèp)	methyl 3,4-dichlorocarbanilate
erbon (ér'bõn)	<i>S</i> -ethyl dipropylthiocarbamate	T	
EXD	2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloro-propionate	terbacil (tèr'bá cll)	3- <i>tert</i> -butyl-5-chloro-6-methyluracil
F			
fenac (fèn'ác)	<i>O</i> , <i>O</i> -diethyl dithiobis[thioformate]	terbutol (tèr'bü tõi)	2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate
fenuron (fèn'ü rön)		TCA	trichloroacetic acid
fenuronTCA		triallate (trī'āl lāt)	<i>S</i> -(2,3,3-trichloroallyl) diisopropylthiocarbamate
fluometuron (flü õ mè't'ü rön)		tricamba (trī cām'bá)	3,5,6-trichloro- <i>o</i> -anisic acid
H			
fenac (fèn'ác)	(2,3,6-trichlorophenyl)acetic acid	trietazina (trī è't'á zën)	2-chloro-4-(diethylamino)-6-(ethylamino)- <i>s</i> -triazine
fenuron (fèn'ü rön)	1,1-dimethyl-3-phenylurea	trifluralin (trī flúr'á lln)	α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine
fenuronTCA	1,1-dimethyl-3-phenylurea monotrithioacetate	trimeturon (trī mè't'ü rön)	1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea
fluometuron (flü õ mè't'ü rön)	1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea	2,3,6-TBA ^o	2,3,6-trichlorobenzoic acid
I			
ioxynil (i õx'ý nll)		2,4-D	(2,4-dichlorophenoxy)acetic acid
ipazine (íp'á zën)		2,4-DB	4-(2,4-dichlorophenoxy)butyric acid
IPC (see propham)		2,4-DEB	2-(2,4-dichlorophenoxy)ethyl benzoate
isocil (i'sõ sll)		2,4-DEP	tris[2-(2,4-dichlorophenoxy)ethyl] phosphite
K			
KOCN	potassium cyanate	2,4-DP (see dichlorprop)	
		2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid
		2,4,5-TES	sodium 2-(2,4,5-trichlorophenoxy)ethyl sulfate
V			
		vernolate (vèr'nõ lāt)	<i>S</i> -propyl dipropylthiocarbamate

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in WEEDS 14(4), 1966.

^bAs 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.

^cThis herbicide usually is 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.