

**Guelph Turfgrass Institute
Registered Research Projects
2013 Field Season**

Pam Charbonneau

Evaluation of Maronne Bioinnovation's bio insecticides Grandevo and Venerate to control early instar crane fly larvae

Evaluation of rhizomatous tall fescue and regenerative perennial ryegrass evaluation for drought tolerance and weed suppression

Evaluation of spreading tall fescue and spreading perennial ryegrass for winter-hardiness and weed suppression.

Optimum seeding date for tall fescues in southwestern Ontario

Tom Hsiang

Biology and control of tar spot of maple.

Dogwood anthracnose on native dogwood species.

Control of dollar spot disease on turfgrass with resistance activators.

Resistance of Kentucky bluegrass cultivars to dollar spot disease

Management of turfgrass snow molds with organic and inorganic chemicals

Katerina Jordan, Eric Lyons and Ken Carey

Evaluation of Cutting Edge grass seed under low inputs and with two different mowing regimes

Performance of bentgrass mixtures – best management practices

Comparison of different biosolids and application rates onto Kentucky bluegrass sod (*Poa pratensis* L.): agronomic characteristics in small plots

Best management practices for summer patch on annual bluegrass

Resistance and tolerance of 12 strawberry cultivars to root lesion (*Pratylenchus* spp.) and root knot (*Meloidogyne* spp.) nematodes.

Effects of giberellic acid on winter hardening in creeping bentgrass and annual bluegrass

Efficacy of experimental herbicide products applied as spot treatments to broadleaf weeds in home lawn type turf

Efficacy of experimental herbicide products – 2013 trial – Summer

Efficacy of experimental herbicide products – 2013 trial – Fall

Effects of ammonia scrubber waste water on creeping bentgrass putting green turf

Jonathan Newman

Ecological Impacts of Endophytic Fungi: Long-term effects of endophytes on perennial ryegrass and tall fescue

Ecological Impacts of Endophytic Fungi: Endophytes and CO₂ in open-topped chambers

Evaluating the environmental pillar of sustainability for bioenergy crop production

Effects of the spatial scale of biodiversity and invasive grass species on ecosystem function in native prairie communities

Peter Purvis

National Turfgrass Evaluation Program (NTEP)- Medium maintenance organic trial for Kentucky Bluegrass

Turfgrass Species Display Garden

Alan Sullivan

Evaluation of drought tolerance of native ornamental species.

Mutagenesis studies in Malva species.

Lead Researcher in Bold