

REVISTA INGENIERÍA AGRÍCOLA

Quarterly publication of the Instituto de Investigaciones de Ingeniería Agrícola (IAgric)

NORMS TO PUBLISH MANUSCRIPT SUBMISSION

Contributions should be sent in printed and electronic form to:

Secretary Revista Ingenieria Agricola

Instituto de Investigaciones de Ingeniería Agrícola (IAgric), Carretera de Fontanar, km 2 ½, Reparto Abel Santamaría, Boyeros, La Habana, Cuba. E-mail: dptoambiente4@iagric.cu

Published or arbitration process works in other journals are not accepted.

The articles in the journal are the sole responsibility of the authors.

TYPES OF MANUSCRIPTS FOR PUBLICATION

Revista Ingeniería Agrícola accepts Spanish, English and Portuguese papers on topics related to Agricultural Engineering. These can be original articles (scientific), reviews, technical notes, views, software, and letters to the editor.

It is understood that **original article** is the one based on research work which has applied the scientific method and studied the effect of different treatments on the response of a system, as a methodology to verify or reject a hypothesis of work. These kinds of articles are prioritized by the magazine.

Technical notes are based on experimental work and developing novel articles presenting methodological aspects or results that the author wants to publish before the end of their development or research.

Reviews, Viewpoints and Software. **Reviews** are those writings based on the analytical review of scientific articles. **Viewpoints** are writings, in which the author gives his views on the issue and draws conclusions about the current state of knowledge of it. **Software** is based on the explanation of how a computer program works.

In the **letters to the editor** section, the journal will publish those ones considered appropriate, which must submit opinions or comments from the scientific community, editorials by the journal direction on certain topics or commemorations. This part aims to publicize information or encourage discussion about topics in the pages of this journal or those of interest to the scientific community.

The theses abstracts section is intended to publicize theses content summaries of the specialty and master's degree defenses presented annually to the Research Institute of Agricultural Engineering (IAgric).

Jobs that are sent must adhere to these rules and will be reviewed by the Editorial Committee or its designee, before being published.

ARBITRATION

The contributions received are evaluated by a team of national and international referees and submitted by the Editorial Committee, for a rigorous method of selection of papers published. During the process of opinion, evaluators and authors preserve anonymity.

The evaluation system is the method of arbitration / opponency peer blindly. The received articles are distributed by the Executive Secretary, participating two arbitrators per article, which are delivered copies, to make their opponency by expressing their criteria and comments on the quality of these papers, finally selected by the Editorial Board to be approved by the Editorial Committee in a meeting

CONTENT AND FORMAT OF THE MANUSCRIPT

Scientific papers and technical notes submitted shall consist of the following parts:

- 1) Title: in Spanish or Portuguese and English
- 2) Author (s)
- 3) Institution (s) and business address of the author;
- 4) Abstract in Spanish or Portuguese and English (abstract)
- 5) Keywords; in Spanish or Portuguese and English (keywords)
- 6) Introduction
- 7) Methods
- 8) Results and Discussion
- 9) Conclusions
- 10) Bibliographical References

The Editorial Board may accept modifications to the structure when the wording of the text deserves them.

Revisions, views and software must consist of the following parts:

- 1) Title: in Spanish or Portuguese and English
- 2) Author (s)
- 3) Institution (s) where the author (s) works and work address of the authors
- 4) Abstract in Spanish or Portuguese and English (abstract)
- 5) Keywords; in Spanish or Portuguese and English (keywords)
- 6) Introduction
- 7) Development of the topic, with appropriate subtitles
- 8) Discussion, where appropriate
- 9) Conclusions

10) Bibliographical References

Letters to the editor and doctoral thesis abstracts have defined format, but should not exceed one page, with double spacing, written in Times New Roman 11.

All work to be sent for publication in the journal must be accompanied by a letter of intent addressed to the Editor, including a brief description of the most important findings, institution, address, telephone, fax and email of the author responsible for the journal to contact with. Other requirements of the format are: no more than one page double spaced, written in Times New Roman 11, the entry must be submitted in its original form, with details of the author responsible (institution, address, telephone, fax and e-mail) letter size paper, double spaced, with margins of 2.5 cm on all four sides with numbered lines, pages, including tables and figures progressively numbered. The text should not exceed 12 pages, for an original article and eight for a technical note, including tables and figures. In the first version, each table or figure should be inserted in the text and in the other arranged versions of the text; they will be written without insertion of tables and figures.

The tables and figures only have the essential information and in no case repeat the data presented in another form. The units of the International System of Units and Measurements (SI) will be used.

