SERG International Workshop

Feb 12th - Feb 14th, 2007 Manoir du Lac Delage, Quebec City, Quebec

Table of Contents

Monday Feb. 12 th		
Keynote Address - The Quebec Forestry Sector Ms. Paule Têtu Associate Deputy Minister, Forêt Québec		1
Vegetation Management		
Effects of early herbaceous and woody vegetation control on eastern white pine Doug Pitt.	2000/02 -2006	3
A study of the effects of herbaceous vegetation control and aspen stem density on boreal mixedwood stand development Doug Pitt	2002/06 -2006	9
Development, Validation and Application of SprayTrans and SprayAdvisor Models and Decision Support Systems D. Thompson, H. Thistle and B. Richardson	2004/05 -2006	15
Evolution of the National Forest Pest Strategy Vince Nealis		22
Provincial Pest Status		
Alberta - Sunil Ranasinghe Saskatchewan - Rory McIntosh Manitoba - James Matthewson Ontario - Taylor Scarr Quebec - Louis Morneau New Brunswick - Nelson Carter Nova Scotia - Gina Penny Newfoundland - Hubert Crummey USA – Amy Onken		24 35 36 40 41 42 44 45 46
Advances and Implementation of New Technology		
Optimized Aerial Application to PROPS Forest Polygons Gerry Cormier, Bob Mickle	2001/01 -2006	47

Cost effectiveness of pest management investments: expanding PROPS to include costs, product value and carbon Greg Slaney	2006/06	49
Regulation and Implementation of the Science		
Pest Management Buffer Zone Initiative Update Ted Kuchnicki		54
Tuesday Feb. 13 th		
Pest Monitoring and Decision Support		
Ash genes expressed in response to Emerald Ash Borer attack: potential tools for early detection. Daniel Doucet	2006/07	55
Monitoring and Control of the Pale Winged Grey Iridopsis ephyraria (Wlk.) (Lepidoptera:Geometridae) Using Sex Pheromones Peter Silk	2006/04	60
Pheromones for long-distance attraction of the brown spruce long-horned beetle <i>Tetropium</i> fuscum (Fabr.)(Coleoptera: Cerambycidae) Jon Sweeney	2002/01 -2006	61
Improvement of a pheromone trapping system for the tree-killing bark beetle,, Dendroctonus rufipennis K.L. