

2015 Publications

(updated 9/9/2019)

1711. Aguilar, J., Gramig, G.G., Hendrickson, J.R., Archer, D.W., **Forcella, F.** and Liebig, M.A. 2015. Crop species diversity changes in the United States: 1978-2012. PLoS ONE 10(8):e0136580. DOI:10.1371/journal.pone.0136580.
1718. Berti, M., and **Gesch, R.W.** 2015. Cuphea production and management. In: Cruz, V.M.V., Dierig, D.A., editors. Industrial Crops, Handbook of Plant Breeding 9. New York, NY: Springer Science+Business Media. p. 291-313.
1716. Berti, M., **Gesch, R.W.**, Johnson, B., Ji, Y., Seames, W., Aponte, A. 2015. Double- and relay-cropping of energy crops in the northern Great Plains, USA. Industrial Crops and Products. 75(B):26-34. <http://handle.nal.usda.gov/10113/61654>
1715. **Eberle, C.A., Thom, M.D.**, Nemec, K.T., **Forcella, F.**, Lundgren, J.G., **Gesch, R.W.**, Riedell, W.E., Papiernik, S.K., Wagner, A.K., **Peterson, D.H., Eklund, J.J.** 2015. Using pennycress, camelina, and canola cash crops to provision pollinators. Industrial Crops and Products. 75:20-25. <http://handle.nal.usda.gov/10113/61664>
1703. **Forcella, F.**, Eberle, C.A., **Gesch, R.W.**, **Johnson, J.M.** 2015. Oilseed cuphea tolerates bromoxynil. Industrial Crops and Products. 70:201-203. <http://handle.nal.usda.gov/10113/60554>
1708. **Forcella, F., Eklund, J.J., Peterson, D.H.** 2015. Rolled-crimped winter rye cover effects on hand-weeding times and fruit yield and quality of cucurbits. International Journal of Vegetable Science. 21(4): 386-396. doi: 10.1080/19315260.2014.880542. <http://handle.nal.usda.gov/10113/61082>
1726. **Gesch, R.W., Forcella, F.**, Papiernik, S.K., Eberle, C., Riedell, W.E., Lundgren, J.G., Nemec, K.T., **Weyers, S.L., Johnson, J.M., Thom, M.D.** 2015. Industrial oilseeds bolster "hub" crop yields when used in rotation [abstract]. Association for the Advancement of Industrial Crops. p. 19.
1714. **Gesch, R.W.**, Isbell, T., Oblath, E.A., Allen, B.L., Archer, D.W., Brown, J., Hatfield, J.L., Jabro, J.D., Kiniry, J.R., Long, D.S., Vigil, M.F. 2015. Comparison of several Brassica species in the north central U.S. for potential jet fuel feedstock. Industrial Crops and Products. 75(B):2-7. <http://handle.nal.usda.gov/10113/61656>
1706. **Gesch, R.W.** and **Johnson, J.M-F.** 2015. Water use in camelina-soybean dual cropping systems. Agron. J. 107(3):1098-1104. <http://handle.nal.usda.gov/10113/60946>
1709. **Jaradat, A.A.** 2015. Beyond biodiversity: Ecosystem services of crop wild relatives. In: Redden, R., Yadav, S.S., Maxted, N., Ehsan Dulloo, M, Guarino, L. and Smith, P., editors. Crop Wild Relatives and Climate Change. New York, NY: John Wiley & Sons. p. 336-349.
1820. **Jaradat, A.A.** 2015. Biodiversity, genetic diversity and genetic resources of date palm. Book Chapter. In: Al-Khayri, J.M., Jain, S.M. and Johnson, D.V., editors. Date Palm Genetic Resources and Utilization. New York, NY: Springer. p. 19-71.
1713. **Jaradat, A.A.** 2015. Genotypic response to multiple abiotic stresses: Functional relationships among nutrients. Procedia Environmental Sciences. 29:45-46. DOI: 10.1016/j.proenv.2015.07.148.
1712. **Jaradat, A.A.** 2015. Genotypic response to multiple abiotic stresses: Nutrient density and stability. Procedia Environmental Sciences. 29:28-29. DOI: 0.1016/j.proenv.2015.07.138.
1700. Kim, K. and **Gesch, R.W.** 2015. Macro and microminerals of four Cuphea genotypes grown across the upper Midwest USA. Industrial Crops and Products 66:38-43. <http://handle.nal.usda.gov/10113/60132>
1701. Lehman, R.M., Acosta-Martinez, V., Buyer, J.S., Cambardella, C.A., Collins, H.P., Ducey, T.F., Halvorson, J.J., Jin, V.L., **Johnson, J.M-F.**, Kremer, R.J., Lundgren, J.G., Manter, D.K., Maul, J.E., Smith, J.L. and Stott, D.E. 2015. Soil biology for resilient, healthy soil. Journal of Soil and Water Conservation 70(1): 12A-18A.
1707. Mueller, S., Unnasch, S., Tyner, W., Pont, J., **Johnson, J.M.** 2015. Handling of co-products in life cycle analysis in an evolving co-product market: A case study with corn stover removal. Advances in Applied Agricultural Science. 3(5):8-21. <http://handle.nal.usda.gov/10113/61089>
1704. Royo-Esnal, A., Garcia, A.L., Torra, J., **Forcella, F.**, Recassens, J. 2015. Describing *Polygonum aviculare* emergence in different tillage systems. Weed Research. DOI: 10.1111/wre.12154. <http://handle.nal.usda.gov/10113/60702>
1722. Royo-Esnal, A., **Gesch, R.**, **Forcella, F.**, Torra, J., Recasens, J., Necajeva, J. 2015. The role of light in the emergence of weeds: Using *Camelina microcarpa* as an example. PLoS ONE 10(12):e0146079. doi:10.1371/journal.pone.0146079. <http://handle.nal.usda.gov/10113/61889>
1702. Royo-Esnal, A., Necajeva, J., Torra, J., Recasens, J., **Gesch, R.W.** 2015. Emergence of field pennycress (*Thlaspi arvense* L.): Comparison of two accessions and modelling. Industrial Crops and Products. 66:161-169.
1729. Sindelar, A.J., Schmer, M.R., **Gesch, R.W.**, **Forcella, F.**, Eberle, C.A., Thom, M.D., Archer, D.W. 2015. Winter oilseed production in the U.S. Corn Belt: Opportunities and limitations. Global Change Biology Bioenergy. Available: <http://onlinelibrary.wiley.com/doi/10.1111/gcbb.12297/full>. <http://handle.nal.usda.gov/10113/63129>
1710. Thapa, R., Chatterjee, A., **Johnson, J.M.**, Awale, R. 2015. Stabilized nitrogen fertilizers and application rate influence nitrogen losses under rainfed spring wheat. Agronomy Journal. 107(5):1885-1894. DOI:10.2134/aj15.0081. <http://handle.nal.usda.gov/10113/61118>
1705. **Thom, M.D.**, Daniels, J.C., Kobziar, L.N., Colburn, J.R. 2015. Can butterflies evade fire? Pupa location and heat tolerance in fire prone habitats of Florida. PLoS One. 10(5):e0126755. Doi: 10.1371/journal.pone.0126755. <http://handle.nal.usda.gov/10113/60943>
1725. **Thom, M.D.**, Eberle, C.A., **Forcella, F.** 2015. Pollen resources for pollinators in specialty oilseed crops [abstract]. Entomological Society of America Annual Meeting. Nov. 15-18, 2015, Minneapolis, MN. Presentation No. 1755.