

INSTRUCTIONS TO AUTHORS: “ZEMDIRBYSTE-AGRICULTURE”

General requirements

Zemdirbyste-Agriculture is a **periodical publication of research articles** in the field of agronomy and related areas of biology sciences, published quarterly by the Lithuanian Institute of Agriculture in liaison with the Lithuanian University of Agriculture.

It publishes articles in the **Lithuanian** and **English languages** 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. The article must be based on new, 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 “Zemdirbyste-Agriculture”, the author(s) of the article guarantees 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. Author grants 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.

Suitability of the articles for this publication is approved, and its contents are 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 Lithuanian Institute of Agriculture (Instituto al. 1, Akademija, LT-58344 Kėdainiai distr., Lithuania, e-mail: ruta@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 urged to have papers reviewed linguistically prior to submitting.

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.

Key words, not exceeding 10.

Introduction.

Materials and methods.

Results and discussion.

Conclusion(s).

Acknowledgements (optional).

References.

Lithuanian authors should provide a **Summary in English** and **translations** of tables and figures.

Manuscripts should not exceed a final length of **15 pages**, including tables and figures. Manuscripts should be typed using **MO Microsoft Word** text editor **Times New Roman (Baltic)**, font **12**. Format A4 (210 x 297 mm), spacing – single (1), alignment – justify. Width of margins: at the top 2.0 cm, at the bottom 2.54 cm, on the left and right 2.5 cm.

Text

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

Latin names of plant species, genus, diseases, pests, micro-organisms should be written 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 and numbered in Bold and Italic. 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** and the title written in Bold, Italic – **Figure 1**. Figures are published only in black and white. 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**.

References

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 /Bernotas, 2008/. 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 1994 a, 1994 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.

Examples:**For periodical publications:**

Cesevičienė J., Mašauskienė A. Pjūties laiko poveikis žieminių kviečių grūdų baltymų kiekiui ir sedimentacijos rodikliui [The effect of harvest time on winter wheat grain protein content and sedimentation index] // Žemdirbystė-Agriculture. – 2008, t. 95, Nr. 1, p. 58–72

Auškalnis A., Auškalnienė O. Weed control in spring barley by harrowing // Zemdirbyste-Agriculture. – 2008, vol. 95, No. 3, p. 388–394

Curci M., Pizzigallo M., Crecchio C. et al. Effects of conventional tillage on biochemical properties of soil // Biology and Fertility of Soil. – 1997, vol. 25, iss. 1, p. 1–6

For symposia, conference publications:

Jankauskas B. Efficiency of phosphorus and potassium on the acid and limed dystic albeluvisols // Potassium and phosphorus: fertilisation effect on soil and crops: proceedings of the regional IPI Workshop, October 23–24, 2000, Lithuania / Lithuanian Institute of Agriculture. – 2000, p. 110–118

For books:

Power A. G., Gray S. M. Aphid transmission of barley yellow dwarf viruses: interaction between viruses, vectors and host plants // Barley Yellow Dwarf: 40 years of Progress / eds. C. J. D'Arcy, P. A. Burnett. – St Paul, USA, 1995, p. 259–292

Новоселова А. С. Селекция и семеноводство клевера. – Москва, 1986. – 198 с.

For on-line documents:

Gren M., Jannke P., Elofsson K. Cost-effective nutrient reductions to the Baltic Sea // Environmental and Resource Economics. – 1997, vol. 4, p. 11–19. <<http://www.springerlink.com/content/h22u53001g482473/>> [accessed 27 11 2007]

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 (Systeme International de Unites).