



Role of Novel Methods in Education of Organic Plant Protection

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Abstract

New learning methods have reached significant importance in education in the last decade. Application of novel technologies is a great challenge and opportunity as well for universities to follow the direction where education develops. The aim of this paper is to introduce these strong initiatives as examples how novel technologies can serve the education of weed sciences. Green Plant Protection (GPP) will provide an easy access to all key issues of plant protection in ecological agriculture using web platform designed for standard (www.greenplantprotection.eu) and mobile version (m.greenplantprotection.eu). Internet is the key media of modules designed for eLearning and mLearning environment and the content can easily be upgraded. Training material is prepared in Slovak, Hungarian, Italian and English languages. Users will access the on-line learning resources after the registration on the web site.

The project will provide useful information for developing environmentally safe agricultural technologies heading to sustainable development that is one of the top priorities of European Union. GPP is dealing with animal pests, plant pathogens and weeds in cropland. A concise description in table format with hyperlinks to pictures and photos helps the users to identify the problematic weed first, and then familiarize with the damage the weeds cause and the possible control methods.

The project and its deliverables will offer additional career development training for users, and the practical implications of the project could significantly contribute to a reduction in the use of pesticides in agriculture.

The application of mobile devices into the online education is another new method in the distance education.