

ORC Publications: 2017-18

ORC Bulletin

Three issues (124 – 126) of the ORC Bulletin produced.



Factsheets & technical guides

AFINET

Browse, preserved tree fodder and nutrition. **Whistance L** (December 2018) How offering access to browse and feeding tree fodder can supplement the diet of domestic animals.

AFINET Factsheet 12.

<https://zenodo.org/record/2454797#.XJI2iSj7TIU>

Trees for shade, shelter, survival and body maintenance.

Whistance L (December 2018) How offering access to trees can improve the welfare of domestic animals.

AFINET Factsheet 13.

<https://zenodo.org/record/2454775#.XJI2Sij7TIU>

Managing the tree understorey opportunities for crop diversification. **Smith J, Westaway S** (December 2018)

AFINET Factsheet 14.

<https://zenodo.org/record/2454749#.XJI2-Sj7TIU>

AGFORWARD

Agroforestry and decentralised food and energy production. **Wolfe M** (November 2017). AGFORWARD Innovation Leaflet 34.

<https://zenodo.org/record/2621319>

Trees and crops: making the most of the space. **Westaway S, Smith J** (November 2017). AGFORWARD Innovation Leaflet 35.

<https://zenodo.org/record/2621315>

Silvopoultry: establishing a sward under the trees.

Westaway S (November 2017) AGFORWARD Innovation Leaflet 40. <https://zenodo.org/record/2621323>

Combining organic livestock and bioenergy production **Smith J** (November 2017) AGFORWARD Innovation Leaflet 46.

<https://zenodo.org/record/2621310>

CERERE

Baking with the Organic Wakelyns Wheat Population Flour. **Sellars A** (2018) CERERE Practice Abstract No 5.

<http://orgprints.org/35240/>

Crop Management for Underutilised and Minor Grains. **Sellars A, Marriage M** (2018). CERERE Practice Abstract No 6.

<http://orgprints.org/35243/>



Growing Organic Spelt and Ensuring a Market. **Sellars A, Trump A** (2018). CERERE Practice Abstract No 7.

<http://orgprints.org/35241/>

DIVERSIFOOD

Innovative approaches to embed diversity in food systems: DIVERSIFOOD outcomes from field to plate. (2018) Rey F, Chable V. (Eds.) Booklet#6. DIVERSIFOOD Project.

<http://orgprints.org/35235/>

LIVESEED

How to implement the organic regulation to increase production & use of organic seed.

(2018) LIVESEED Booklet #1.

<http://orgprints.org/35074/>

OK-Net Arable

Ok-Net Arable knowledge platform

<http://farmknowledge.org/index.php>

Dock Control (English edition Feb 2018). Research Institute of Organic Agriculture (FiBL), Organic Research Centre (ORC). OK-Net Arable Leaflets and guidelines (2014).

<https://tinyurl.com/FiBL-docks>

Farmers and researchers explore the potential for improving nitrogen (N) efficiency in organic rotations with the NDICEA Model (Feb 2018). Knowledge Sharing on the OK Net Arable Hub.

<http://farmknowledge.org/index.php/knowledge-sharing-orc>

NDICEA - A digital tool to model nutrient balances across a crop rotation (Jan 2018). OK-Net Arable Practice Abstract http://orgprints.org/32609/1/PA_014_ORC_NDICEA_final.pdf

Are we mining the soil? The experience of using NDICEA with UK arable farmers (Feb 2018) OK-Net Arable video <http://orgprints.org/32847/>

Organic Potatoes: Cultivating quality – step by step. Technical Guide English Edition (Feb 2018) Research Institute of Organic Agriculture (FiBL), Organic Research Centre (ORC).

<https://tinyurl.com/FiBL-potatoes>

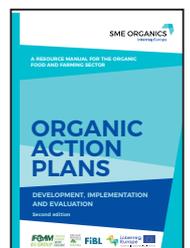
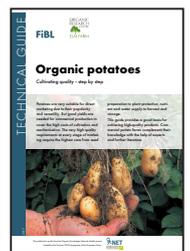
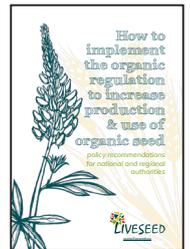
Other

Organic Action Plans: Development, Implementation and Evaluation (2018) Meredith S, **Lampkin N**, Schmid O (2nd Edition Mar 2018) IFOAM-EU; ORC; SME Organic Projects.

