



Geographical distribution of challenging weed species

Data references



Poland

1. Rola J., Rola H., Badowski M. (2000). Segetal weed communities on ecological and conventional farms within Lower Silesia. *Pam. Puł. Z.122*: 21-29.
2. Stupnicka-Rodzynekiewicz E., Hochól T. (2000). Phytocenosis of cereals in ecological farms as shown on selected samples of Małopolska region. *Pam. Puł. Z.122*: 31-37.
3. Kapeluszný J., Haliniarz M. (2000). Weed infestation of cereal crops grown on ecological farms in the Lublin region. *Pam. Puł. Z.122*: 39-49.
4. Skrzyczyńska J., Rzymowska Z. Weeding grain plantations on ecological and traditional farms in Western Podlasie. *Pam. Puł. Z.122*: 51-58.
5. Barankiewicz A., Misiewicz J. (2000). Specificity of weeding of cereals in ecological farms in the Kujawy and Pomorze areas. *Pam. Puł. Z.122*: 77-82.
6. Trąba Cz., Majda J. (2000). Estimation of plantation weeding on ecological farms. *Pam. Puł. Z.122*: 177-185.
7. Feledyn-Szewczyk B. (2011). The weed infestation of spring wheat varieties cultivated in organic system. *J. Res. Appl. Agric. Engng*, 56(3), 71-76.
8. Staniak M., Bojarszczuk J., Księżak J. (2014). The assessment of weed infestation of oats-pea mixtures grown in organic farm. *Journal of Research and Applications in Agricultural Engineering*, 2014, Vol. 59(4): 83-88.
9. Feledyn-Szewczyk B., Duer I. (2006). Effectiveness of weed regulation methods in spring barley cultivated in crop production systems. *Prog. Plant. Prot./Post. Ochr. Rośl.*, 2006, Vol. 46 (1), s. 45-52.
10. Krawczyk R., Kierzek R. (2009). Formation of weed infestation formation in spring barley during the conversion period time of arable to organic farming land. In: „Wybrane zagadnienia ekologiczne we współczesnym rolnictwie” (Z. Zbytek red.). PIMR, Poznań, (ISBN 978-83-927505-3-6), 164 pp

Denmark

1. Blume S. (2012) Agerkål og agersennep kan bekæmpes. [Wild turnip and charlock can be controlled] In: Blume, Steffen (Ed.) Økologisk Planteavlberetning 2012. Økologisk Rådgivning, chapter 12, pp. 40-41.
2. Blume S. (2010) Den rette strategi mod rodukrudd. [The right strategy against perennial weeds]. In: Blume, Steffen (Ed.) Økologisk Planteavlsberetning 2010. , chapter 10, pp. 45-47.
3. Hansen J. (2013) Rækkedyrkning herunder erfaringer/forsøg med Cameleon. [Row cultivation. Experience/experiment with Cameleon]. In: Økologisk Planteavlsberetning 2013. Økologisk Rådgivning, pp. 8-12.
4. Melander B. (2015) Radrenseren er bedre end striglen i korn. [The hoe is better than the weed harrow]. *Økologi & Erhverv*, 24 April 2015 (565), p. 14.
5. Olsen L.E. (2011). Strategier til regulering af rodukrudd. [Strategies for the control of perennial weeds]. *Plantekongres 2011*, 11-13 Januar, Herning Kongrescenter, 172-174.
6. Rasmussen K., Holst N. & Kristensen I. (1998). Ukrudt på otte økologiske kvægbrug – betydende faktorer for ukrudtets udvikling 1989-1996. [Weed occurrence on eight organic cattle farms]. 15 *Danske Planteværnskonference 1998, Ukrudt. DJF rapport markbrug nr. 2. 1998*, 203-217

Sweden

1. Lundkvist A. (1998). Sammanställning och utvärdering av "Frågeformulär till ekologiska rådgivare – Ogräsreglering i ekologisk odling (jordbruk och trädgård)" skickad till rådgivare under sommaren 1997. Slutrapport. Jordbruksverket, Jönköping.
2. Lundkvist A. (1998). Ogräsreglering i ekologisk odling – en enkätundersökning. Växtskyddsnotiser 62:2, 23-26. <http://www.slu.se/sv/institutioner/ekologi/publikationer/vaxtskyddsnotiser/vaxtskyddsnotiser62/>
3. Boström, U. (1994). Ogräs och ogräsreglering vid ekologisk odling. Sammanställning av resultat från enkätundersökning. Sveriges lantbruksuniversitet, Institutionen för växtodlingslära.

