

INSTRUCTIONS TO AUTHORS

Temas Agrarios publishes research articles, short research papers, technical notes, letters to the editor and editorials.

Research paper: Document that presents detailed original results of research projects, between 20 and 40 references, of which 60% must come from articles published in the last 5 years; and with a maximum of 5500 words, including maximum, together, six tables and figures. The structure is: Abstract, Introduction, Materials and Methods, Results and Discussion, Conclusions, References.

Review article: Document that describes a systematized analysis and integration of research with a minimum of 50 references, of which 60% must come from articles published in the last 5 years; and with a maximum of 8500 words, including a maximum, together, six tables and figures. This article is submitted at the request of the Editorial Committee. The article should present a critical review of the literature published on the topic of study, plus the contributions of the authors. The structure is: Abstract, Introduction, Topic development, Conclusions, References.

Reflection article: Paper presenting research results from an analytical, interpretative and critical perspective of the author, on a specific topic using scientific bibliographic articles from the last 5 years, between 20 and 30 references. It should have a maximum of 4000 words, including, a maximum together of six tables or figures. The structure is similar to that of a review article.

Short article: Brief document of original preliminary, or partial, results that requires prompt dissemination, with a minimum of 15 references; of which, 60% will correspond to articles published in the last 5 years. It must have a maximum of 4000 words, with a maximum of six tables or figures. The structure is similar to that of the scientific article.

Letter to the editor: A manuscript that explains, amplifies or, otherwise, comments on research published in the journal, or elsewhere.

Editorial: Manuscript expressing the opinion of the editorial committee, the journal editor, a member of the journal editorial staff, or an invited scientific.

All manuscripts should be sent through the OJS (Open Journal System) platform <https://revistas.unicordoba.edu.co/index.php/temasagrarios> to email revistatemasagrarios@correo.unicordoba.edu.co. Authors must include a letter certifying that the paper is original, the article has not been sent simultaneously to another journal for publication, and that they know, and agree with, the content of the journal. The editorial committee will determine if the contents of the manuscript is appropriate for publication in Temas Agrarios and the manuscript conforms to the style and format requirements given below. The pre-selected articles will be sent to two anonymous peer reviewers. Scientific peers will determine if:

- 1) The article can be published without modifications;
- 2) The paper needs minor changes;
- 3) The manuscript needs major modifications or
- 4) The manuscript is not appropriate for publication.

If reviewers do not agree in their evaluation, manuscripts will be sent to a third anonymous peer reviewer for evaluation.

The third peer will determine the final decision. The final version of the paper accepted for publication must be sent with a letter signed by the authors giving the right to the editorial committee of this journal to reproduce, or to transmit by any means the content of the manuscript.

The manuscripts must be written in Word format in a single column, Arial letter font 12.

Temas Agrarios accepts articles for publication in Spanish, Portuguese and English language.

Structure of the manuscript

Title: Must be in Spanish, or Portuguese, and in English. Title should be in capital letters, centered and brief (no more than 15 words in length). If the title is longer, a subtitle should be included.

Short title: Authors should submit a short title (no more than six words in length) to be included as a footprint on the body of the manuscript.

Authors: The name of the authors must go under the title. It should include full names of the author (s). Authors should be listed based on their contributions to the research performance, or on the paper elaboration. All the author information (academic degree, position, affiliation, organization and location (city and country) has to be posted in a footprint. The name of the main author should be marked with a star, and all his or her contact information, including his or her e-mail address, must be given.

Abstract. Should be written in a single paragraph not exceeding 250 words for research articles and review, and no more than 100 words for short articles. Will include the rationale for resolving the problem, objective, methodology (materials and methods), more relevant results and findings of the investigation with an emphasis on achievements. The abstract does not include references, figures, or tables. Articles in Spanish or Portuguese must include an abstract in English and those that are written in English, an abstract in Spanish.

Key words: Should be placed below the abstract and may not exceed six words.

Organization of the text: The body of article in Temas Agrarios includes an introduction, materials and methods, results and discussion, conclusions, acknowledgements (optional), and references (bibliographical). The main titles in the body of the manuscript must be centered, black font color and capital letters.

Introduction: This section must formulate the state of the art of the subject to investigate, based on updated reviews, highlight the importance and necessity of the investigation, as well as indicate the objectives that are pursued with the accomplishment of the work.

Materials and Methods: This section give enough detail to allow a competent scientist to repeat the experiments. This section may be arranged in any logical manner and may include tables and figures. Authors should describe the whole procedure, if their methodology is original. A brief description of the procedure should be explained with a citation of the respective source when methodology is already published. Authors should indicate modifications made to any methodology previously published. The materials and methods section should describe place, materials and instruments, techniques, experimental designs and analysis of the data. Software version, brand and company should be specified.

Results and Discussion: This section needs to be written in an impersonal way and in agreement with the research objectives and methods. Results should be compared to previous finding of other authors, followed by the citation of the respective source. Use tables, graphs, and other illustrations in this section to provide a clear understanding of representative data obtained from the experiment. Although, tables and illustrations should be cited on the body of this section, they need to be individually placed in separated sheet at the end of the paper. Include the level of statistical significance in lower case letters (a, b, c, d, ...).

Enumeration and measurement: Use numbers whenever it is followed by a standard unit of measurement, e.g., 1 g, 9 cm, otherwise, use words from zero to nine and numerals for higher amounts. The denominators of units should be written with negative indices, e.g., kg ha⁻¹, g m⁻². Report all figures taken based on the International System of Units. The oblique bar (/) should be used as a substitute for the word "by". Use the bar to connect SI units with units that are not (eg plants/ha or 10 cluster/plant).

