

# **REVISTA BRASILEIRA DE ENGENHARIA AGRÍCOLA E AMBIENTAL**

## **GUIDELINES FOR AUTHORS**

The norms of the Revista Brasileira de Engenharia Agrícola e Ambiental (Agriambi), presented herein, are subject to modifications over time; thus, we suggest the authors to consult them at the moment of the submission of their manuscripts. The manuscripts must not have been sent to any other journal and will be selected for evaluation by the reviewers only if totally within the norms of this Journal.

Authors must have their manuscripts reviewed by a specialist for orthography and grammar correction of Portuguese and English before submitting or returning them to the Journal, at any step of the process. Manuscripts with orthography problems will be negatively affected in the evaluation and may be rejected for this reason. Manuscripts addressing research with experiment will only be accepted for publication if at least one of the following criteria is met: a) experiment with minimum of 20 plots; b) experimental design with number of residual degrees of freedom equal to or higher than ten; and c) treatments must have at least three replicates. Scientific manuscripts that describe research results obtained more than 8 years ago will not be accepted for publication. Authors must inform, in the items Abstract, Resumo and Material and Methods, the period and place (including geographical coordinates) of the research and, in the case of research with experiment, the experimental design, treatments and the number of replicates. Manuscripts subdivided into parts I, II and III etc. must be submitted together, since they will be sent to the same reviewers.

### **Languages and study areas**

The scientific manuscripts subjected to the Agriambi Journal must be original and unpublished and written in Portuguese or English. However, from the Volume 20, Issue number 1 (January 2016) on, the Agriambi Journal will be completely published in English. Manuscripts accepted for publication and originally not submitted in English will be translated by a company selected by the Journal and the costs will be paid by the authors, along with the payment of the publication fee. For papers accepted for publication, already submitted in English, the authors will be requested to arrange the correction of English through one of the companies accredited by the Journal. The manuscripts must result from researches in the areas of Soil, Water and Plant Management, Irrigation and Drainage Engineering, Agricultural Meteorology and Climatology, Storage and Processing of Agricultural Products, Environmental Control and Management (this area includes only manuscripts describing researches on environmental control and management in the agricultural context), Rural Construction and Ambience, Automation and Instrumentation, Agricultural Machines and, finally, Energy in Agriculture. Referring to the field of Rural Construction and Ambience, when the approach is ambience it will be accepted for review only articles about researches that deal with the effect of rural construction, that is, of the building on the ambience of its facilities. The Journal accepts contributions only in the modalities of Scientific Paper and Literature Review. Contributions in the modalities of Preliminary Note and Technical Note are not accepted by the Journal. In addition, it should be pointed out that

the Journal does not publish manuscripts of extension and/or purely technical nature; manuscripts simply describing the development of software/electronic spreadsheets and addressing Food Engineering will not be accepted for publication.

### **Sequence of items in the manuscript**

a) Title: it encompasses the content and the objective of the study, with maximum of 15 words, including articles, prepositions and conjunctions. Only the first letter of the first word must be capitalized. However, when the title has a subtitle, i.e., with a colon (:), the first letter of the first word of the subtitle (to the right of the colon) must be capitalized. The title must not include the words effect, evaluation, influence or study.

b) Name(s) of the author(s):

- The manuscript file sent in the submission must not contain the name(s) of the author(s) or the identification of the institution(s), because this file will be made available to the reviewers in the system, ensuring blind peer evaluation. However, the name(s) of the author(s) will be informed to the system by the corresponding author during the submission. The corresponding author must already be registered in the SciELO Publication system before beginning the submission process. It is necessary that the corresponding author defined his position in the authorship of the article in relation to the other authors.

- The manuscript can have a maximum of six authors.

