

Instructions for Authors

General Information

The journal *Agricultural Sciences* accepts original research papers for publication pertaining to the following research areas and trends:

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

technological sciences – environmental engineering and land management (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 learning. 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 a 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 and Russian, while articles in English should be supplied with abstracts in Lithuanian and Russian.

Authors are requested to submit two copies of the manuscript 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 the paper, the authors should guarantee that text content and authorship have been agreed upon 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 authors do 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 (floppy disk) 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 keeping with the requirements listed below and printed on paper. Authors are requested to submit 2 hard copies accompanied by an electronic version (diskette).

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 address and e-mail;**
- **main Text:**
- **Abstract** of no less than 600 characters and followed by no more than 10 key words;
- **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 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, 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 should be numbered in the text in one consecutive series with numbers in square brackets, *e.g.*, [6]. References should be listed in alphabetical order and in original spelling, first those in Latin characters, then in Russian ones in conformity with the requirements of Lithuanian bibliography (*e.g.*, Buivydaitytė V. V., Vaišys M., Juodis J. ir kt. Lietuvos dirvožemių klasifikacija. Vilnius: Lietuvos mokslas, 2001. 137 p.). If the number of authors exceeds three, the first three are indicated followed by *et al.*

The abstract of a paper in the Lithuanian language (no less than 600 characters) should be written in English and Russian, while that of a paper in the English language in Lithuanian and Russian.

Acknowledgments (if necessary).

A paper should be signed by the author or authors or other responsible persons and dated.

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 Office Word for Windows'97, 2000 text editors on A4 paper (210 × 297 mm), on one side of a sheet 1.5 line spaced with both margins justified, and submitted on a 1.44 MB diskette. 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 italic (*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.

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.

The position of Tables in the text should be indicated on the margins.

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 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 photocopied. All lettering should be done in a standard technical font. All illustrations should be marked on the back with the author's name, abbreviated title of the paper, figure number, and indication of the 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.

Test soils should be characterized in accordance with the new FAO classification (Classification of the Soils of Lithuania. Vilnius, 2001, p. 137), with the indication of the old classification in parentheses. 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 one should explain that by $P P_2O_5$ is meant.

Members of the Editorial Board are in charge of the following scientific trends and branches: J. Lazauskas – agronomy (plant growing, breeding and seed growing); A. Kusta – environmental studies and land management (reclamation), agricultural engineering; V. Vasiliauskienė – agronomy (meadow management, soil science, and agrochemistry); Z. Dabkevičius – agronomy (plant protection, phytopathology); V. Drochner – zootechnics; Ė. Jukna – zootechnics

(cattle husbandry and breeding); L. Kadpiulis – agronomy (plant growing, meadow management); S. Karazija – forest research; Z. Kawecki – agronomy, horticulture, truck farming, and plant physiology; H. G. Linner – environmental engineering and land management; A. Motuzas – agronomy (soil science, agrochemistry, and science theory); V. P. Ranèelis – biology (genetics); V. Stanys – agronomy (horticulture, truck farming, and biotechnologies).

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