

INSTRUCTIONS TO AUTHORS: “ŽEMDIRBYSTĖ=AGRICULTURE”

General requirements

Žemdirbystė=Agriculture is a **periodical publication of research articles** in the field of agronomy and related areas of biology sciences, published quarterly by the Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry in liaison with the Lithuanian University of Agriculture.

It publishes articles in the **English language** in the field of agronomy and related areas, which have not been previously published in scientific publications (except as theses, short reports, part of a lecture or review) and are based on scientific research, done in a temperate climate zone. The article must be based on recent (preferably the latter decade), original experimental material, original experimental material, and the content should reflect not only statement of facts but also statistically validated analyses of correlation, the factors affecting the results and modelling of processes, and predictions. The Editorial Board also accepts review, critical, problem, debating papers as well as those of a methodological nature, which, on assessment of their scientific level and relevance, can be published in this publication. Individual articles can be invited by the Editorial Board at their own discretion.

On submission of the manuscript to the Editorial Board of “Žemdirbystė=Agriculture”, the author(s) of the article guarantee(s) that the material of the manuscript and the major scientific conclusions have not been previously published, and that the content of the manuscript and authorship have been agreed with the co-authors. Authors grant agreement to publish article in the Information System of Lithuanian Science and Study Electronic Documents – the Lithuania Academic Electronic Library (<http://aleph.library.lt>), CABI database and in the Institution’s website (www.lzi.lt).

Suitability of the articles for this publication is approved, and the publication’s table of contents is arranged by the Editorial Board members, representing the key areas and branches of agronomy, and related areas of biology.

Manuscript submission-acceptance procedures

Any Lithuanian or foreign research worker is entitled to submit their articles to the Editorial Board. A manuscript prepared on the computer following directions given in this text has to be sent to the Editorial Board of the Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry (Instituto al. 1, Akademija, LT-58344 Kėdainiai distr., Lithuania, e-mail: zemdirbyste-agriculture@lzi.lt). The names of the referees are not revealed to the authors. If the author does not agree with evaluation remarks of referees, he or she can submit an answer or explanation to the Editorial Board. Members of the Editorial Board take their final decision concerning the eligibility of the manuscript.

Requirements for the manuscript

English spelling and grammar should follow standard British English usage. Authors are strongly advised to have papers reviewed linguistically prior to submission.

Structure and scope

The form of the manuscript must meet the requirements set for scientific articles. The text and its constituent parts should be arranged as follows:

Title of the article, not exceeding 10 words.

First name, surname of the author(s).

Institution, its address, corresponding author’s e-mail address.

Abstract, 1000–2000 characters (without spaces).

Key words, not exceeding 10.

Introduction.

Materials and methods.

Results and discussion.

Conclusion(s).

Acknowledgements (optional).

References, no less than 15.

Lithuanian authors should provide a **summary in Lithuanian**.

Manuscripts should not exceed a final length of **15 pages**, including tables and figures. Manuscripts should be typed using **Microsoft Office Word** text editor **Times New Roman (Baltic) font 12**. Format A4 (210 × 297 mm), spacing – single (1), alignment – justify. Width of margins: at the top and inside 2.5 cm, at the bottom and outside 2.0 cm.

Text

Title of the article, headings and major structural elements (**Abstract, Introduction, Materials and methods, Results and discussion, Conclusion(s), References**) should be written in Bold.

Latin names of plant species, genus, diseases, pests, micro-organisms should be written in full, in *Italic* (e.g., *Blumeria graminis* (DC.) Speer). The terms and names of plants, biology, entomology, phytopathology, pesticides, agrochemistry and soil must meet the most recent requirements of their international nomenclature, names and spelling.