A space between the number and unit of measurement (5 m, 42 °C) is allowed. No space between the number and the unit is left when it comes to percentages, angles and length measurements or latitude (45°, 15%, 30°15'5"N). Spaces are used to divide large numbers in groups of three, both left and right of the decimal point (143 570 and 21.345 678). The four-digit numbers are written without space and comma, decimal point will be used only when figures for money (100.00 pesos) are written, in all other cases colon (100,00 m) is used. Nouns and units of measurement are not mixed (right: The water content is 20 mL·kg⁻¹; wrong: the H₂O content is 20 mL kg⁻¹).

The rounding follows three simple rules:

- 1) If the first two digits to be discarded are under 50, the last digit does not change. Example: 5,44236 is rounded to 5,44.
- 2) If the first two digits to be discarded are over 50, 1 is added to the previous number. Example: 5,44725 is rounded to 5,45.
- 3) If the first two digits to be discarded are 50, 1 is added to the previous number if it is odd and if it is even it does not change. Examples: 5,4350 and 5,4450 are rounded to 5,44.

If there is only one number and it is less than 10, it must be written in words (five provinces, six municipalities in nine districts; unlike 12 countries, 46 states, however, if that figure is accompanied by a unit of the International System of Units and Measurements, it must be expressed with number (4 mL, 7 kg, 3 h).

Manuscripts, figures and tables should also be delivered on compact disc for Windows Word Processor latest version. Figures should be in a format that allows subsequent amendments, regarding the size of the numbers on the axes, the thickness of the lines in them and the caption text.

All work should be written in Times New Roman (including numbering axes, content and figure legends). The Spanish title is written in size 18 in bold. The English title, size 18 also, but without bold type. The rest of the text should be written in font size 11, excluding footnotes, ranging in size 9.

FORMAT FOR PUBLICATION

In the journal, the papers are published with the format described next; however, manuscripts must be prepared as indicated in the previous section and taking into account, as far as possible, the instructions in this section. The editorial staff of the journal will prepare the final version for printing on the pages of the journal.

TITLE. The title will be written in lower case except the first letter of the initial word, justified, in bold font Times New Roman 18; under the title in Spanish or Portuguese, the title will be placed in

English; This will also be written in lower case except the first letter of the initial word, justified, without bold type and Times New Roman 18 font.

Authors: authors with two last names should include them.

Their titles and degrees will be written. The first letters of their names and last name (s) will be written in capital letters. The names of the authors will be written in Times New Roman 11, separated by a comma, and a space after the English title.

Sponsor(s) Institution (s) and authors' address in footnotes of the first page. The aim of this part of the article is to give proper credit to the institution that sponsored the work and that readers can contact the authors, if necessary; postal and e-mail address of the author responsible must be specified. For other authors, only include the name and postal and e-mail address. This identification shall be written in lowercase, except acronyms, in footnotes on the first page, justified, with a period at the end of the address and Times New Roman 9. Footnotes may be also used on any page, when additional information is necessary to identify; they shall be progressively numbered throughout the text.

Forms of title. The titles have different orders and mark the position of a paragraph within the article.

Title of the first order. It is the main title of the article (Times New Roman 18)

Title of second order. This type corresponds to different parts of the article: abstract in Spanish, abstract in English, Introduction, etc. they are capitalized, justified in bold (Times New Roman 11)

Title of the third order. They are written to the left margin, lower case except the first letter of words in bold type with single spaces after the last written text and before the next one.

Title of fourth order. They are written to the left margin, in bold, lowercase, (except the first letter of the title), with period followed by text, unnumbered.

Title of fifth order. They are written to the left margin, without bold type, lower case (except the first letter), with period followed by text, unnumbered.

SUMMARY. This section should summarize in 200 words, the most important aspects of work: that is, justification, importance, experimental method (when applicable) and conclusions.

Keywords. They should not include terms present in the title. They are placed into a space below the abstract, on the left margin. The term "Keywords" is written in small letters in bold; keywords, with the same font, not bold. A maximum of five simple or compound keywords will be included.

ABSTRACT. They follow the same rules as for the summary in Spanish or Portuguese.

Keywords. the instructions for Keywords previously stated will be followed.

INTRODUCTION. In this section the problem studied, its importance and objectives of the work conveying the implicit assumptions, are indicated. It also contains the most relevant aspects of the subject, treated by other authors and identified in the literature review. The introduction should not exceed two pages, double spaced, Times New Roman 11.

METHODS. This section should describe the relevant characteristics of the materials used in the study and the experimental methods used. They should indicate models, brands, manufacturers and countries of origin of the instruments used. If reagents are used, the manufacturing company should be indicated. It should be clarified in footnote page that the mention of trademarks of equipment, instruments or materials obeys specific identification purposes only, not existing any promotional commitment to (the) author (s). The direction of the journal is not responsible for the criteria issued regarding specific products of any commercial firm. Particular importance should be given to the description of the experimental method used to achieve the

objectives of the work. It must show full agreement with the hypotheses.

