

INSTRUCTIONS TO AUTHORS

Updated : 03/27/2024

The norms of the Revista Brasileira de Engenharia Agrícola e Ambiental (Agriambi), presented below, are subject to modifications over time; therefore, we suggest that authors consult them when submitting their articles.

Types of documents accepted

- Types of documents that can be submitted to the journal:

Original scientific article and Literature Review.

- Accepted submission and publication language: English

- Positioning related to preprint submission:

The Journal accepts the submission of Preprints, and preferably recommends the SciELO Preprints server.

- Submitted articles must not have been sent to another journal and will be selected for evaluation by designated reviewers and editors only if they are fully within the Journal's standards.

- The scientific articles published in Agriambi Journal come from research carried out in the areas of Soil, Water and Plant Management, Irrigation and Drainage Engineering, Meteorology and Agricultural Climatology, Storage and Processing of Agricultural Products, Environmental Management and Control (in the context of agriculture), Rural Constructions and Environment, Automation and Instrumentation, Agricultural Machines, and Energy in Agriculture.

- The Agriambi Journal accepts the submission of contributions in the form of Review of Literature format.

- Contributions in the form of preliminary note and technical note are not accepted by the Journal. The Journal does not publish studies of a purely technical and/or extension nature; contributions that simply describe the development of software, spreadsheets and cell phone applications are not accepted for publication.

Article submission format

The article must have the following sequential composition:

- a) Title in English

The title encompasses, with a maximum of 15 words, the content and objective of the work, including articles, prepositions and conjunctions, only the first letter of the first word must be capitalized; however, when the title has a subtitle, it is followed by a colon (:), the first letter of the first word of the subtitle (to the right of the colon) must be capitalized; Finally, the title should not contain the words like effect, evaluation, influence or study.

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

The article file sent at the time of submission must not contain the name(s) of the author(s) or the identification of their institution(s), as this file will be made available to reviewers in the system, ensuring double blind peer review; however, the name(s) of the author(s) will be informed to the system by the corresponding author upon submission. The corresponding author must already be registered as an author in the SciELO Publication System before starting the submission process. It is necessary for the corresponding author to define his position in authorship of the article in relation to the other authors.

After submitting the article, changes regarding authors' are not permitted, whether in sequence, substitution or addition.

c) Institution and place where the research was carried out.

d) Highlights.

Insert three highlights describing the main findings or results of the research, however, the words used in this description should not be the same as those in the conclusions. Each highlight must have a maximum of 125 characters with spaces. See examples of highlights in articles recently published in Agriambi Journal.

e) Abstract: maximum of 250 words and no abbreviations.

f) Key words

There must be a minimum of three and a maximum of five Key words, not included in the Title, separated by a comma and with all lowercase letters or the first letter capitalized for the scientific name of plant and animal species.

g) Title in Portuguese: must have the same standards as the title in English.

h) Resumo: maximum 250 words and must be a faithful translation of the Abstract.

i) Palavras-chave: will have the same standards as the Key words and must be a faithful translation of the Key words.

j) Introduction

It must highlight the relevance of the research, through a literature review, in maximum of two pages. There should not be, in the Introduction, equations, tables, figures or basic theoretical text on a given subject, but rather referring to research results. The last paragraph must present the objective of the research.

k) Material and Methods

It must contain essential information that allows other researchers to repeat the research.

Articles that address studies involving human beings or animals directly or indirectly, in their entirety or parts thereof, including the handling of information or materials in all areas of knowledge, must inform in the Material and Methods item that the study was previously submitted, evaluated and approved by the competent Ethics Committee, including the name of the Commission, Institution and number of the CAAE document – Certificate of Presentation of Ethical Appreciation, or similar.

l) Results and Discussion

The results obtained must be discussed and interpreted in light of the literature. Do not present the same results/data in tables and figures.

m) Conclusions

They must be numbered and written succinctly, that is, without comments or additional explanations, based only on the results presented. Conclusions must not have abbreviations.

n) Contribution of authors

Authors must record their individual contribution to the article in this item, indicating whether they participated, for example, in obtaining financing,

designing the research, reviewing the literature, obtaining, interpreting and discussing the results, writing, reviewing and approving the final version of the work, and coordinator of the research project. For more details on the authors' participation in the study, access the link <https://wp.scielo.org/wp-content/uploads/credit.pdf>.

o) Supplementary documents (optional)

If there is supplementary research data, the corresponding author must provide, in this item, a declaration of availability regarding location, nature and referencing.

