**W1196 Publications for 2023:**

Bartsch, Z.J., T.D. DeSutter, and C.K. Gasch, 2023. Microbial activity and hard red spring wheat growth improvement following biostimulant application. Agrosystems, Geosciences & Environment, 6: e20332, [https://doi.org/10.1002/agg2.20332](https://urldefense.com/v3/__https:/doi.org/10.1002/agg2.20332__;!!KGKeukY!yWRV9j76d6hXvxojg0Pf3nx2lVpOIN1RfBk0SwUk_z5wey3wFi0b1pun_kZBm7glv0m3s-n6eztMpr8_nhnq7eg$)

Blanco-Canqui, H., K. Wilke, J. Holman, C.F. Creech, A.K. Obour, and L. Anderson. 2023. Grazing cover crops: How does it influence soils and crops? Agronomy Journal, 115, 2801-2828. <https://doi.org/10.1002/agj2.21475>.

Bonnar, D. J., J.P. Eichler, S.J. Parikh, A. Blandino, R.A. Lybrand, M.L. Morris, M.J. Hengel, and R.S. Tjeerdema. 2023. Soil-Water Partitioning Behavior of Oxyfluorfen Under California Rice Field Conditions. ACS Agricultural Science & Technology, [https://doi.org/10.1021/acsagscitech.3c00341](https://urldefense.com/v3/__https:/doi.org/10.1021/acsagscitech.3c00341__;!!KGKeukY!0lbWR70utiQbKqUCmbN2Lv-jX9-bBWSrzKbXvmhgC5NgpY65qvK-6EASiw-ffSyY7TPO75fbUwVtlvmSmngmi75MBKw$).

Christy, I., A. Moore, D. Myrold, and M. Kleber. 2023 A mechanistic inquiry into the applicability of permanganate oxidizable carbon as a soil health indicator. Soil Science Society of America Journal, 87:1083-1095. DOI: 10.1002/saj2.20569

Das, S., D. Liptzin, and B. Maharjan. 2023. Long-term manure application improves soil health and stabilizes carbon in continuous maize production system. Geoderma, [https://doi.org/10.1016/j.geoderma.2023.116338](https://urldefense.com/v3/__https:/doi.org/10.1016/j.geoderma.2023.116338__;!!KGKeukY!wpmWPW-gznDQv3VZQ34DkISzlMO61sMt8CZ_kWGIT8IQwe8yaglLwk7_99rnQ8hP3ofdAfxnKI8CKC0aT1O9OXs$)

Dasgupta, D., M. Ries, K. Walter, K Anderson-Zitnick, L.A. Camuy-Vélez, C.K. Gasch, and S. Banerjee. 2023. Cover cropping reduces the negative effect of salinity on soil microbiomes.Journal of Sustainable Agriculture and Environment, 2: 140-152. [https://doi.org/10.1002/sae2.12054](https://urldefense.com/v3/__https:/doi.org/10.1002/sae2.12054__;!!KGKeukY!yWRV9j76d6hXvxojg0Pf3nx2lVpOIN1RfBk0SwUk_z5wey3wFi0b1pun_kZBm7glv0m3s-n6eztMpr8_XAP9Azg$)

Keller, L., O.J. Idowu, A.L. Ulery, M. Omer, and C.E. Brewer. 2023. Short-Term Biochar Impacts on Crop Performance and Soil Quality in Arid Sandy Loam Soil. Agriculture*, 13*(4), 782.

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