

## RESEARCH CENTER PUBLICATIONS

Albrecht, S.L., K.W. Skirvin, N.C. Roager, A.A. Baker, H.S. Oviatt, R.W. Rickman and C.L. Douglas, Jr. 2001. Changes in nitrogen mineralization with beef feedlot manure amendments in semiarid Oregon Soils. *Agronomy Abstracts. Am. Soc. Agron.* Madison, WI. [CD ROM]

Ball, D. A. and F. L. Young. 2001. Integrated management of jointed goatgrass in winter wheat. In: 2001 Columbia Basin Ag. Res. Ctr. Annual Rpt. OSU Ag. Exp. Stn. Spec Rpt. 1026. pp. 56-60.

Ball, D.A. and D. Singh. 2001. Catchweed bedstraw control in grass seed crops. In: 2000 Seed Production Research Report, OSU Ext / CrS 115: 54-58.

Bassinette, J.P., R.S. Karow, S.W. McDonald, K. Rhinhart and R. W. Smiley. 2001. Statewide cereal variety testing program. *Oregon Agr. Expt. Stn. Spec. Rpt. 1026*:22-41.

Bezdicek, D., M. Fauci, S. Albrecht and K. Skirvin. 2002. Soil carbon and C sequestration under different cropping and tillage practices in the Pacific Northwest. pp. 101-107. Proc. Northwest Direct Seed Cropping Systems Conference. Jan. 16-18, Spokane, WA.

Cook, R.J. and R. Smiley. 2001. Wheat yield responses to seed treatments. *Wheat Life* 44 (10):32-34.

Evans, J.O., D.A. Ball, and G.A. Wicks. 2001. Contrasting jointed goatgrass emergence patterns under uniform fallow-tillage across the western United States. *Proceedings West. Soc. Weed Sci.* 54:16.

Hanson, D.E., D.A. Ball and C.A. Mallory-Smith. 2002. Herbicide resistance in jointed goatgrass (*Aegilops cylindrica*): simulated responses to agronomic practices. *Weed Tech.* 16: 156-163.

Hanson, D.E., D.A. Ball and C.A. Mallory-Smith. 2001. Modeling herbicide resistance development in jointed goatgrass. *Proceedings West. Soc. Weed Sci.* 54:66.

Hubbard, R., W. Honeycutt, S. Albrecht, G. Brink, B. Eghball, S. McGowan, K. Sistani and B. Wienhold. 2001. A USDA-ARS nationally coordinated project to determine N mineralization from animal manure – soils. *Agronomy Abstracts. Am. Soc. Agron.*, Madison, WI. [CD ROM]

Honeycutt, C.W., R.J. Wright, M.D. Jawson, B.J. Wienhold, B. Eghball, K.R. Sistani, G.E. Brink, T.S. Griffin, S.L. Albrecht, J.M. Powell, R.A. Eigenberg, R.K. Hubbard, S.L. McGowan, B.L. Woodbury and H.A. Torbert. 2001. Nitrogen Mineralization from Animal Manure: USDA-ARS Nationally coordinated research. Second International N Conference.

Park, K., C.A. Mallory-Smith, G.W. Mueller-Warrant and D.A. Ball. 2001. Growth characteristics of sulfonylurea-resistant and -susceptible downy brome biotypes. Proceedings West. Soc. Weed Sci. 54:12.

Petrie, S.E. 2001. Soil pH and nutrient availability. Proceedings of the Pacific Northwest Vegetable Association Annual Meeting.

Petrie, S.E. and B.D. Brown. 2001. Late season N applications for irrigated hard red wheat protein enhancement. Agron. Abst.

Rainbolt, D. R., D. C. Thill, and D. A. Ball. 2001. Response of rotational crops to BAY MKH 6561. Weed Technology. 15: 365-374.

Rainbolt, C.R., D.C. Thill, D.A. Ball and J.P. Yenish. 2001. Managing volunteer following herbicide resistant crops. Proceedings West. Soc. Weed Sci. 54:90.

Rickman, R.W., C.L. Douglas, Jr., S.L. Albrecht, L.G. Bundy and J.L. Berc. 2001. CQESTR: A Model to Estimate Carbon Sequestration in Agricultural Soils. Journal of Soil and Water Conservation. 56(3):237-246.

Rickman, R.W., C.L. Douglas, Jr., S.L. Albrecht. and J.L. Berc. 2001. CQESTR-Predicting Carbon sequestration in agricultural cropland and grassland soils. Chapt. 16. Agricultural practices and policies for carbon sequestration in soil. CRC Press. pgs. 177-181.

Rickman, R.W., C.L. Douglas, Jr., S.L. Albrecht and J.L. Berc. 2002. Tillage, crop rotation, and organic amendment effect on changes in soil organic matter. Journal of Environmental Pollution. 116(3):405-411.

Siemens, M.C., D.E. Wilkins and R.F. Correa. 2001. Evaluation of a residue management wheel for hoe-type no-till drills.