The following links provide information on supplemental data:

TOP Guide: https://wp.scielo.org/wp-content/uploads/Guia_TOP_pt.pdf

Research data citation guide: https://wp.scielo.org/wp-content/uploads/guia-de-citacao-de-dados_pt.pdf

List of repositories for depositing research data: https://wp.scielo.org/wp-content/uploads/Lista-de-Repositorios-Recomendados_pt.pdf

p) Conflict of Interest

Authors must declare in this item if there is any conflict of interest, whether financial or otherwise, that may have influenced the preparation or completion of the work. Furthermore, authors must declare it in a signed document attached to the article submission platform. For more information, see: Disclosure of Financial and Non-Financial Relationships and Activities, and Conflicts of Interest.

Likewise, the editors and reviewers designated to evaluate the article must declare that there is no conflict of interest, whether financial, family relationship (up to the third degree) or of any other nature that may have influenced the evaluation of the article.

For more information, see: [Disclosure of Financial and Non-Financial Relationships and Activities, and Conflicts of Interest](#).

q) Financing statement (if applicable)

Authors must inform the name of the funding agency/institution with respective Protocol number or reference.

r) Acknowledgments (optional).

s) Literature Cited:

The submitted article must have at least 80% of citations from journals, with at least 40% from the last five years.

Bibliographic citations of the type apud or cited by are not accepted, that is, citations must only be of original references.

Citations from articles in press, personal communication, folder, booklet, monograph, undergraduate course completion work, technical report, conference paper, dissertations and thesis are not accepted.

In a given context, citing more than one bibliographic reference must first comply with the ascending chronological order and then the alphabetical order of the authors; when citing more than one bibliographic reference by the same author(s), their name should not be repeated; however, the years of publication must be separated by a comma.

The article must have a maximum of 30 bibliographic references. For contributions Review of Literature modality, there is no maximum limit of bibliographic references.

The contribution in the form of a Literature Review must have the following sequence: Title, Abstract and Key words in English and then Título, Resumo and Palavras-chave in Portuguese, Introduction, Items on review themes, Conclusions, Contribution of authors, Acknowledgments (optional), Literature Cited.

DOI link

In the Literature Cited item, the corresponding author must provide the link to the publication's [DOI](#) at the end of the bibliographic reference of all scientific articles, when available.

Text editing

a) Microsoft Office 2016 Word: The article should only be edited in this version of Word.

b) Text: Times New Roman font, size 12. There should be no words in bold or italics in the text, except for the title, items and sub-items, which must be in bold, and the scientific names of plant and animal species, which should be in italics. In equations, tables and figures there should be no italics or bold. Equations must be written in the MS Equation application.

c) Spacing: double throughout the text of the manuscript.

d) Paragraph: 0.5 cm.

e) Page: A4 paper, portrait orientation, top and bottom margins of 2.54 cm and left and right margins of 3.00 cm. Pages and lines must be numbered; the numbering of the lines must be continuous, that is, continuing from one page to the next.

f) All items in capital letters, in bold and centered, except Abstract and Resumo, which must be aligned to the left, and Key words and Palavras-chave aligned to the left and only the first letter capitalized. Subitems must be aligned to the left, in bold and only the first letter capitalized.

g) The quantities must be expressed in the IS (International System) and the scientific terminology must follow the international conventions of each area in question.

h) Digital assets (tables, figures, graphs, maps, images, photographs, drawings)

Tables and figures must be self-explanatory and 8.75 or 18 cm wide, with text in Times New Roman font, size 9 and inserted just below the paragraph in which they are cited for the first time. Examples of citations in the text: Figure 1; Table 1. Figures that have practically the same title should be grouped into a single figure, creating, however, an indicator of differentiation. The indicator letter for each subfigure in a grouped figure must be capitalized and with a full stop (.) at the end (example: A.), positioned on the upper left side of the figure. The grouped figures must be cited in the text, as follows: Figure 1A; Figure 1B; Figures 1A and B. Tables and figures measuring 18 cm wide will exceed the left and right margins of 3 cm, without any problems.

