**University of Nebraska-Lincoln**

**Soils Group Nitrogen Publications** (1952-2016)

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With contributions from Nebraska Extension Soils Specialists Charles Wortmann, Charles Shapiro, Gary Hergert, and Bijesh Maharjan.

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**RESEARCH**

Refereed Journal Articles  
**2016**

Franzen, D., Kitchen, N., Holland, K., Schepers, J. and Raun, W. (2016). Algorithms for in-season nutrient management in cereals. *Agronomy Journal,* 108 (5), pp. 1775-1781.

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Rudnick, D., Irmak, S., Ferguson, R., Shaver, T., Djaman, K., Slater, G., Bereuter, A., Ward, N., Francis, D., Schmer, M., Wienhold, B. and Donk, S. V. (2016). Economic return versus crop water productivity of maize for various nitrogen rates under full irrigation, limited irrigation, and rainfed settings in south central Nebraska. *Journal of Irrigation and Drainage Engineering,* 142 (6), art. no. 04016017.

Shapiro, C. and Bavougian, C. (2016). Effects of Crop Sequence and In-Season Nitrogen Applications on Organic Winter Wheat Yield and Quality. *Renewable Agriculture and Food Systems,* Sumbitted, in revision, rejected, resubmitted.

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