- In relation to the content of the first version of the manuscript submitted to the Journal, later changes in the sequence or names of the authors will not be allowed.

c) Abstract: maximum of 250 words with no abbreviations. The decimal mark of the numbers must be indicated by a period (.), instead of a comma (,).

d) Keywords: minimum of three and maximum of five, not included in the Title, separated by commas and with only lowercase letters.

e) Title in Portuguese: the same standardization of the title in English.

f) Resumo: maximum of 250 words, an exact translation of the Abstract. The decimal mark of the numbers must be indicated by a comma (,), instead of a period (.).

g) Palavras-chave: the same standardization of the Keywords, and an exact translation of this item.

h) Introduction: the relevance of the study must be highlighted, including through literature review, in a maximum of 1 (one) page. The Introduction must not have equations, tables, figures or basic theoretical text on a specific subject; instead, there should be a text referring to research results. The last paragraph must present the objective of the study.

i) Material and Methods: it must provide indispensable information that allows the replication of the research by other researchers.

j) Results and Discussion: the obtained results must be discussed and interpreted based on the literature. Tables and figures must not present the same results.

k) Conclusions: must be numbered and written succinctly, i.e., with no comments or additional explanations, based only on the presented results and with no abbreviations.

l) Acknowledgments (optional)

m) Literature Cited:

- The submitted manuscript must have at least 70% of journal citations, with a minimum of 40% from the last eight years.

- Bibliographic citations such as “apud” or “cited by” will not be accepted, i.e., citations must be only of the original references.

- Citations of in-press articles, personal communications, folders, handouts, monographs, final course assignments, technical reports and works published in congresses are not accepted in the elaboration of the manuscripts. Congress works will only be accepted if there are no journal publications on the topic.

- In certain contextualization, the citation of more than one bibliographic reference should first follow the chronological order and, then, the alphabetical order of the authors; in the citation of more than one bibliographic reference of the same authors, his/her name must not be repeated; however, the publication years must be separated by a comma.

- The manuscript must have a minimum of 15 and a maximum of 30 bibliographic references. For the contribution in the modality of Literature Review, there is no maximum limit for the number of bibliographic references.

Manuscripts in English must also contain the items Title, Abstract and Key words in Portuguese, and these items must come first in the main language.

The contribution in the form of Literature Review must have the following sequence: Title, Abstract, Keywords, Title in Portuguese, Resumo, Palavras-chave, Introduction, Items on the reviewed topics, Conclusions and Literature Cited.

### **Text editing**

a) Word of Microsoft Office 2010: The manuscript must be edited only in this version of Microsoft Word.

b) Text: font Times New Roman, size 12. The text must not contain bold or italic words, except for the title, items and sub-items, which must be in boldface, and the scientific names of plant and animal species, which must be in italic. Equations, tables and figures must not contain italic or bold words. The equations should be written using the software MS Equation. Long paragraphs should be avoided and, preferentially, paragraphs must have a maximum of 60 words.

c) Spacing: the text must be double-spaced in the entire manuscript.

d) Paragraph: 0.5 cm.

e) Page: size A4, portrait orientation, top and bottom margins of 2.54 cm and left and right of 3.00 cm, with a maximum of 15 pages, including tables and figures. Pages and

lines must be numbered; line numbering must be continuous, i.e., continuing from the previous to the next page.

f) All the items must be capitalized, in boldface and centered, except Resumo, Abstract, Palavras-chave and Keywords, which must be aligned to the left, with only the first letter capitalized. The sub-items must be aligned to the left, in boldface, with only the first letter capitalized.

g) Units must be expressed in the ISU (International System of Units) and the scientific terminology must follow the international conventions of each area.

h) Tables and Figures (graphs, maps, images, photographs, drawings):

- Tables and figures must be self-explanatory and have width of 9 or 18 cm, with font Times New Roman, size 9, and inserted right below the paragraph in which they were cited for the first time. Examples of citations in the text: Figure 1; Table 1. Tables and figures with virtually the same title must be grouped in one single table or figure, creating, however, an indication of differentiation. The indicating letter of each sub-figure in a grouped figure must be capitalized and followed by a period (Example: A.), placed in the upper left corner of the figure. Grouped figures must be cited in the text as follows: Figure 1A; Figure 1B; Figure 1C. Tables and figures with width of 18 cm will exceed left and right margins of 3.0 cm, which is not a problem. The total of figures combined with the total of tables must not exceed 6, i.e., a manuscript with 2 tables can have a maximum of 4 figures. However, a figure resulting from the grouping of many figures will be counted as only one.