Tables must not have vertical dashes and a minimum of horizontal dashes. In the columns, numeric values must be aligned by the last digit. Example of the title, which should be above the table: Table 1. Selected INMET stations (without a full stop (.) at the end). In tables that present the comparison of means, according to

statistical analysis, there must be a space between the numerical value (average) and the letter.

Figures must not have borders and their curves (in the case of graphics) can be colored, but always have different caption markers, since captions based only on colors will disappear when xeroxed. Example of the title, which should be below the figure: Figure 1. Accumulated soil loss depending on the time of application of simulated rain (without a full stop (.) at the end).

To avoid becoming redundant, figures should not have data contained in tables. Graphs, diagrams (curves in general) must come in vector images. When dealing with bitmap figures, the minimum resolution must be 300 bpi. Authors must strive for the quality of resolution of the figures in order to ensure a good understanding of them.

Legends, axes and axis titles of the figures must be legible and contain Times New Roman font and no italics or bold letters must be used. In cases of equal axis titles for Figures 1A, B, C... center the axis title for all figures. Figures with captions must have different markers for each curve, as figures with captions only based on color, when printed in black and white the captions disappear, making it impossible to identify each curve.

In case of research with treatments, inform in a table or figure, the value of the coefficient of variation (CV) for each variable evaluated. When there is regression analysis, provide, in a table or figure, for each equation the value of the coefficient of determination (R²) followed by the CV value; there should be no figures of curves with R² less than 0.60; In these cases, include the equation and the respective R² value in the discussion of the results. Place in each regression equation presented in a table or figure, the symbols of the significance of the coefficients (* or ** or ns), positioning it in superscript between the values of the coefficients and the variable. Place a footnote in Times New Roman 9 font in the figure or table stating the probability of significance of the equation coefficients and the statistical test adopted; example: ** - Significant at $p \leq 0.01$ by the F test. Each experimental point plotted in the figure must have, through a vertical bar, the representation of the standard error or standard deviation, and a footnote with Times New Roman 9 font, must inform whether it is the standard error or standard deviation.

i) Citations and references

The norms for citations and references adopted by the Journal are an adaptation of the Vancouver standards.

Below are examples of citations in the text:

- 1) When the citation has only one author: Oliveira (2020) or (Oliveira, 2020).
- 2) When the citation has two authors: Thomaz & Fidalski (2020) or (Thomaz & Fidalski, 2020).
- 3) When the citation has more than two authors: Anjos et al. (2022) or (Anjos et al., 2022).
- 4) When the author of the work is an institution/company, the citation must be its acronym, in capital letters: EMBRAPA (2020) or (EMBRAPA, 2020).
- 5) When there are citations with one or two authors, having the same authors and being from the same year: Oliveira (2020a); Oliveira (2020b); Oliveira (2020a,b); Thomaz & Fidalski (2020a); Thomaz & Fidalski (2020b).
- 6) When there are citations with more than two authors, having the same name as the first author and being from the same year: Liu et al. (2020a); Liu et al., 2020b); (Liu et al. (2020a,b).

List of Literature Cited

References cited in the text must be arranged in the Literature cited at the end in alphabetical order starting with the last surname of the first author and in ascending chronological order and contain the names of all authors. If the number of authors is more than six, place after the sixth author et al. Place at the end of each scientific article reference listed the link to its doi for access, if available.

Examples of formatting are presented below:

a) Books

Rostagno, H. S.; Albino L. F. T.; Hannas, M. I.; Donzele, J. L.; Sakomura, N. K.; Perazzo, F. G.; Saraiva, A.; Teixeira, M. L.; Rodrigues, P. B.; Oliveira, R. F.; Barreto, S. L. T.; Brito, C. O. Tabelas brasileiras para aves e suínos: composição de alimentos e exigências nutricionais. 4.ed. Viçosa: UFV, 2017. 488p.