Siemens, M.C., D.E. Wilkins and R.F. Correa. 2001. Evaluation of a residue management wheel for hoe-type no-till drills. Oregon Agric. Exp. Sta. Spec. Rep. 1026:61-64.

Siemens, M.C., R.F. Correa and D.E. Wilkins. 2002. Flexible ground-driven residue management wheel. United States Patent No. US 6,345,671 B1.

Singh, D. and D.A. Ball. 2001. Grass seed variety yield trials for northeastern Oregon. *In* 2000 Seed Production Research Report, OSU Ext / CrS 115: 52-54.

Smiley, R.W. 2001. Survey of nematodes in eastern Oregon and Washington field crops. *Oregon Agr. Expt. Stn. Spec. Rpt.* 1026:65-76.

Smiley, R.W. 2001. Principles for Controlling Root and Crown Diseases of Small Grain Cereals. OSU-CBARC Pathology Tips. 4 p.

Smiley, R.W. 2001. Seed Treatments for Small Grain Cereals. OSU-CBARC Pathology Tips. 8 p.

Smiley, R. and K. Kidwell. 2001. Hessian fly damage on spring wheat. *Oregon Wheat* 53(5):11-12, 14.

Smiley, R. 2002. Soilborne crop pathogens under direct seeding: Nematodes. pp. 152-164. *In* Proc. Northwest Direct Seed Cropping Systems Conf., Spokane, WA.

Smiley, R. 2002. Soilborne crop pathogens under direct seeding: Fusarium. pp. 140-151. *In* Proc. Northwest Direct Seed Cropping Systems Conf., Spokane, WA.

Smiley, R.W. 2002. Controlling Diseases of Cereals in Eastern Oregon. *Oregon Invests!* <http://oregoninvests.css.orst.edu/index.html> (an OSU-CAS accountability database)

Smiley, R.W. 2002. Assessing the Importance of Root-Lesion Nematodes on Field Crop Production in Eastern Oregon. *Oregon Invests!* <http://oregoninvests.css.orst.edu/index.html> (an OSU-CAS accountability database)

Smiley, R.W. 2002. Improvement of Wheat through Genetic Resistance to Cereal Cyst Nematode. *Oregon Invests!* <http://oregoninvests.css.orst.edu/index.html> (an OSU-CAS accountability database)

Smiley, R.W. 2002. Educational Programs for Diseases of Field Crops in Eastern Oregon. *Oregon Invests!* <http://oregoninvests.css.orst.edu/index.html> (an OSU-CAS accountability database)

Smiley, R., R.J. Cook and T. Paulitz. 2002. Controlling Root and Crown Diseases of Small Grain Cereals. OSU Ext. Publ. EM 8798. 6 p.

Smiley, R., R.J. Cook and T. Paulitz. 2002. Seed Treatments for Small Grain Cereals. OSU Ext. Publ. EM 8797. 8 p.

Smith, D. and S. Albrecht. 2001. Fluorescein diacetate hydrolysis as a method of determining soil microbial activity in Columbia Basin silty loam soils. *Oregon Agric. Exp. Sta. Spec. Rept.* 1026:111-117.

Stoltz, M. and R.W. Smiley. 2002. Stop Fungicide Applications for Physiological Leaf Spot on Wheat. *Oregon Invests!* <http://oregoninvests.css.orst.edu/index.html> (an OSU-CAS accountability database)

Walenta, D.L., J.P. Yenish, F.L. Young, E. Gallandt and D.A. Ball. 2001. Jointed goatgrass seed production in spring wheat. *Proceedings West. Soc. Weed Sci.* 54:66.

Wilkins, D.E., D.J. Wysocki and M.C. Siemens. 2001. Effect of fertilizer placement and soil water on emergence of yellow mustard. *Oregon Agric. Exp. Sta. Spec. Rep.* 1026:77-83.

Williams, J.D. and C.L. Douglas, Jr. 2001. Nutrient loss from dryland winter wheat fields on the Columbia Plateau. *In Proceedings of 2001 American Water Resources Association Conference*, 12-15 Nov. 2001. Albuquerque, NM.

Williams, J.D. and C.L. Douglas, Jr. 2001. Soil erodibility in long-term crop systems: Preliminary results following two years of monitoring. *In Proceedings of the International Symposium; Soil Erosion Research for the 21st Century*. ASAE, Honolulu, HI.

Williams, J.D. and S.B. Wuest. 2001. No-till influence on hydrology and stream morphology in dryland crop areas. *Oregon Agr. Expt. Stn. Spec. Rpt.* 1026:84-95.

Wuest, S.B. 2001. Soil biopore estimation: Effects of tillage, nitrogen, and photographic resolution. *Soil and Tillage Research* 62:111-116.

Wuest, S.B. 2001. Earthworm, infiltration, and tillage relationships in a dryland pea-wheat rotation. *Applied Soil Ecology* 18:187-192.