

Legume Futures lead author	Title	Journal	Year
Bergkvist, G (SLU)	Clover cover crops under-sown in winter wheat increase yield of subsequent spring barley—Effect of N dose and companion grass.	Field Crops Research	2011
López-Bellido, L. (UCO)	Tillage system effect on nitrogen rhizodeposited by faba bean and chickpea	Field Crops Research	2011
López-Bellido, R.J. (UCO)	Chickpea and faba bean nitrogen fixation in a Mediterranean rainfed Vertisol: Effect of the tillage system	European Journal of Agronomy	2011
Muñoz-Romeo, V. (UCO)	Faba bean root growth in a Vertisol: Tillage effects	Field Crops Research	2011
Melero S. (UCO)	Long-term effect of tillage, rotation and nitrogen fertiliser on soil quality in a Mediterranean Vertisol	Soil & Tillage Research	2011
Melero S. (UCO)	Stratification ratios in a rainfed Mediterranean Vertisol in wheat under different tillage, rotation and N fertilisation rates	Soil & Tillage Research	2012
Muñoz-Romeo, V. (UCO)	The effects of the tillage system on chickpea root growth	Field Crops Research	2012
López-Bellido, R.J. (UCO)	Cropping Systems: Shaping Nature	Encyclopedia of Sustainability Science and Technology	2012
López-Bellido, L. (UCO)	Wheat response to nitrogen splitting applied to a Vertisols in different tillage systems and cropping rotations under typical Mediterranean climatic conditions	European Journal of Agronomy	2012
Fernández-García, P. (UCO)	Chickpea water use efficiency as affected by tillage in rainfed Mediterranean conditions	Agricultural Water Management	2013
López-Bellido, L. (UCO)	Nitrate accumulation in the soil profile: Long-term effects of tillage, rotation and N rate in a Mediterranean Vertisol	Soil & Tillage Research	2013
Murphy-Bokern, D. (DMB)	Food choices, health and environment: effects of cutting Europe's meat and dairy intake	Global Environmental Change	2014
Pappa, V.A. (SRUC)	Nitrous oxide emissions and nitrate leaching in an arable rotation resulting from the presence of an intercrop	Agriculture, Ecosystems & Environment	2011
Pappa, V.A. (SRUC)	Intercropping: effect on yield and N balances in a three year crop rotation.	The Journal of Agricultural Science	2012
Burchill, W. (SRUC)	Inter-annual variation in nitrous oxide emissions from white clover based grassland used for dairy production	Global Change Biology	2014
Rasmussen, J. (AU)	N ₂ -fixation and residual effect of four legume species and four companion grass species	European Journal of Agronomy	2012
Doltra, J. (AU)	Cereal yield and quality as affected by N availability in organic and conventional crop rotations in Denmark: a combined modeling and experimental approach	European Journal of Agronomy	2011
Doltra, J. (AU)	The role of catch crops in the ecological intensification of spring cereals in organic farming under Nordic climate	European Journal of Agronomy	2013
Petersen, S.O. (AU)	Sources of nitrogen for winter wheat in organic cropping systems	Soil Sci.Soc.Am. J.	2013
Chirinda, N. (AU)	Emissions of nitrous oxide from arable organic and conventional cropping systems on two soil types	Agriculture, Ecosystems & Environment	2010
Eriksen, J. (AU)	Complementary effects of red clover inclusion in ryegrass/white clover swards for grazing and cutting	Grass and Forage Science	2013
Brozyna, M.A. (AU)	Effects of grass-clover management and cover crops on nitrogen cycling and nitrous oxide emissions in a stockless organic crop rotation	Agriculture, Ecosystems & Environment	2013
Tortorella D. (UDM)	Chemical and biological responses in a Mediterranean sandy clay loam soil under grain legume-barley intercropping.	Agrochimica	2013
Stoddard, F. (UH)	Nitrous oxide emissions from perennial grass-legume cropping systems for bioenergy use	Nutr Cycl Agroecosyst	2015

Stoddard, F. (UH)	Nutritive quality and protein production from grain legumes in a boreal climate	Journal of Science in Food and Agriculture	2014
Reckling, M. (ZALF)	Trade-offs between economic and environmental impacts of introducing legumes into cropping systems	Frontiers in Plant Science	2016
Preissel, S. (ZALF)	Magnitude and farm-economic value of grain legume pre-crop benefits in Europe: A review.	Field Crops Research	2015
Zander, P. (ZALF)	Grain legume decline and potential recovery in European agriculture: a review	Agronomy for sustainable development	2016
Rees, R. (SRUC)	Potential of legume-based grassland and livestock systems in Europe: a review.	Grass and Forage Science	2014
Burchill, W. (Teagasc)	A system N balance for a pasture-based system of dairy production under moist maritime climatic conditions	Agricultural Ecosystems and Environment	2016
Burchill, W. (Teagasc)	Comparisons of biological nitrogen fixation by white clover (<i>Trifolium repens</i> L.) under four fertiliser nitrogen inputs measured using two ¹⁵N techniques	Plant and Soil	2014
Burchill, W. (Teagasc)	Inter-annual variation in nitrous oxide emissions from perennial ryegrass/white clover grassland used for dairy production.	Global Change Biology	2014
Bilalis D. (AUA)	Effects of fertilization and salinity on weed flora in common bean (<i>Phaseolus vulgaris</i> L.) grown following organic or conventional practices	Australian journal of Crop Science	2014
Kontopoulou, C.K. (AUA)	Responses of hydroponically grown common bean fed with nitrogen-free nutrient solution to root inoculation with N-2-fixing bacteria	HortScience	2015
Olesen, J.E. (AU)	Effects of contrasting catch crops on nitrogen availability and nitrous oxide emissions in an organic cropping system	Agriculture, Ecosystems & Environment	2014
Olesen, J.E. (AU)	Modelling nitrous oxide emissions from organic and conventional cereal-based cropping systems under different management, soil and climate factors.	European Journal of Agronomy	2015
Stoddard, F. (UH)	Perennial crop growth in oil-contaminated soil in a boreal climate.	Science of the Total Environment	2015
Lindström, K. (UH)	Characterization of successional changes in bacterial community composition during bio-remediation of used motor oil-contaminated soil in a boreal climate	Science of the Total Environment	2016
Scalise A. (UDM)	Legume-barley intercropping stimulates soil N supply and crop yield in the succeeding durum wheat in a rotation under rainfed conditions	Soil Biology & Biochemistry	2015
Reckling, M. (ZALF)	A cropping system assessment framework - evaluating effects of introducing legumes into crop rotations. European Journal of Agronomy 76, 186-197.	European Journal of Agronomy	2016