Names and terms: Use italics for scientific names of organisms and include the names of the classifiers only referring to the organism used in the investigation. The variety name must be enclosed in quotes when it is written after the scientific name. The species of plants and animals must refer to its common name.

The scientific name and the classifier must be written completely when the plant species is first enunciated in the text for plant species used in research. Pesticides should be referred by their active ingredient approved. The names of commercial products must bear the proprietary annotation, when strictly necessary trade names appear. The statistical design should be clearly described in Materials and Methods. The data should be analyzed by appropriate statistical methods. For quantitative data a measure of variability (standard deviation or standard error) should be reported.

Tables: A maximum of three tables with 6 columns and 15 rows for manuscript will be accepted. Must be cited in numerical order in the text. The title should be concise and self-explanatory of the contents of the table and should be in the top (Table 1. Text of the table in normal font-without blacks). Table title and column title should be 11 font, cell size should be 10 points. Table footnotes can be used with 9-font letter. Horizontal and vertical internal lines of the table body should be eliminated.

Figures: A maximum of three figures for manuscript will be accepted. Figures should be listed in the text and the title should be in the bottom with 11-font letter (Figure 1. Text of the figure in normal font-without blacks). These must be in the following formats: jpg, *. tif, *. bmp, *. gif, *. eps. Images must have sufficient resolution (minimum 150 dpi). Figures should be designed to fit in one column, two columns or an entire page. The lines must have a minimum thickness of 0.5 points and letters must be in proportion to the figure with a sufficient size to be reduced without losing clarity.

Conclusions: Should be clear, concise and arise from the results of the work.

Acknowledgements: At the author's authority. They must be the recognition of contributions that had a significant impact on the performance of work and have been made by individuals, government entities or NGOs.

References: References should be listed alphabetically and should only refer to the literature mentioned within the article. Cite references in the text the surname of the author (s) and year (with comma between them) examples: (Gutiérrez, 2008), (Gutierrez and Lozano, 2008). When more than two authors, use "et al", e.g., (Gutiérrez *et al.*, 2008), but in references must be recorded all authors.

Within the text:

1. When the names of the authors are part of the sentence, e.g., Gutierrez (2008), Gutierrez and Lozano (2008) and Gutiérrez *et al.* (2008).
2. When the names of the authors are at the end of the sentence or paragraph, e.g., (Gutiérrez, 2008), (Gutierrez and Lozano, 2008) or (Gutiérrez *et al.*, 2008).
3. When citing two articles by the same author, order from oldest to most recent, e.g., (Gutiérrez 2008, 2009).
4. When citing two articles by the same author in the same year, a year place lowercase letters e.g., (Gutiérrez, 2008a, 2008b). When citing multiple articles by different authors are listed chronologically, e.g., (Bustos, 2007, Gutiérrez, 2008, Lozano, 2009).

For the structure of references, the following examples of references can be interpreted (Pay attention to the spaces, bold and punctuation):

Reference citations with DOI (Digital Object Identification System): Author (s) first name, first letter initial. Year. Article title. Full name of the journal volume, number (in parentheses), pages and the hyperlink or web link in extenso.

Example: **Grandett, L., Reza, S., Jaraba, J. and Pardo, Y. 2015.** Effect of microbial

activity on nitrification in soils cultivated with *Brachiaria humidicola* (Rendle) Schweicerdth in Cereté, Córdoba. *Temas Agrarios* 20 (2): 9-18
<http://dx.doi.org/10.21897/rta.v20i2.75>

Journal article: Author (s) surname, first name initial. Year. Article title. Journal name volume number (in parentheses): pages.

Example: **Gómez, R., Contreras, P. and Sanchez, J. 1998.** Effect of different nitrogen rates on yield of maize (*Zea mays*). *Temas Agrarios* 5 (2):12-18.

Book: Author (s). Year of publication. Title. Publisher or entity responsible for the publication, city of publication and pages.

Example: **Rivera, J. and Perez, M. 2003.** The cultivation of maize. Fenalce, Bogotá, p314-356.

Book chapters published: Author (s). Year. Chapter title, In: Name of editor (Ed.), book title, publisher, city of publication and pages.

Example: **Fernández, R. and Escobar, L. 1995.** Propagation methods. In: Jimenez, C. And Carmona, J. (Ed). Cultivation of Mango. World Publishing, Bogotá, P126-157.

Thesis: Author (s) name. Year. Title, degree, University awarded him, site of the university.

Example: **Pastrana, I. 2007.** Micropropagation of sugarcane arrow (*Gynerium sagittatum* Aubl.). Agricultural Engineer thesis, Universidad de Córdoba, Montería.

Presentation at a Congress: Author (s) name. Year. Title of the presentation, the conference report, the entity that published the reports, city, date, pages.

Example: **Miranda, D. 2006.** Current status and trends of horticulture in the world and its relationship with Colombian horticulture. I. Reports Colombian Congress of Horticulture. Colombian Society of Horticultural Science, Bogotá, June 2003, p19-36.

Dating Online Documents CD-Rom: Author(s) name/editor. Year. Title. [Medium]. Available: Supplier, Address, Website, URL.]

Example: **Martínez, M. 2007.** Virtual Library endangered plants [CD-ROM]. Internet
<http://www.portalecologico.org>

Web Site: Author / editor (s) name. Year. Title. URL

Example: **Cabrera, B. 1998.** Genetic changes in plants grown *in vitro*.
<http://www.biotec/veg/res.agr.co.html>

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