

Current Research Publications:

- Johnston, W., R. Johnson, C. Golob, K. Dodson, M. Nelson, G. Stahnke, and E. Guertal. 2015. Development of turf-type *Poa pratensis* L. germplasm for seed production without field burning. *Athens J. of Sci.* 2(1):9-15.
- Kimura, E., S.C. Fransen, H.P. Collins, S.O. Guy, and W.J. Johnston. 2015. Breaking seed dormancy of switchgrass (*Panicum virgatum* L.):A review. *Biomass and Bioenergy* 80:94-101.
- Johnston, W.J., C.T. Golob, K.L. Dodson, R.C. Johnson, M.C. Nelson, G.K. Stahnke, and E.A. Guertal. 2015. Development of turf-type *Poa pratensis* L germplasm for seed production without field burning. In A. Rakshit (ed.), Ch. 6, p. 58-63. Athens Institute for Education and Research.
- Johnston, W.J., and C.T. Golob. 2012. *Poa annua* control with methiozolin in *Agrostis stolonifera* golf greens. *Bioforsk Fokus* 7(8):104-105.
- Golob, C.T., and W.J. Johnston. 2012. Multiple applications of mesotrione and mesotrione plus ethofumesate for selective post-emergence *Poa annua* L. suppression in *Poa pratensis* L. fairways. *Bioforsk Fokus* 7(8):115-116.
- Johnston, W.J., R.C. Johnson, C.T. Golob, K.L. Dodson, D.A. Silbernegel, and G.K. Stahnke. 2012. Kentucky bluegrass (*Poa pratensis* L.) germplasm of non-burn seed production. (submitted for book chapter, Aitner Publications, Greece).
- Johnson, R.C., W.J. Johnston, F.B. Bertoli, and C.T. Golob. 2010. Seed yield, development, and variation in diverse *Poa pratensis* accessions. *Crop. Sci.* 50:337-344.
- Proctor, C., R. Koenig, and W. Johnston. 2010. Potential for ammonia volatilization in dryland Kentucky bluegrass seed production systems. *Commun. Soil Sci. and Plant Anal.* 4:320-331.
- Williams, M.W., W.J. Johnston, J. Yenish, E.D. Miltner, and C.T. Golob. 2009. Glasshouse evaluation of pre-plant and at planting applications of mesotrione on perennial ryegrass and chewing fescue. *Int. Turf. Soc. Res. J.* 11:1237-1235.
- Pare, K., M.H. Chantigny, K. Carey, W.J. Johnston, and J. Dionne. 2006. N uptake and leaching under annual bluegrass ecotypes and bentgrass species: A lysimeter experiment. *Crop Sci.* 46:847-853.
- Murray, T.D., and W.J. Johnston. 2006. Variation in sensitivity to pentachloronitrobenzene of *Typhula* spp. causing snow mold on turfgrass and wheat. *Phytopathology* 96(6):86.
- Schaaf, M., M. Schreuder, W.J. Johnston, C.T. Golob, R. Babbitt, and R. Susott. 2006. Particulate matter (PM_{2.5}) emissions from burning of wheat stubble and Kentucky bluegrass in Eastern Washington and Idaho. *Agric. and Air Quality Proc. Agric. and Air Quality*, Potomac, MD.
- Johnston, W. J., C. T. Golob, and J. P. Schnurr. 2005. Rapid, non-destructive method for separating turfgrass clippings from topdressing sand using an inclined vibrating deck. *Int. Turf. Soc. Res. J.* 10:952-955.
- Ricard, T. S., and W. J. Johnston. 2005. Correlation field and controlled-environment studies of pink snow mold resistance in Pacific Northwest, USA, greens-type *Poa annua* L. *Int. Turf. Res. J.* 10:206-212.
- Poole, G. J., W. J. Johnston, and R. C. Johnson. 2005. Regional climatic characterization of Pacific Northwest greens-type *Poa annua*. *Int. Turf. Soc. Res. J.* 10:565-571.
- Miltner, E.D., G.K. Stahnke, G.J. Rinehart, P.A. Backman, and W.J. Johnston. 2004. Establishment of *Poa annua* var. reptans for seed under golf course conditions in the Pacific Northwest. *Crop Sci.* 44:2154-2159.

- Johnston, W.J., and C.T. Golob. 2004. Snow mold control in the Intermountain Northwest. USGA Turf. and Environ. Res. Online 2(23):1-9.
- Miltner, E.D., W.J. Johnston, G.K. Stahnke, and C.T. Golob. 2004. Late fall and winter nitrogen fertilization of turfgrass in two Pacific Northwest climates. HortScience 39(7):1745-1749.
- Christopher, P.M., W.J. Johnston, and E.K. Nelson. 2004. Preliminary report on *Agrostis stolonifera* pollen-mediated transgene flow. In Proc. 37th Grass Breeders Work Planning Conf. May 14-17, Pullman, WA.
- Johnston, W. J., and C. T. Golob. 2004. Quantifying post-harvest emissions from bluegrass seed production field burning. GSCSSA, WDOE, IDEQ, EPA Region 10, and Coeur d'Alene Tribe report. 77 p.
- Johnson, R. C., W. J. Johnston, and C. T. Golob. 2003. Residue management, seed production, and crop development in diverse Kentucky bluegrass germplasm. Crop Sci. 43:1091-1099.
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- Johnson, R. C., W. J. Johnston, M. C. Nelson, C. J. Simon, and C. T. Golob. 2000. Core utilization and development: an example with *Poa pratensis* L. p. 49-60. In Johnson and Hodgins (ed.) Core Collection for Today and Tomorrow. IPGRI and Crop. Sci. Soc. Am.