MAPA - Ministério da Agricultura, Pecuária e Abastecimento - Manual de métodos analíticos oficiais para fertilizantes e corretivos. 1.ed. Brasília, 2017. 240p.

Taiz, L.; Zeiger, E.; Moller, I. M.; Murphy, A. Fisiologia e desenvolvimento vegetal. 6.ed. Porto Alegre: ArtMed, 2017. 888p.

b) Book chapter

Motta, A. C. V.; Melo, V. F. Química dos solos ácidos. In: Melo, V. F.; Alleoni, L. R. F. Química e mineralogia do solo: conceitos básicos e aplicações. Viçosa: Sociedade Brasileira de Ciência do Solo. 2019. Cap.1, p.1009-1076.

Da Matta, F. M.; Ronchi, C. P.; Eduardo Ferreira Sales, E. F.; Araújo, J. B. S. O café conilon em sistemas agroflorestais. In: Ferrão, R. G.; Fonseca, A. F. A. da; Ferrão, M. A. G.; De Muner, L. H. Café conilon, Vitória: Incaper, 2017. Cap.19, p.481-494.

c) Journals

Examples of Journals that adopt article pagination corresponding to the page numbering of the PDF file

Anjos, F. A. dos; Ferraz, R. L. de S.; Azevedo, C. A. V. de; Costa, P. da S.; Melo, A. S. de; Ramalho, V. R. R. de A. R. Relationship between physiology and production of maize under different water replacements in the Brazilian semi-arid. Revista Brasileira de Engenharia Agrícola e Ambiental, v.26, p.21-27, 2022. <https://doi.org/10.1590/1807-1929/agriambi.v26n1p21-27>

Moura, M. de P.; Ribeiro Neto, A.; Costa, F. A. da. Application of satellite imagery to update depth-area-volume relationships in reservoirs in the semiarid region of Northeast Brazil. Revista Brasileira de Engenharia Agrícola e Ambiental, v.26, p.44-50, 2022. <https://doi.org/10.1590/1807-1929/agriambi.v26n1p44-50>

Example of Journals that adopt electronic pagination with numbers only

Araújo, G. dos S.; Paula-Marinho, S. de O.; Pinheiro, S. K. de P.; Castro, E. M. de; Lopes, L. de S.; Marques, E. C.; Carvalho, H. H. de; Gomes-Filho, E. H₂O₂ priming promotes salt tolerance in maize by protecting chloroplasts ultrastructure and primary metabolites modulation. Plant Science, v.303, 110774, 2021. <https://doi.org/10.1016/j.plantsci.2020.110774>

Example of Journals that adopt electronic pagination with numbers and letters

Costa, P. S.; Ferraz, R. L. S.; Dantas Neto, J.; Martins, V. D.; Viégas, P. R. A.; Meira, K. S.; Ndhlala, A. R.; Azevedo, C. A. V.; Melo, A. S. Seed priming with light quality and *Cyperus rotundus* L. extract modulate the germination and initial growth of *Moringa oleifera* Lam. seedlings. Brazilian Journal of Biology, v.84, e255836, 2024. <https://doi.org/10.1590/1519-6984.255836>

d) Software references

SAS - Statistical Analysis System. User's guide statistics. 9.ed. Cary: SAS Institute, 2002. 943p.

R Core Team. R: A language and environment for statistical computing. Vienna: R Foundation for Statistical Computing, 2017. Available on: < <https://www.r-project.org/> > . Accessed on: Feb. 2020.

e) Other reference formats

INMET- Instituto Nacional de Meteorologia. Informações sobre as condições climáticas em Uberaba-MG. 2019. Available on: <<http://www.inmet.gov.br/>>. Accessed on: Jun 2021.

