

## 2020 Publications

(updated 1/28/2021)

1832. Allen, L.H., K.J. Boote, J.W. Jones, P.H. Jones, N.B. Pickering, J.T. Baker, J.C.V. Vu, **R.W. Gesch**, J.M.G. Thomas and P.V.V. Prasad. Sunlit, controlled-environment chambers are essential for comparing plant responses to various climates. *Agronomy Journal*. <https://doi.org/10.1002/agj2.20428>.
1825. **Jaradat, A.A.** 2020. Comparative assessment of einkorn and emmer wheat phenomes: II -phenotypic integration. *Genetic Resources and Crop Evolution*. 67(3):655-684. <https://doi.org/10.1007/s10722-019-00840-3>.
1826. **Mohammed, Y.A.**, Matthees, H.L., **Gesch, R.W.**, Patel, S., Forcella, F., Aasand, K., Steffl, N., Johnson, B., Wells, M.S., Lenssen, A. 2020. Establishing winter annual cover crops by interseeding into maize and soybean. *Agronomy Journal*. 112:719-732. <https://doi.org/10.1002/agj2.20062>.
1828. **Mohammed, Y.A.**, Miller, Z., Hubbel, K., Chen, C. 2020. Variety and weed management effects on organic chickpea stand establishment and seed yield. *Agrosystems, Geosciences & Environment*. 3:e20035. <https://doi.org/10.1002/agg2.20035>.
1830. Moore, S.A., Wells, M.S., **Gesch, R.W.**, Becker, R.L., Rosen, C.J., Wilson, M.L. 2020. Pennycress as a cash cover-crop: Improving the sustainability of sweet corn production systems. *Agronomy*. 10:614. <https://doi.org/10.3390/agronomy10050614>.
1835. Ritz, K.E., Heins, B.J., Moon, R., Sheaffer, C., **Weyers, S.L.** 2020. Forage yield and nutritive value of cool-season and warm-season forages for grazing organic dairy cattle. *Agronomy*. 10:1963. <https://doi.org/10.3390/agronomy10121963>.
1831. Sieverding, H., Kebreab, E., **Johnson, J.M.**, Xu, H., Wang, M., Del Gross, S.J., Bruggeman, S., Stewart, C.E., Westhoff, S., Ristau, J., Kumar, S., Stone, J. 2020. A life cycle analysis (LCA) primer for the agricultural community. *Agronomy Journal*. <https://doi.org/10.1002/agj2.20279>.
1829. **Weyers, S.L.**, Archer, D.W., **Johnson, J.M.**, **Wilts, A.R.** 2020. Management drives differences in nutrient dynamics in conventional and organic four-year crop rotation systems. *Agronomy*. 10:764. <https://doi.org/10.3390/agronomy10060764>.
1827. Zanetti, F., **Gesch, R.W.**, Walia, M.K., **Johnson, J.M.**, Monti, A. 2020. Winter camelina root characteristics and yield performance under contrasting environmental conditions. *Field Crops Research*. 252(1):107794. <https://doi.org/10.1016/j.fcr.2020.107794>.