

William F. Schillinger

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Education

Ph.D. Crop Science, Oregon State University, 1992
M.S. Agronomy, University of California at Davis, 1983
B.A. Communications, Eastern Washington University, 1974

Research Interests

Cropping systems research to control wind erosion in low-precipitation dryland areas. This includes increasing cropping intensity (i.e. reduce fallow), conservation tillage, direct seeding, weed ecology, and soil water relations.

Recent Wind Erosion/Air Quality Related Publications

- Schillinger, W.F., and R.I. Papendick. 2008. Then and now: 125 years of dryland wheat farming in the Inland Pacific Northwest. *Agronomy Journal* 100(Suppl.):S166-S182.
- Schillinger, W.F., S.E. Schofstoll, and J.R. Alldredge. 2008. Available water and wheat grain yield relations in a Mediterranean climate. *Field Crops Research* 109:45-49.
- Nail, E.L., D.L. Young, and W.F. Schillinger. 2007. Diesel and glyphosate price changes benefit the economics of conservation tillage versus traditional tillage. *Soil & Tillage Research* 94:321-327.
- Schillinger, W.F. 2007. Ecology and control of Russian thistle (*Salsola iberica*) after spring wheat harvest. *Weed Science* 55:381-385.
- Schillinger, W.F., A.C. Kennedy, and D.L. Young. 2007. Eight years of annual no-till cropping in Washington's winter wheat – summer fallow region. *Agriculture, Ecosystems & Environment* 120:345-358.
- Kennedy, A.C., and W.F. Schillinger. 2006. Soil quality and water intake in traditional-till vs. no-till paired farms. *Soil Science Society of America Journal* 70:940-949.
- Schillinger, W.F., R.I. Papendick, S.O. Guy, P.E. Rasmussen, and C. van Kessel. 2006. Dryland cropping in the western United States. p. 365-393. In G.A. Peterson, P.W. Unger, and W.A. Payne (eds.) *Dryland Agriculture*, 2nd ed. Agronomy Monograph no 23. ASA, CSSA, and SSSA, Madison, WI.
- Schillinger, W.F., and T.C. Paulitz. 2006. Reduction of *Rhizoctonia* bare patch in wheat with barley rotations. *Plant Disease* 90:302-306.
- Schillinger, W.F. 2005. Tillage method and sowing rate relations for dryland spring wheat, barley, and oat. *Crop Science* 45:2636-2643.

Technical Support Staff

Tim Smith, WSU Agricultural Research Technician III (1.0 FTE)
Steve Schofstoll, WSU Technical Assistant III (0.5 FTE)
Cindy Warriner, WSU Technical Assistant II (0.5 FTE)