

Instructions to Authors

General Information

The journal *Agricultural Sciences* is a trimonthly periodical of the Lithuanian Academy of Sciences. It accepts original research papers for publication pertaining to the following research areas and trends:

biomedical sciences – agronomy (06 B), forest science (14 B), zootechnics (13 B), and veterinary medicine (12 B).

technological sciences – environmental engineering and land-use planning (04 T) (agricultural engineering, land reclamation).

social sciences – economics (04 S) (agrarian economics).

Other types of contributions may also be accepted by the Editorial Board: methodological and critical review papers, communications on jubilees, conferences, scientific cooperation, and institutions of science and higher education. Papers are published following the assessment of their scientific level and importance.

Submission of a paper implies that it has not been published previously (with the exception of short communications, lectures, or parts of a review). It should be based on new and original research data, statistical analysis, search for the causality of results, process modelling, and the comparison of research data to the latest work of other authors. Papers are published in Lithuanian or in English. Articles in Lithuanian should be provided with abstracts in English, while articles in English should be supplied with abstracts in Lithuanian.

Authors are requested to submit two copies of their papers with all the addenda accompanied by a covering letter of an institution where the work was done and on whose behalf it is published.

While submitting their paper, the authors should guarantee that text content and authorship have been agreed on by co-authors.

The suitability of papers for the journal is assessed and its contents are determined by the Editorial Board representing the research trends and branches associated with agriculture.

On receipt of a paper, the Editorial Board will appoint two reviewers.

The reviewers will send the paper with reviews to the Editorial Board in 10 days. If necessary, the paper with reviews will be sent to the author for revision. The names of reviewers will not be disclosed. If the author does not agree with the essential remarks made by the reviewers, they should submit their reply to the Editorial Board in writing. The revised paper with an electronic copy should be returned to the Editorial Board within 2 weeks.

Papers for publication may be submitted by both Lithuanian and foreign researchers.

Manuscript Preparation

The entire manuscript must be computer typeset in keeping with the requirements listed below and printed on paper. Authors are

requested to submit 2 manuscript copies accompanied by an electronic version. Research papers should not exceed 15 pages.

Title should consist of no more than 10 words.

In multi-authored papers, the names of the authors should be listed according to their contributions to the preparation of a paper (in a decreasing order).

The further sequence is as follows:

Institution, its mailing and author's e-mail address;

Main Text:

Abstract of no less than 600 characters followed up to 10 keywords;

Introduction containing a short presentation of a problem, a review of the work done by other researchers, discussion of the importance, novelty and originality of the submitted work;

Methods and Conditions (the names of field and laboratory testing methods are presented with references to original sources);

Results and Discussion;

Conclusions;

References. It is suggested that no less than 10 newest literature sources on the subject should be cited (those published during the last 4–6 years or, if earlier, only important and significant ones). Authors cite their own works only if they are related to the subject under consideration.

Research reports, textbooks, reference books, pamphlets, popular press, advertising booklets and manuscript materials should not be included into the list of literature. Standards and other normative legal documents, reference books are indicated in footnotes. The titles of journals, collections of conference materials and other publications published abroad should not be abbreviated. Publications cited in the text should be indicated in brackets as the author(s)' name(s) and the year, e.g., (Jeroch et al., 2001). References should be listed in alphabetical order in Roman alphabet. If the number of authors exceeds three, the first three are indicated, followed by et al.

Examples:

a) Journal papers:

Wilson M. J. Weathering of the primary rock-forming minerals: processes, products and rates. *Clay Minerals*. 2004. Vol. 39. P. 233–267.

Krištaponytė I. Skirtingo intensyvumo tręšimo sistemų efektyvumas sunkiame dirvožemyje. *Žemdirbystė. LŽI ir LŽŪU mokslo darbai*. 2003. T. 3(83). P. 96–110.

b) Conference proceedings:

Booth C. A., Fullen M. A., Sarsby R. W. et al. The BORASSUS Project. *Proceedings of the Sustainable Development and Planning*. WIT Press, 2007. Vol. 3. N 2. P. 601–610.

c) *Collected articles:*

Chisci G. Perspectives on soil protection measures in Europe. In: Rickson R. J. (ed.). *Conserving Soil Resources: European Perspectives*. Wallingford, England: CAB International, 1994. P. 339–353.

d) *Books:*

Arinushkina E. V. *Rukovodstvo po khimicheskomu analizu pochv*. Moskva: MGU, 1970. 488 p.