CONAB - Companhia Nacional de Abastecimento. Acompanhamento da safra brasileira de grãos: safra 2019/2020. Available on: <<http://www.conab.gov.br/Conabweb/download/pdf>>. Accessed on: Jun 2021

FAO - Food and Agriculture Organization - FAOSTAT (2017) Crops. Cowpeas, dry. Available on: <<https://faostat3.fao.org/home/index.html#DOWNLOAD>>. Accessed on: Nov. 2018.

MAPA. Ministério da Agricultura, Pecuária e Abastecimento. Brasília: MAPA, 2020. Available on: < <https://agrofit.agricultura.gov.br/> >. Accessed on: Mar. 2021.

EMBRAPA - Empresa Brasileira de Pesquisa Agropecuária. Uso de informações ambientais na modelagem e interpretação da interação genótipo x ambiente. 1.ed. Santo Antônio de Goiás: Embrapa Arroz e Feijão, 2020. 46p.

Allen, R. G.; Pereira, L. S.; Raes, D.; Smith, M. Crop evapotranspiration: Guidelines for computing crop water requirements. Rome: Food and Agriculture Organization, 1998. 300p. Drainage and Irrigation Paper, 56

IPEA - Instituto de Pesquisa Econômica Aplicada. Sobre a agricultura irrigada no semiárido: uma análise histórica e atual de diferentes opções de política. Texto para Discussão, 2018. 56p. <https://www.ipea.gov.br/portal/>

References that have one or two authors, having the same authors and being from the same year, and references that have more than two authors, having the same name as the first author and being from the same year, must be identified in the list of Literature cited after the year, with the letters a, b, etc., according to the citation in the text, place the letter a for the article cited first.

Other information about article standardization

a) Do not put a full stop (.) at the end of Key words, Pajavras-chave and titles of tables and figures.

b) In the description of the parameters and variables of an equation there must be a dash separating the symbol from its description and a semicolon at the end of each description, with a full (.), however, in the last. The numbering 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 letters of an acronym must be capitalized; the full name of an institution must only capitalize the first letter of each word.

d) Examples of the format of units

25% (The % is the only unit that must be next to the number, i.e., without space); 45 mL; 5 L; 27 °C; 70 kg ha⁻¹; 6.1 kJ mol⁻¹; 11.46 t ha⁻¹; 45 tons; 10 million hectares; 15:00 h; 30 s; 45 min; 10 hours; two hours (0 to 9 – write in full, except for a number with a unit or if it is accompanied by a number greater than 9); 2, 3, and 14 hours; 2 mm per day; 0.0015 g g⁻¹ per day; 2 x 3 (must be a multiplication sign); 45.2-61.5 (must be together); 6.0 and 13.0 Mg ha⁻¹ (consecutive numerical values that have the same unit, put the unit only in the last value); 0.14 m³ min⁻¹ m⁻¹.

e) When applicable, leave numerical values in the text, tables and figures with a maximum of two decimal places.

f) The titles of listed bibliographies must only have the first letter of the first word capitalized, with the exception of proper names.

Online article submission steps

Submission of articles will only be online, through the SciELO Publication System (<https://submission.scielo.br/index.php/rbeaa/login>), in five stages, described below:

1st STAGE OF SUBMISSION: START SUBMISSION

At this stage, information will be provided about: the section in which the manuscript fits; language of submission; conditions for submission (checking the Journal's standards); copyright declaration; Privacy Policy; and comments to the editor (optional).

2nd STAGE OF SUBMISSION: TRANSFER OF THE MANUSCRIPT AND PROOF OF SUBMISSION FEE.

At this stage, the file of the submitted article will be transferred, which should not contain the names of the authors or their institutional and electronic addresses, for the cases of authors who did not choose to disclose their names, and then the file showing proof of the submission fee. First, choose text file and insert the article file to be evaluated, then choose to send a new file – others, and attach proof of the submission fee and the form on compliance with Open Science: <https://wp.scielo.org/wp-content/uploads/Formulario-de-Conformidade-Ciencia-Aberta.docx> .

In the case of manuscripts that describe research involving animals or human beings, the corresponding author must attach a statement of approval from the Ethics Committee of the institution responsible for approving the research.