- Tables must not contain vertical dashed lines and should have the minimum possible of horizontal dashed lines. Numbers in the columns must be aligned by the last digit. Example of the title, which must be above the table: Table 1. Selected INMET stations (without a period at the end). In tables with comparison of means, according to statistical analysis, there must be a space between the number (mean) and the letter. Units must appear in parentheses.

- Figures must not contain borders, and the curves (in case of graphs) must have a width of 0.5 pt. Figures can be in color, but always using different data markers, because labels based only on colors will disappear when photocopied. Example of the title, which must be below the figure: Figure 1. Accumulated soil loss as a function of the application time of simulated rain (without a period at the end). In order to avoid redundancy, figures must not contain the data presented in tables. If the title and the numbering of axis X and/or Y are equal in grouped figures, only one centered title must be used, with the numbers in only one axis. Graphs, diagrams (curves in general) must come as a vector image. Bitmap figures must have a minimum resolution of 300 bpi. The authors should ensure the quality of resolution, aiming at a good comprehension of the figures. The units in figure axes must be in parentheses, without being separated from the title by a comma. The manuscript must not contain figures with curves for  $r^2$  lower than 0.60; in these cases, only the equation and the respective  $r^2$  value must be presented in the manuscript.

### **Examples of citations in the text**

a) When the citation has only one author: Zonta (2010) or (Zonta, 2010).

b) When the citation has two authors: Mielniczuk & Tornquist (2010) or (Mielniczuk & Tornquist, 2010).

c) When the citation has more than two authors: Pezzopane et al. (2010) or (Pezzopane et al., 2010).

d) When an institution/company is the author of the article, the citation must be of its abbreviation, in uppercase letters. Example: EMBRAPA (2010).

### **List of the Literature Cited**

The bibliographic references cited in the text must be arranged in a list in alphabetical order, by the last name of the first author, in an increasing chronological order, with the names of all the authors. Format examples are provided below:

#### a) Books

Paz, V. P. S.; Oliveira, A.; Pereira, F. A.; Gheyi, H. R. Manejo e sustentabilidade da irrigação em regiões áridas e semiáridas. 1.ed. Cruz das Almas: UFRB, 2009. 344p.

#### b) Book chapters

Antuniassi, U. R.; Baio, F. H. R. Tecnologia de aplicação de defensivos. In: Vargas, L.; Roman, E. S. Manual de manejo e controle de plantas daninhas. Passo Fundo: Embrapa Trigo, 2009. Cap.5, p.173-212.

#### c) Journals

Silva, V. G. de F.; Andrade, A. P. de; Fernandes, P. D.; Silva, I. de F. da; Azevedo, C. A. V.; Araujo, J. S. Productive characteristics and water use efficiency in cotton plants under different irrigation strategies. Revista Brasileira de Engenharia Agrícola e Ambiental, v.14, p.451-457, 2010.

#### d) Dissertations and theses

Paixão, F. J. R. da. Doses de nitrogênio e conteúdo de água do solo no cultivo da mamoneira, variedade BRS Energia. Campina Grande: UFCG, 2010. 76p. Tese Doutorado

#### e) Works presented in congresses (Annals, Abstracts, Proceedings, Diskettes, CD-ROM)

Centeno, C. R. M.; Azevedo, C. A. V.; Santos, D. B. dos; Lira, V. M. de; Lima, V. L. A. de. Coeficiente de cultivo da mamona BRS energia irrigada com diferentes níveis de água salina. In: Congresso Latino-Americano e do Caribe de Engenharia Agrícola, 9, e Congresso Brasileiro de Engenharia Agrícola, 39, 2010, Vitória. Anais... Jaboticabal: SBEA, 2010. CD Rom.

