2019 Publications

(updated 10/3/2019)

1809. Clay, D.E., Alverson, R., **Johnson, J.M.**, Karlen, D.L., Clay, S., Wang, M.Q., Bruggeman, S., Westhoff, S. 2019. Crop residue management challenges: A special issue overview. Agronomy Journal. 111:1-3. https://doi.org/10.2134/agronj2018.10.0657.

1821. Cubins, J.A., Wells, M.S., Frels, K., Ott, M.A., Forcella, F., Johnson, G.A., Walia, M.K., Becker, R.L., **Gesch, R.W.** 2019. Management of pennycress as a winter annual cash cover crop. A review. Agronomy for Sustainable Development. 39:46. https://doi.org/10.1007/s13593-019-0592-0.

1817. **Gesch, R.W.,** Long, D.S., Palmquist, D.E., Allen, B.L., Archer, D.W., Brown, J., Davis, J.B., Hatfield, J.L., Jabro, J.D., Kiniry, J.R., Vigil, M.F., Oblath, E.A., Isbell, T. 2019. Agronomic performance of Brassicaceae oilseeds in multiple environments across the western United States. BioEnergy Research. 1-15. https://www.doi.org/10.1007/s12155-019-09998-1.

1816. Goldstein, W., **Jaradat, A.A**., Hurburgh, C., Pollak, L., Goodman, M. 2019. Breeding maize under biodynamic-organic conditions for nutritional value and N efficiency/N2 fixation. Open Agriculture Journal. 4:322-345. https://doi.org/10.1515/opag-2019-0030.

1824. **Jaradat, A.A.** 2019. Comparative assessment of einkorn and emmer wheat phenomes: III. Phenology. Genetic Resources and Crop Evolution. https://doi.org/10.1007/s10722-019-00816-3.

1823. **Jaradat, A.A.** 2019. Comparative assessment of einkorn and emmer wheat phenomes: II. Phenotypic integration. Genetic Resources and Crop Evolution. https://doi.org/10.1007/s10722-019-00840-3.

1812. **Jaradat, A.A.** 2019. Comparative assessment of einkorn and emmer wheat phenomes: I. Plant architecture. Genetic Resources and Crop Evolution. 66:491-512. https://www.doi.org/10.1007/s10722-018-0729-z.

1808. **Johnson, J.M.**, Barbour, N.W. 2019. Stover harvest did not change soil nitrous oxide emissions in two Minnesota fields. Agronomy Journal. 111:143-155. https://doi.org/10.2134/agronj2018.09.0591.

1819. Moore, K., Anex, R., Elobeid, A.E., Fei, S., Flora, C.B., Goggi, S., Jacobs, K., Jha, P., Kaleita, A.L., Karlen, D.L., Laird, D.A., Lenssen, A.W., Lubberstedt, T., Mcdaniel, M.D., Raman, D.R., **Weyers, S.L.** 2019. Regenerating agricultural landscapes with perennial groundcover for intensive crop production. Agronomy. 9(8):458. https://doi.org/10.3390/agronomy9080458.

1815. Ott, M.A., Eberle, C.A., Thom, M.D., Archer, D.W., **Forcella, F., Gesch, R.W.,** Wyse, D.L. 2019. Economics and agronomics of relay-cropping pennycress and camelina with

soybean in Minnesota. Agronomy Journal. 111:1281-1292. https://doi.org/10.2134/agronj2018.04.0277.

1811. Royo-Esnal, A., **Gesch, R.W.**, Necajeva, J., **Forcella, F.**, Edo-Tena, E., Recasens, J., Torra, J. 2019. Germination and emergence of Neslia paniculata (L.) Desv. Industrial Crops and Products. 129:455-462. https://doi.org/10.1016/j.indcrop.2018.12.030.

1818. **Weyers, S.L.,** Thom, M.D., **Forcella, F.,** Eberle, C.A., Matthees, H.L., **Gesch, R.W**., Ott, M., Feyereisen, G.W., Strock, J.S., Wyse, D. 2019. Potential for nutrient loss reduction in cover cropped systems in the Upper Midwest. Journal of Environmental Quality. 48(3):660-669. https://doi.org/10.2134/jeq2018.09.0350.

1822. Zanetti, F., Isbell, T.A., **Gesch, R.W.**, Evangelista, R.L., Alexopoulou, E., Moser, B. and Monti, A. 2019. Turning a burden into an opportunity: Pennycress (Thlaspi arvense L.) a new oilseed crop for biofuel production. Biomass and Bioenergy. 130:105354. https://doi.org/10.1016/j.biombioe.2019.