3rd STAGE OF SUBMISSION: INCLUSION OF METADATA (INDEXING)

At this stage, the following information must be provided: authors with full affiliation; email and ORCID link for all authors, title and abstract; indexing (Key words); and development agencies. After submitting the article, subsequent

changes to the authors' names are not permitted, whether in sequence, substitution or addition.

4th STAGE OF SUBMISSION: CONFIRMATION

At this stage the submission will be completed.

Publication Charges

The Agriambi Journal has the following fees:

Submission fee: R\$ 180.00 (one hundred and eighty reais) - Payment upon submission of the article.

Publication fee: For articles with up to 25 pages of the Word file, double spaced between lines, the publication fee will be R\$ 60.00 (sixty reais) per page. For articles with more than 25 pages, a publication fee of R\$ 1,500.00 plus R\$ 80.00 (eighty reais) per additional page will be charged; for example, for an article with 28 pages, the publication fee will be: $25 \times 60.00 + 3 \times 80.00 = \text{R\$ } 1,740.00$. Payment will be requested after the author submits the revised English version of the article accepted.

For articles submitted from abroad, there will only be a single publication fee of \$ 500.00 (five hundred dollars).

There is no possibility of discount or exemption from any of the fees charged.

Payment of the aforementioned fees must be made by deposit or transfer to the Banco do Brasil account, Branch 1591-1, Account 34.849-X, Payable to: PARQUE PROJETO 101 (Fundação Parque Tecnológico da Paraíba, CNPJ 09.261.843/0001-16), Bank account PIX key: 34849x@paqtc.org.br.

Payment from abroad will be via Invoice provided by Fundação Parque Tecnológico da Paraíba.

For authors who require an invoice, we inform you that it can only be issued in the name of the individual or legal entity that appears on the bank transfer receipt of payment. To request an invoice, authors must send an email to the Agriambi Journal Secretariat (revistagriambi@gmail.com), providing the data below:

Name/Corporate Name:

CPF/CNPJ: (if available)

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Additional Information

Content responsibility

The subjects, data and concepts published in this Journal are the exclusive responsibility of the authors. Any mention of products and trademarks does not mean a recommendation for use by the reviewers/editors responsible for evaluating the article. Reproduction of published articles is permitted, as long as the source is cited.

Research with experiment

Articles that address research with experiments will only be accepted for publication if they meet at least one of the following criteria: a) experiment with at least 20 plots; b) experimental design with the number of residue degrees of freedom equal to or greater than 10. Another requirement is that the number of repetitions of treatments must be at least three. Authors must inform, in the Abstract, Resumo and Material and Methods items, the experimental design, treatments and number of replicates.

Research time

Scientific articles that describe research results obtained more than eight years ago will not be considered for publication. Authors must inform, in the Abstract, Resumo and Material and Methods items, the period and location (geographic coordinates and altitude only in the Material and Methods item) where the research was carried out.

Articles with Part I and II

Articles subdivided into parts I and II must be submitted together, as they will be sent to the same reviewers.

Name of institutions

The name of institutions, such as departments, universities, institutes, research companies and funding bodies, must remain in the original language.

Language review

For articles accepted for publication, authors will be asked to provide English proofreading through one of the companies accredited by the Journal, according to the list available on the page https://www.agriambi.com.br/empresas_credenciadas.pdf.

Deadlines

The maximum deadlines for returning corrections of the first and subsequent versions of the article will be, respectively, ten and five calendar days, from the date of receipt of the email requesting the corrections. Failure to meet these deadlines will automatically result in the cancellation of the article.

Contact address

Revista Brasileira de Engenharia Agrícola e
Ambiental Unidade Acadêmica de Engenharia
Agrícola
Universidade Federal de Campina
Grande
Av. Aprígio Veloso 882, Bodocongó, Bloco CM, 1º andar
CEP 58429-140, Campina Grande, PB, Brazil
Phone: +55 83 2101 1056
www.agriambi.com.br, www.scielo.br
Email: revistagriambi@gmail.com
Social networks: Instagram – User: @revistaagriambi