
Research Reports

Reports to Funders

[Optimizing lentil and pea agronomy for organic production](#). Steve Shirliffe, Fran Walley and Diane Knight. 2009

[Feedpea based green feed forage](#): A new option for organic wheat cropping system? Diane Knight and Fran Walley 2007

[Saskatchewan Organic On-Farm Research Part 2](#): Soil Fertility and Weed Management. Steve Shirliffe, Diane Knight and Stewart Brandt. 2005

[Saskatchewan Organic On-Farm Research:Part 1](#). Farm Survey and Establishment of On-farm Research Infrastructure. Steve Shirliffe and Diane Knight 2003

[Phoma as a bioherbicide](#) for organic weed control - Karen Bailey

Scientific Manuscripts

Knight, J.D., R. Buhler, J.Y. Leeson and S. Shirliffe. 2010. Classification and fertility status of organically managed fields across Saskatchewan, Canada. [Canadian Journal of Soil Science](#) 90(4): 667-678.

Takeda, M. and J.D. Knight. 2006. Enhanced Solubilization of rock phosphate by *Penicillium bilaiae* in pH-buffered solution culture. [Canadian Journal of Microbiology](#) 52: 1121-1129.

UofS Theses

Marufu, G. 2010. [Role of green manure options in organic cropping systems](#). M.Sc. thesis, Department of Soil Science, University of Saskatchewan.

Usukh, B. 2010. [The impact of lentil and field pea seeding rates on dinitrogen fixation and subsequent nitrogen benefits in an organic cropping system](#). M.Sc. thesis, Department of Soil Science, University of Saskatchewan.

Xie, J. 2008. [Screening for calcium phosphate solubilizing *Rhizobium leguminosarum*](#). M.Sc. thesis, Department of Soil Science, University of Saskatchewan.

Baird, J. 2007. [Optimal seeding rates for organic productions of field pea and lentil](#). M.Sc. thesis, Department of Soil Science, University of Saskatchewan.

Buhler, R.S. 2005. [Influence of management practices on weed communities in organic cereal production systems in Saskatchewan](#). M.Sc. thesis, Department of Plant Sciences, University of Saskatchewan.

Lawley, Y. 2004. [Determining optimum plant population densities for three annual green manure crops under weedy and weed-free conditions](#). M.Sc. thesis, Department of Plant Sciences, University of Saskatchewan.