Nachtergaele F. O. *The “soils” that we should classify in the World Reference Base for Soil Resources*. <http://www.fao.org/ag/agl/agll/wrb/doc/soildepthv3.doc>

e) *Patents:*

Philip Morris Inc., European patent application 0021165 A1, 1981.01.07.

f) *Standards:*

ISO / TR 9544: 1988, Information processing – Computer assisted publishing – Vocabulary.

Summary of a paper in the Lithuanian language (no less than 1,200 characters) should be written in English, while that of a paper in the English language in Lithuanian (no less than 600 characters).

Acknowledgements (if necessary).

A paper should be signed by the author or authors or other responsible persons, dated and supplied with the authors' office and home telephones, fax numbers and emails.

Papers based on nontraditional test data may have different structural parts of the text.

Text Preparation

A paper in Lithuanian or English should be computer typeset with *Microsoft Word* (font *Times New Roman*) on A4 paper (210 x 297 mm), on one side of a sheet 1.5 line spaced with both margins justified, and submitted on a CD-R or CD-RW disc. A space of 2.0 cm should be left at the top and that of 2.54 cm at the bottom of each page, and both the left-hand and right-hand margin should be 2.5 cm wide.

Paper Title, headings and main structural elements (**Abstract, Introduction, Methods and Conditions, Results and Discussion, Conclusions, References**) are put in bold. The Latin names of plant species, genera, diseases, pests, microorganisms are typed in italics (e.g. *Erisiphe graminis* DC ex Merat). Foreign names are written in their original form.

Tables

Data in Tables should not duplicate the information included in Figures or other Illustrations.

Table headings, their column and variant headings should be presented in Lithuanian and in English in the Lithuanian text. The English headings should be typed in italics. In the English text, they are written in English only. The position of Tables in the text should be indicated by a special line.

Test variants should be presented in Tables in full or easily conceivable abbreviated description form; one should avoid numbers and complicated abbreviations.

Each Table should be typed on a separate sheet, numbered and supplied with a heading.

Illustrations

All illustrations (drawings, charts, diagrams, photographs, etc) should be suitable for computer reproduction, so illustrations drawn by hand or photocopied are not acceptable. Lettering and symbols should be large enough, so that, when reduced, their size should be no less than 3 mm.

Original illustrations should be enclosed in an envelope with the author's first name and surname, and the title of the paper. Illustrations should be black-and-white (unless colour printing has been agreed upon), compact and suitable for reproduction: drawings should be of the highest resolution available; photographs should be positive glossy prints; line drawings should be done on drawing paper in Indian ink or computer-generated and printed by laser printer. The second copy of illustrations may be done by a photocopier. All lettering should be done in standard technical font. All illustrations should be marked on the back with the author's name, an abbreviated title of a paper, figure number, and an indication of their top. Illustrations should be provided in the actual size (a scale of 1 : 1) and their width should not exceed 80 mm (single column) or 165 mm (double column). Details of illustrations should be marked by letters or numbers and their explanations indicated in the list of illustrations.

Data presented in Tables and Figures should be processed statistically.

Nomenclature

All physical units, symbols, and abbreviations should conform to the system of standard SI units. Other units, if they contribute to better understanding, may be presented in parentheses.

Various terms and names should conform to the latest rules, names and forms of international and national nomenclature.

Tested soils should be characterized in accordance with the new FAO classification (<http://www.fao.org/ag/agl/agll/wrb/>). The symbols of pure elements should be used, e.g. the quantity of phosphorus in a plant should be marked by pure element P, however, in the description of a fertilizer amount one should explain that P₂O₅ is meant.

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