<http://orgprints.org/32771/>

Organic is operational. EIP-AGRI Brochure about operational groups in organic agriculture (Feb 2018)

<https://tinyurl.com/Organic-Operational>



Peer reviewed publications

Bliss K, Padel S, Ducottet C, Cullen B, Mullender S, Rasmussen I, Moeskops B (2018) Exchanging knowledge to improve organic arable farming: An evaluation of knowledge exchange tools with farmer groups across Europe. *Organic Agriculture*. <https://doi.org/10.1007/s13165-018-0238-6>.

Sacchi G, Cei L, Stefani G, Virginia G, Lombardi BR, Belletti G, **Padel S, Sellars A**, Gagliardi E, Nocella G, Cardey S, Mikkola M, Zimoch U, Macken-Walsh A, McIntyre B, Hyland J, Henchion M, Bocci R, Bussi B, Santis GD, Hurtado IRy, Kochko Pd, Riviere P, Carrascosa M, Martínez I, **Pearce B, Lampkin N**, Vindras C, Rey F, Chable V, Cormery A, Vasvari G (2018) A multi-actor literature review on alternative and sustainable food systems for the promotion of cereal biodiversity. *Agriculture*. <https://DOI.org/10.3390/agriculture8110173>.

Pretty J, Benton TG, Bharucha ZP, Dicks LV, Flora CB, Godfray HCJ, Goulson D, Hartley S, **Lampkin N**, Morris C, Pierzynski G, Prasad PVV, Reganold J, Rockström J, Smith P, Thorne P, Wratten S (2018) Global assessment of agricultural system redesign for sustainable intensification. *Nature Sustainability*, 1 (8), 441-446. <https://doi.org/10.1038/s41893-018-0114-0>.

Orsini S, Padel S, Lampkin N (2018) Labour Use on Organic Farms: A Review of Research since 2000. *Organic Farming*. <http://www.librelloph.com/organicfarming/article/view/of-4.1.7>

Pascual JA, Ceglie F, Tuzel Y, Koller M, Koren A, **Hitchings R**, Tittarelli F (2018) Organic substrate for transplant production in organic nurseries. A review. *Agronomy for Sustainable Development*, 38 (3), 35. <https://doi.org/10.1007/s13593-018-0508-4>

Hashem S, Migliore G, Schifani G, Schimmenti E, **Padel S** (2018) Motives for buying local, organic food through English Box Schemes). *British Food Journal* 120 (7), 1600-1614. <https://doi.org/10.1108/BFJ-08-2017-0426>

Westaway S, Kling C, Smith J (2018) A comparison of the performance of three sward mixtures sown under trees in a silvopoultry system in the UK. *Agroforestry Systems*, 92 (4), 1009-1018. <https://doi.org/10.1007/s10457-017-0142-1>

Smith LG, Jones PJ, Kirk GJD, **Pearce BD**, Williams AG (2018) Modelling the production impacts of a widespread conversion to organic agriculture in England and Wales. *Land Use Policy*, 76 391-404. <https://www.sciencedirect.com/science/article/pii/S0264837717309882>

Papp R, Marinari S, Moscatelli MC, van der Heijden MGA, Wittwer R, Campiglia E, Radicetti E, Mancinelli R, **Fradgley N, Pearce B**, Bergkvist G, Finckh MR (2018). Short-term changes in soil biochemical properties as affected by subsidiary crop cultivation in four European pedo-climatic zones. *Soil and Tillage Research* 180, 126-136.

Other publications

Arsenos G, **Zaralis K**, Zanolli R, Del Prado A, Rose G, Banos G, Thomas C (2017) iSAGE: Innovation to improve efficiency in sheep and goats. 8th International Conference on Information and Communication Technologies in Agriculture, Food & Environment September 21-24, 2017, Chania, Crete, Greece.

Bickler C, Costanzo A, Pearce B (2018) Marketing of a genetically diverse wheat (ORC Wakelyns population): Lessons learnt and routes forward. Symposium on Breeding for Diversification: A Joint Meeting of the EUCARPIA Section, Organic and Low-Input Agriculture, ECO-PB, LIVESEED, INSUSFAR, DIVERSify, HealthyMinorCereals, ReMIX, and Wheatmix University of Kassel, 19th–21st February 2018, Witzenhausen, Germany. Pages 122. Kassel University Press GmbH.

Bliss K, Padel S, Ducottet C (2018) Evaluation of the usefulness of tools and end-user materials to farmers. D 2.2 of OK-Net Arable. Organic Research Centre. Newbury.

