

Richard T. Koenig

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Education

Ph.D. Soil Fertility/Plant Nutrition, Washington State University, 1993
M.S. Natural Resources Management/Soil emphasis, University of Alaska, 1990
B.S. Natural Resources Management/Forestry, University of Alaska, 1988

Research Interests

- ❑ Applied soil fertility/plant nutrition in dryland, cereal-based cropping systems.
- ❑ Long term changes in soil pH and soil pH stratification in direct seeded cropping systems in high rainfall zones of eastern Washington State.
- ❑ Chloride nutrition and cycling in cereal-based rotations.
- ❑ Phosphorus transformations and fate in direct seeded cropping systems.

Recent Wind Erosion/Air Quality Related Publications

Koenig, R. 2007. Phosphorus dynamics and wheat response to applied P in a spatially variable environment. p 153-157 in Proceedings of the Western Nutrient Management Conference, March 8-9, Salt Lake City, UT.

Harwood, E., R. Koenig and A. Esser. 2006. Improving the yields of late-planted recrop winter wheat with seeding rate and phosphorus fertility. [CD-ROM]. Soil Science Society of America annual meeting, 12-15 Nov., Indianapolis, IN. *ASA, CSSA, and SSSA Abstracts*. Indianapolis, IN. *ASA, CSSA, and SSSA Abstracts*.

Koenig, R.T., E. Harwood, and A.D. Esser. 2006. Optimizing seeding rate and phosphorus fertility to enhance the yield of recrop, late-seeded winter wheat. p. 29. *In 2006 Field Day Abstracts: Highlights of Research Progress*. Technical Report 06-2. Department of Crop and Soil Sciences, Washington State University, Pullman, WA. Full article at <http://css.wsu.edu>.

Pan, W.L., W.F. Schillinger, D.R. Huggins, R.T. Koenig, and J.W. Burns. 2006. Fifty years of predicting wheat nitrogen requirements based on soil water, yield, protein, and nitrogen efficiencies. [CD-ROM]. Soil Science Society of America annual meeting, 12-15 Nov.

Technical Support Staff

John Rumph, Agricultural Research Technologist III