

Frank L. Young

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Education

Ph.D. Agronomy (Weed Science), Minor: Soils, University of Minnesota
M.S. Agronomy (Weed Science), University of Minnesota, 1979
B.S. Wildlife Biology, South Dakota State University, 1972

Research Interests

Research includes agronomic, biological, and economic studies on the control of weed in small-grain conservation tillage production systems and the development of integrated systems of pest management for wheat production areas of the Pacific Northwest. Research focuses on reducing farmer dependence on pesticides, developing means for managing and conserving the Nation's soil, and, and water resources, and maintaining and increasing the productivity and quality of crop plants. Weed research focuses on Russian thistle, jointed goatgrass, downy brome, and herbicide resistance.

Recent Wind Erosion/Air Quality Related Publications

- Young, F.L., M. Thorne, and D.L. Young. 2006. Nitrogen fertility and weed management critical for continuous no-till wheat in the Pacific Northwest. *Weed Technology* 20:658-669.
- Clement, S.L., L.R. Elbertson, N. Youssef, F.L. Young, and M.A. Evans. 2004. Cereal aphid and natural enemy populations in cereal production systems in eastern Washington. *Journal of the Kansas Entomological Society* 77:165-173.
- Forté-Gardner, O., F.L. Young, D. Dillman, and M.S. Carroll. 2004. Increasing the effectiveness of technology transfer for conservation cropping systems through research and field design. *Renewable Agriculture and Food Systems* Vol 19:199-209.
- Rainbolt, C.R., D.C. Thill, and F.L. Young. 2004. Control of volunteer herbicide-resistant wheat and canola. *Weed Technology* 18:711-718.
- Young, F.L. 2004. Long-term weed management studies in the Pacific Northwest. *Weed Science* 52:897-903.
- Young, F.L. and M.E. Thorne. 2004. Weed species dynamics and management in no-till and reduced-till fallow cropping systems for the semiarid agricultural region of the Pacific Northwest, USA. *Crop Protection* 23:1097-1110.
- Clement, S.L., L.R. Elbertson, F.L. Young, J.R. Alldredge, R.H. Ratcliffe, and C. Hennings. 2003. Variable Hessian Fly (Diptera: Cecidomyiidae) populations in cereal production systems in eastern Washington. *Journal of the Kansas Entomological Society* 76(4):567-577.
- Thorne, M.E., F.L. Young, W.L. Pan, R. Bafus, and J.R. Alldredge. 2003. No-till spring cereal cropping systems reduce wind erosion susceptibility in the wheat/fallow region of the Pacific Northwest. *Journal of Soil and Water Conservation* 58(5):250-257.

Technical Support Staff

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