

Table of Contents

Contents	Page number
Foreword and Acknowledgements	
Rob Witherspoon	i
DEVELOPMENT AND EVALUATION OF TURFGRASS SPECIES AND CULTIVARS	
The Co-operative (Ridgetown, Guelph, Kemptville) Turfgrass Cultivar Evaluation Trial - 1996	
R.E. Pitblado	1
Evaluation Of Bentgrass Varieties - 1996	
R. E. Pitblado	13
Evaluation Of Native Grasses - 1996	
R. E. Pitblado	15
Genetic Transformation of Creeping Bentgrass to Enhance Environmental Stress Tolerance: 1996 Progress Report	
S.R. Bowley, B.D. McKersie, K.J. Kasha, and B. Rojas	17
Turfgrass Variety Evaluation: 1996 Progress Report	
S.R. Bowley and D. Hancock.....	19
Best of the Bluegrass: Visitors= Choice At GTI During 19 August 1996 Field Day	
S.R. Bowley.....	31
INSECT CONTROL	
Control Of European Chafer, <i>Rhizotrogus majalis</i>, And Japanese Beetle, <i>Popillia japonica</i>, 1996	
Wayne Barton, Heather Goudy and Laura Van Eerd.....	33
TURFGRASS MANAGEMENT	
The Influence Of 46 Species Mixtures And 5 Nitrogen Fertility Regimes On The Exclusion Of Broadleaf Weeds From Turfgrass Swards.	
T.A.Tripp, J.C.Hall and K.L. Sagan.	39
Performance of Ecoval Products on "Penncross" Creeping Bentgrass USGA Putting Greens	
Ken Carey.....	43
Guelph Turfgrass Institute 1996 Fertilizer Performance Trial: Performance Of Fertilizers On Penncross Creeping Bentgrass USGA Putting Green Turf	
Guelph Turfgrass Institute.....	50
Guelph Turfgrass Institute 1996 Fertilizer Performance Trial: Performance Of Fertilizers On Kentucky Bluegrass Home Lawn Type Turf	
Guelph Turfgrass Institute.....	54

ENVIRONMENTAL RESEARCH

The Effects Of Fertilizer Type On Nitrogen Oxide Emissions From Turfgrass Jinelle Webb and Claudia Wagner-Riddle	59
Persistence Of Commonly Used Lawn Pesticides (2,4-D, Mecoprop, Dicamba Chlorpyrifos, And Chlorothalonil) In Composted Turfgrass Clippings. G.Stephenson, P.Charbonneau, S.Lang, and C.Bowhey, and M.Carter.....	63

TURFGRASS PATHOLOGY

Chemical Trials For Dollar Spot Disease Control, 1996 S. Cook and T. Hsiang	71
Trials For Fusarium Patch Disease Control: Spring 1996 T. Hsiang and S. Cook	75
Chemical Trials For Snow Mould Disease Control: December 1995 - May 1996 S. Cook and T. Hsiang	78
Investigation Of Antagonistic Effects In Tank-mixed Fungicides For The Control Of Dollar Spot In Turf Wayne Barton, Heather Goudy and Laura Van Eerd.....	81

WEED CONTROL

Non-chemical Renovation Of Turfgrass Infested With Common Dandelion (<i>Taraxacum officinale</i>) T.A. Tripp, J.C Hall and K.L. Sagan	85
Competitiveness of Commercially Available Turfgrass Seed Mixtures in Prevention of Weed Infestation At Three Mowing Heights and Four Fertility Regimes. J. C. Hall, K.L. Sagan and T.A. Tripp	87
Evaluation of Granular Fertilizer/pre-emergent Herbicide Combinations for Control of Crabgrass J. C. Hall and K. L. Sagan	90
Fertilizer Granules for Pre-emergent Control of Crabgrass J. C. Hall and K. L. Sagan	91
Fertilizer Granules for Pre-emergent Control of Crabgrass on Bare Soil J. C. Hall and K. L. Sagan	92
Fertilizer Granules for Control of Broadleaf Weeds in Moist Turf J. C. Hall and K. L. Sagan	93
Fertilizer Granules for Control of Broadleaf Weeds in Dry Turf J. C. Hall and K. L. Sagan	94
Application Safety Interval of Pendimethalin on Kentucky Bluegrass. J. C. Hall, K. L. Sagan, and T. Tripp	95

Application Safety Interval of Pendimethalin on Perennial Ryegrass.
 J. C. Hall, K. L. Sagan, and T. Tripp96

Application Safety Interval of Pendimethalin on Tall Fescue.
 J. C. Hall, K. L. Sagan, and T. Tripp97

Application Safety Interval of Pendimethalin on Creeping Bentgrass.
 J. C. Hall, K. L. Sagan, and T. Tripp98

TURFGRASS EXTENSION

1996 Turf Extension Summary
 Pam Charbonneau, OMAFRA Turfgrass Specialist99

NURSERY PRODUCTION

Growth and Quality of In-ground Container Grown Trees Using Different Rates of Controlled Release Fertilizers
 Glen Lumis and Ligita Taurins101

Tree Growth and Quality in Response to Different Rates of Soil Injected Slow Release Fertilizers.
 Glen Lumis and Ligita Taurins103