Latvia

1. Lapīņš D., Piliksere D., Maļeckā S., Putniece G., Kopmanis J., Sanžarevska R., Jermušs A., Millere G., Melngalvis I., Zariņa L. (2016) occurrence of weed species in the agrocenosis in the regions of Latvia depending on crop sequence. zinātniski praktiskās konferences "Līdzsvarota lauksaimniecība" rakstu krājums. Jelgava, LLU, 78.-92.lpp. http://llufb.llu.lv/conference/lidzsva_lauksaim/2016/Latvia-lidzsvarota-lauksaimnieciba2016-78-92.pdf
2. Nečajeva J., Mintāle Z., Dudele I., Isoda-Krasovska A., Čūriške J., Rancāns K., Kauliņa I., Morozova O., Spuriņa L. (2015). Effects of crop rotation and field management methods on weed density and species composition in the southeastern part of Latvia. 10th International Scientific Practical Conference "Environment. Technology. Resources". Rēzeknes Augstskola, Rēzekne. 235-240. <http://journals.ru.lv/index.php/ETR/article/viewFile/275/727>
3. Maļeckā S., Damškalne, M. (2015). Weed species occurrence in cereal sowings in Kurzeme region. Zinātniski praktiskā konference "Līdzsvarota Lauksaimniecība 2015", 19. – 20.02.2015., LLU, Jelgava, Latvia. http://llufb.llu.lv/conference/lidzsva_lauksaim/2015/Latvia-Lidzsvarota-lauksaimnieciba2015-111-117.pdf
4. Nečajeva J., Dudele I., Mintāle Z., Isoda-Krasovska A., Čūriške J., Rancāns K., Polis D., Kauliņa I., Morozova O., Spuriņa L. 2015. Nezaļu izplatība graudaugu sējumos Latgalē. LLU zinātniski praktiskās konferences "Līdzsvarota lauksaimniecība" raksti. LLU, Jelgava, 117-121. http://llufb.llu.lv/conference/lidzsva_lauksaim/2015/Latvia-Lidzsvarota-lauksaimnieciba2015.pdf
5. Nečajeva J., Mintāle Z., Dudele I., Isoda-Krasovska A., Čūriške J., Rancāns K., Kauliņa I., Morozova O., Spuriņa L. 2015. Factors influencing weed species diversity in southeastern part of Latvia: analysis of a two-year weed survey data. "8th International Conference on Biodiversity Research", Book of Abstracts, Daugavpils, 28.-30.04.2015, Daugavpils University Academic Press "Saule", 103. http://8thbiodiversity.biology.lv/book_of_abstract_8thbiodiversity.pdf
6. Mintale Z., Vanaga I., Isoda-Krasovska A., Curiske J., Dudele I., Nečajeva J., Rancāns K. 2015. National surveys of weeds in arable fields in Latvia. Abstracts of 17th European Weed Research Society Symposium "Weed management in changing environments". P. 156.
7. Vanaga, I. 2013 Changes in dicot-weed species composition in spring barley in Latvia during the past 20 years. In: Communications in Agricultural and Applied Biological Sciences, Proceedings 64th International Symposium on Crop Protection. Gent: [22.05. 2012.] Ghent University, Vol: 77, No. 3, p. 369 – 377.
8. Vanaga I., Mintale Z., Smirnova O 2010. Dominant species of dicot-weeds and weed biodiversity in spring barley in Latvia. Communications in Agricultural and Applied Biological Sciences, Proceedings 62nd International Symposium of Crop Protection. May 18, 2010. Gent: Ghent University, Vol: 75 (2), p. 119-127.
9. Vanaga, I. 2010. Dynamics of the distribution of weeds and the possibilities of their control in cereals in crop rotations in Vidzeme . SUMMARY of the Doctoral thesis for the scientific degree Dr.agr. http://llufb.llu.lv/dissertation-summary/plant-protection/Ineta_Vanaga_promocijas_darba_kopsavilkums_2010_LLU_LF.pdf
10. Ausmane M., Gaile Z., Melngalvis I. 2008. The investigation of crop weediness in the crop rotation of organic farming systems. Agronomijas Vestis (Latvian Journal of Agronomy), No.10, LLU, 2008. <http://orgprints.org/18608/1/AgrVestis-Nr10-25-31.pdf>

Finland

1. Salonen J., et al. (2011). *Agricultural and Food Science* Vol 20: 245-261. Salonen, Jukka, et al. "Impact of changed cropping practices on weed occurrence in spring cereals in Finland—a comparison of surveys in 1997–1999 and 2007–2009." *Weed Research* 53.2 (2013): 110-120.
2. Salonen J., Hyvönen T., & Jalli H., (2008) "Composition of weed flora in spring cereals in Finland—a fourth survey." *Agricultural and food science* 20.3: 245-261.
3. Researcher (2016): Long-term experience in organic cropping, incl. his own farm further North in Finland (close to Oulu)
4. Project leader (2016): Comprehensive view from practical farms which have participated the projects in Uusimaa (Helsinki region)
5. Teacher (2016): Teaching plant protection in organic farming and having own experience from projects on farms close to Vaasa

Germany

1. Albrecht H., (2005). Development of arable weed seed banks six years after the change from conventional to organic farming. pp.339–350.
2. Dierauer H., (2010). Biogetreide. FiBL leaflet.
<https://shop.fibl.org/de/artikel/c/ackerbau/p/1011-biogetreide.html>
3. Niggli U, Dierauer H., (2000). Unkrautbekaempfung im ökologischen Landbau in der Schweiz. Forschungsinstitut für biologischen Landbau (FiBL), <http://orgprints.org/00001973>
4. Berichten aus Biologische Bund für Land- und Forstwirtschaft, (2000).
http://oekologischerlandbau.jki.bund.de/dokumente/upload/84b87_heft072.pdf
5. Van Elsen T., (2000). Species diversity as a task for organic agriculture in Europe. *Agriculture, Ecosystems & Environment*, 77(July 1999), pp.101–109.
6. Gabriel D., Roschewitz I., (2006). Beta diversity at different spatial scales: plant communities in organic and conventional agriculture. *Ecological Applications*, 16(5), pp.2011–2021.
7. Wilhelm B., Hensel O., (2011). Landtechnische Lösungen zur Beikrautregulierung im Ökolandbau, *Berichte aus Forschung und Praxis*.
http://orgprints.org/19829/1/2657_Handbuch%20Unkraut%20LR.pdf
8. Laber H., (2009). Ertragsverluste in Öko-Gemüseerbsen lagen in Abhängigkeit von der Unkrautmasse. Sächsisches Landesamt für Umwelt, Landwirtschaft und Geologie, Abteilung Gartenbau.
9. Expert on Organic Agriculture in the region Mecklenburg-Vorpommern. LFA Mecklenburg-Vorpommern, (2016).