For CD-ROM, the title of the publication will still be Annals, Abstracts or Proceedings, but the number of pages will be replaced by the word CD-ROM. For online journals, there should be no information of the webpage address, according to the example above (Item C).

### **Further information on standardization of manuscripts**

- a) Do not use a period after palavras-chave, keywords and titles of tables and figures.
- b) In the description of the parameters and variables of an equation, a hyphen (-) must separate the symbol from the description, and a semicolon (;) must be used at the end of each description, with a period (.) after the last one. The number of an equation must be in parentheses and aligned to the right: example: (1). The equations must be cited in the text, according to the following examples: Eq. 1; Eqs. 3 and 4.
- c) All the letters in an abbreviation must be capitalized; however, in the full name of an institution, only the first letter of each word must be capitalized.
- d) In the following examples of text citations of numerical values, the correct format is placed on the right side of the equal sign:

10 hours = 10 h; 32 minutes = 32 min; 5 liters = 5 L; 45 milliliters = 45 mL;  $l/s = L s^{-1}$ ;  $27^{\circ}C = 27^{\circ}C$ ;  $0.14 m^3/min/m = 0.14 m^3 min^{-1} m^{-1}$ ; 100 g of weight/bird = 100 g of weight per bird; 2 tons = 2 t;  $2 mm/day = 2 mm d^{-1}$ ;  $2 \times 3 = 2 \times 3$  (it must be separated);  $45.2 - 61.5 = 45.2-61.5$  (it must be united).

The % is the only unit that must be close to the number (45%). When there is a sequence of numerical values with the same units, the unit must follow only the last value. Examples: 20 m and 40 m = 20 and 40 m; 56.1%, 82.5% and 90.2% = 56.1, 82.5 and 90.2%.

- e) When pertinent, numerical values in the text, tables and figures should have a maximum of two decimal places.
- f) The titles of the listed bibliographies must have only the first letter of the first word capitalized, except for proper names. The title of events must have only the first letter of each word capitalized.

### **Steps for online manuscript submission**

Manuscripts can only be submitted online, through the SciELO Publication System ([www.submission.scielo](http://www.submission.scielo)), following the five steps described below:

#### **1° SUBMISSION STEP: START SUBMISSION**

In this step will be provided information about: section in which the manuscript fits; Language of submission; conditions for submission (verification of the norms of the Journal); copyright statement; privacy policy; and editor comments (optional).

#### **2° SUBMISSION STEP: MANUSCRIPT TRANSFER**

In this step, the file of the submitted manuscript, which must not contain the names of the authors or their institutional and e-mail addresses, will be transferred.

#### **3° SUBMISSION STEP: INCLUSION OF METADATA (INDEXING)**

In this step the following information should be provided: authors; title and abstract; indexation; contributors and granting agencies.

#### **4° SUBMISSION STEP: TRANSFER OF SUPPLEMENTARY DOCUMENTS**

In this step, the file referring to the agreement of the authors on the manuscript submission will be transferred, which corresponds to the agreement statement following the [template](#) provided by the Agriambi Journal ([www.agriambi.com.br](http://www.agriambi.com.br)). Statements of agreement on manuscript submission with scanned signatures will not be accepted. If this file is not sent, the submission will later be canceled in the system.

At no time, ie during the process of submission and processing of the article, the corresponding author should allow, in the SciELO Publication system, the availability of additional documents to the reviewers, in order not to compromise the blind peer evaluation.

#### 5° SUBMISSION STEP: CONFIRMATION

In this step the submission will be completed.