Chable V, Rey F, **Costanzo A** (2018) Introduction. Proceeding DIVERSIFOOD Congress 2018, 'Cultivating Diversity and Food Quality', 10-12 December 2018, Rennes, France.

Costanzo A, Amos D, Dinelli G. (2018) Three years of Emmer, Einkorn and Rivet wheat trials in UK organic farming. Poster. Proceeding DIVERSIFOOD Congress 2018, 'Cultivating Diversity and Food Quality', 10-12 December 2018, Rennes, France.

Costanzo A. (2018). Participatory evaluation of underutilized crops: diversity of plants, diversity of people. Keynote. Proceeding DIVERSIFOOD Congress 2018, 'Cultivating Diversity and Food Quality', 10-12 December 2018, Rennes, France.

Lampkin N (ed.) (2018) Response to the Defra Health and Harmony Consultation. English Organic Forum, Newbury. <https://tinyurl.com/ORC-Health-Harmony>

Padel S (2018) Setting and reviewing standards for organic farming. Chapter 13 in: Koepke, U. eds. Improving organic crop cultivation. Burleigh Dodds Science Publishing pp. 345-364. <http://dx.doi.org/10.19103/AS.2017.0029.14>

Padel S, Rossi A, D'Amico S, Sellars A, Oehen B (2018) Case studies of the marketing of products from newly bred lines and underutilized crops- D5.1 Deliverable of the Diversifood Project Organic Research Centre. Newbury. <http://orgprints.org/34456/>

Padel S, Rubinstein O, Woolford A, Egan J, Leake A, Levidow L, Pearce B, Lampkin N (2018) Transitions to Agroecological Systems: Farmers' Viewpoints. A Report for the Landuse Policy Group. Organic Research Centre and Game and Wildlife Conservation Trust. Newbury and Fordingbridge.

Pearce BD, Wolfe M, Costanzo A (2018). A modern landrace: the creation and performance of composite cross populations of winter wheat. 1st International Conference for Wheat Landraces for Healthy Food Systems. Bologna, Italy. June 13-15. 2018.

Smith J, Westaway S, Kling C (2017) Lessons learnt: poultry agroforestry in the UK. D5.14. Deliverable of the FP7 Agforward project. <https://zenodo.org/record/2625709>

Smith J, Whistance L, Costanzo A, Deremetz V (2017) Lessons learnt: agroforestry for ruminants in England. D5.14. Deliverable of the FP7 Agforward project. <https://zenodo.org/record/2625713>

Smith J, Costanzo A, Fradgley N, Mullender S, Wolfe M, Palma J (2017) Lessons learnt: Silvoarable agroforestry in the UK (Part 2). D4.11. Deliverable of the FP7 Agforward project <https://zenodo.org/record/2625723>

Smith J, Westaway S, Venot C, Cathart-James M (2017) Lessons learnt: Silvoarable agroforestry in the UK (Part 2). D4.11. Deliverable of the FP7 Agforward project <https://zenodo.org/record/2625719>

Smith J, Deremetz V, Gerrard C, Costanzo A (2018) Interactions between trees, crops and animals: experiences in a novel bioenergy-livestock system in the UK. 4th European Agroforestry Conference. Nijmegen, Netherlands 28-30 May 2018.

Smith J, Westaway S, Whistance L (2018) Tree fodder in UK livestock systems: opportunities and barriers. 4th European Agroforestry Conference. Nijmegen, Netherlands 28-30 May 2018.

Smith L, Smith J, Wolfe M, Ghaley B, Pisanelli A, Lauteri M, Fereres E, Calderon R, Sandor M, Gliga A, Wawer R, Borek R (2018) A multi-factorial sustainability assessment of five European agroforestry farms. 4th European Agroforestry Conference. Nijmegen, Netherlands 28-30 May 2018.

Whistance LK, Pearce BD, Papi E, Roinsard A, Steinfeldt S, Alford J, Djisalov J, Marty F, Mouchard T, Perez AM, Schmelzer E, Wivstad M, Åkerfeldt M, Moeskops B. (2018) Deliverable 3.1 (D3.1). Synthesis report on Innovation Group Framework. Developed by EU-H2020 project OK-Net EcoFeed ('Organic Knowledge Network on Monogastric Animal Feed'), funded by the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement Number 773911.

Zaralis K, Smith L, Belanche A, Morin E, Mullender S, Martín-García I, Yañez-Ruiz D (2017) Developing an assessment tool to evaluate the sustainability of sheep and goat farming systems in Europe. In 8th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2017), Chania, Greece, 21-24 September 2017.