Tables

The data presented in tables should not repeat the information presented in figures or other illustrations. Large tables should be avoided. If many data are to be presented, an attempt should be made to divide them over two or more tables. Tables should be numbered according to their sequence in the text in **Bold and Italic**, e.g. **Table 1**. Each table should have a brief and self-explanatory title. Column headings should be brief, but sufficiently explanatory. Any explanation essential to the understanding of the table should be given as a numbered or lettered footnote at the bottom of the table. The columns and rows in the tables should not be separated either by horizontal or vertical lines. Only horizontal lines should be used to separate column headings and the end of the table. The position of tables should be vertical only (Portrait).

Figures

All illustrative material – drawings, graphs, diagrams, photos, pictures etc. are called by a common name of **figures**, e.g., **Figure 1**. Figures are published only in black and white. Coloured photos will be represented only in the online version and black and white ones in the paper version. To maintain clear contrast, use line patterns instead of shading and avoid thin, light lines. Graphs should be done using **Microsoft Office Excel** and provided **in the text** of the manuscript and by a separate **Excel** file. If Figures are produced not in Excel, they should be in separate graphic .jpg or .tiff format files (in a resolution of at least 300 dpi). Times New Roman, font size 12 should be used in Figures (there should be no Bold, no frames around pictures).

Statistical data

The data provided in the tables and figures **should be statistically processed**.

Dimensions and nomenclature

All physical units, their names and symbols should meet the requirements of **SI system** (Système International d'Unités). Soil texture and systematic symbol should be indicated according to **FAO**, e.g., *Eutri-Epihypogleyic Cambisol* (CMg-p-w-eu).

References

The reference list should include more recent (preferably not older than 10 years) items – refereed scientific articles, scientific books and monographs and other scientific publication, except for textbooks, manuals or training materials. All publications cited in the text should be presented in a list of references. In the text refer to the author's name (without initial) and year of publication, for example (Gaile, 2012), (Velykis, Satkus, 2012), (Markūnas et al., 2011). If reference is made in the text to a publication written by more than two authors the name of the first author should be used followed by "et al.". References cited together in the text should be arranged chronologically. The list of references should be arranged alphabetically by authors' names, and chronologically per author. Publications by the same author(s) in the same year should be listed as 2012 a, 2012 b, etc. Titles of journals, conference proceedings etc. should not be abbreviated.

In the case of publications in any language other than English, the original title is to be retained and the original language should be indicated in parenthesis (e.g., in Lithuanian, in German).

Examples:

For periodical publications:

Bodner G., Himmelmbauer M., Loiskandl W., Kaul H. P. Improved evaluation of cover crop species by growth and root factors // *Agronomy for Sustainable Development*. – 2010, vol. 30, No. 2, p. 455–464

Masilionytė L., Maikštėnienė S. The influence of various organic fertilizers and catch crops on the balance of biogenic elements in the agrosystems // *Žemdirbystė=Agriculture*. – 2010, vol. 97, No. 2, p. 41–52

For books:

Management of agroecosystem components (summary) / sudaryt. L. Tripolskaja ir kt. – Akademija, Kėdainių r., 2010, 568 p. (in Lithuanian)

Гавриленко В. Ф., Жыгалова Т. В. Большой практикум по фотосинтезу. – Москва, 2003, 256 с. (in Russian)

For articles or chapters from books:

Mažvila J., Juozokas A. Žemės našumo vertinimo Lietuvoje apžvalga // The productivity of Lithuania's land (summary) / sudaryt. J. Mažvila. – Akademija, Kėdainių r., 2011, p. 8–28 (in Lithuanian)

For symposia, conference publications:

Kheyrodin H., Antoun H. Tillage manure effect on soil microbial biomass and respiration and on enzyme activities: 5th International Symposium ISMOM 2008. – Pucón, Chile, 2008, Session 4, p. 16

For on-line documents:

Weightman R., Kindred D. Review and analysis of breeding and regulation of hemp and flax varieties available for growing in the UK: final report for the Department for Environment Food and Rural affairs. – 2005. <<http://www.grfa.org.uk>> [accessed 28 01 2010]