RESULTS AND DISCUSSION. Here the results of the research are included. These are presented in text, tables (pictures) or figures and should not duplicate the information presented. In addition, they must present results that can be easily calculable.

In the discussion the most important principles and cause-effect relationships derived from the analysis of results are highlighted. In addition, the reasons of the observed should be explained in terms of the observations made, without speculating. The results obtained are compared with those of other researchers and the differences and similarities are pointed out.

CONCLUSIONS. The first conclusions submitted must be those corresponding to the objectives.

Citations in the text. Citations in the text will be made according to how they participate in the sentence. The following rules are followed:

- 1) The main family name (s) of author (s) and the year will be cited, in the case of one or two authors, and the main author's surname followed by et al. and year, in the case of three or more authors,
- 2) When citations are more than one, they will be placed in chronological order;(documents) as theses, journal articles, papers at conferences
- 3) when the name (s) of author (s) are involved in the sentence, the last name, followed by the year in brackets Carvajal y Laffita (2014) confirmed Paneque *et al.*(2014) determined...
- 4) when the citation is added to the end of the sentence, the names of the authors and the year are placed in brackets, separated by a comma. Example: ... the harvest (Hernández, 2014; De las Cuevas, 2013; Fernandez de Castro, 2012) or separated by a comma. Example: ... the harvest (Hernández, 2014; De las Cuevas, 2013; Fernandez de Castro, 2012) or (Garcia *et al.*, 2014).
- 5) when the author has more than one publication in a year, a, b, or c are added. Example: (Iglesias, 1914a), (Iglesias, 2014b) or (Iglesias, 2014a,b);
- 6) the references consulted on the Internet shall be drawn up in accordance with the previously stated and includes the email address and the date on which it was consulted.

REFERENCES. To make the list of references of the quoted material in the text of the article; as well as the footnotes the entries are detailed with examples according to STANDARD BIBLIOGRAPHIC ENTRY BY TYPE OF DOCUMENTS, although it is recommended to use the CSL file containing the journal style called Revista Ingeniería Agrícola (Spanish) which will be available in <https://www.zotero.org/styles> and can be loaded by a wide range of bibliographic searching tools such as Zotero, Mendeley. Papers, etc.

Each original document must have at least 15 references (of which 50% must belong to original articles published in scientific journals), in Times New Roman 11, alphabetically arranged, justified, with spacing between double lines and only the works cited in the text will be included in it.. Each item must meet the Price index, that is, 60% of the citations must correspond to the last five years; except in cases of literature reviews because references should cover a wide range of time. Self-citations, both the author and the journal, must not exceed 20% of the literature consulted.

In the preparation of the documents, scientific journal articles, books, book chapters, patents, standards, reports recognized internationally renowned institutions (FAO, UNESCO, etc.), maps,

satellite images and software can be used. Other items (congresses, symposium, seminars, workshops and events) interviews, encyclopedias, monographs, reviews, electronic documents not indexed in databases scientific journals and web pages, will be cited at footnote indicating with superscript number without brackets and considering the requirements established by the style of the journal for these documents. These items will not be counted within the minimum of references required.

Other aspects to consider

Tables or charts must be draw up according to the AutoFormat used in Microsoft Word, as shown in the example of Table 1. They do not carry vertical lines. Column and line headings are written in lower-case except their first letter. Only the necessary number of significant figures will be used. Tables or pictures will not be bigger than a letter-size page considering margins.

Maps and figures should not exceed one letter page, with the specified margins. What is interesting to note in a figure is the content and not the axes. Accordingly, the thickness of the latter must be less than the inner lines. The bottom of the figures must not have lines, and it must be white, as shown in the example of Figure 1.

TABLE 1. Characterization of the evaluated plant

Species	Weight plant/m ² (g/plant)	Height (cm)
Portulaca oleracea	230	4,39
Sida acuta	18	7,4
Lantana camara	8	21,8
Chloris radiata	110	3,21
Digitaria sanguinalis	150	4,57

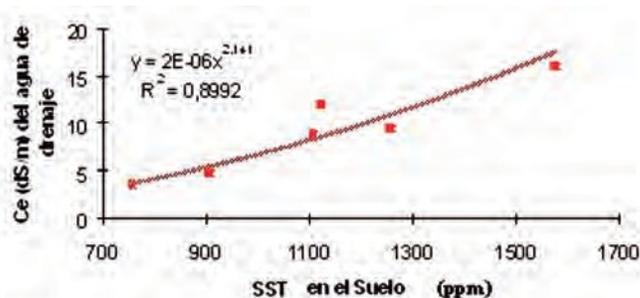


FIGURE 1. Relationship between water drainage salinity and soil salinity on each terrace

THANKS. After Conclusions and before References may be included at the end of the text.