#### **Procedures for manuscript analysis**

a) Considering the demand and the publication capacity of the Journal, only part of the manuscripts submitted each month is selected by the Editorial Team for analysis, based on the criterion of relative relevance. For manuscripts not selected for analysis, there will be no reconsideration of this decision, but they can be submitted again. For the selected manuscripts, the corresponding author will be requested to provide the receipt of payment of the submission fee and the indication of three Brazilian reviewers and three foreign reviewers. These files should be sent through the SciELO Publication System, as supplementary documents. After receiving these files, the manuscript is sent to the reviewers for blind analysis (without identification of the authors). For any information on the course of the manuscript requested to the Journal Secretariat, authors must provide its identification number, generated by the SciELO Publication system.

b) The articles will be evaluated by at least three referees of proven scientific knowledge in the research area from the national and/or international educational or research institutions. After the corrections and possible suggestions, the article will be accepted if there are two favorable opinions and rejected when two opinions are unfavorable.

c) The criteria to be judged by the reviewers in the manuscript are as follows: pertinence of the subject for publication in the Journal; relevance of the scientific contribution of the manuscript; adequacy of the title to the objectives of the work; understandable language of the manuscript; methodology used consistent with the proposed objectives; results discussed and interpreted appropriately in the light of the literature; succinct conclusions and in accordance with the results and objectives of the work; and updating and quality of bibliographic references.

d) With the help of the reports and suggestions from the Ad Hoc Reviewers about the first version of the manuscript, the Editorial Team can reject it or request the author(s) a second version, which will be analyzed again, both by Ad Hoc Reviewers and the Editorial Team. In its second version, the manuscript can be rejected, accepted and/or returned to the author(s) for a third version.

e) At first, the correction recommendations from Ad Hoc Reviewers and the Editorial Team on the text of the manuscripts must be incorporated by the author(s); however, the author(s) has(have) the right to not accept them, through an explicit justification, which will be analyzed by the Reviewer(s) and the Editorial Team. The justification for not

accepting the correction recommendations should be inserted at the beginning of the Word file of the new version of the article, referring to the respective reviewer or to the Editorial Team.

f) For rejected manuscripts, a reconsideration request can be made by the corresponding author, within a maximum period of ten days from the receipt of the e-mail communicating the manuscript rejection. The Editorial Team will send the reconsideration request to the respective reviewer for analysis.

g) Upon manuscript acceptance, if necessary, complementary information will be requested to the corresponding author. Then, the author will receive the manuscript in .pdf format, for a final review, and must inform the Editorial Team about any eventual correction or alteration.

h) After publication, any error found by either authors or readers, when communicated to the Editorial Team, will be corrected in an errata section in the next issue of the Journal.

i) The Editorial Team works to reach standard time to complete an evaluation, between 6 and 8 months.

### **Further information**

a) The topics, data and concepts published in the Journal are of exclusive responsibility of the authors. The eventual citation of products and commercial brands does not mean recommendation of use on the part of this Journal. The reproduction of published articles is allowed, provided that the source is cited.

b) Authors will have a maximum time limit of ten days to return the corrected manuscripts, counting from the receipt of the e-mail requesting the corrections. Failure to meet this deadline will automatically result in the cancelation of the manuscript.

c) The submission fee, R\$ 140.00 (a hundred and thirty reais), must be deposited in Banco do Brasil, Agency: 1591-1, Checking account: 1192-4, Receiver: ATECEL/RBEAA, CNPJ 08.846.230/0001-88.

d) The payment of the submission fee does not guarantee the acceptance of the manuscript for publication in the Journal and, if rejected, the referred fee will not be refunded.

e) Besides the article submission fee, it will be charged the translation fee for accepted articles, not originally submitted in English, at the cost of R\$ 35.00 per page of the Microsoft Word file with double spacing between lines and deleting the pages concerning the list of literature cited; and the publication fee in the amount of R\$ 38.00 per page of the Microsoft Word file, with double spacing between lines. The deadline for the payment of such fees shall be of 5 calendar days following the dispatch of the email recovery; in case of non-execution of payment within that period the article will be replaced by another in the diagramming process.

f) The Agriambi Journal adopts, as a standard of attribution of open access to the manuscripts, the CC-BY license, which maximizes the dissemination of the manuscripts and is, therefore, internationally adopted by the main open-access journals and



publishers. More detail can be obtained at:  
<https://creativecommons.org/licenses/by/2.0/br/>.

g) Contact address

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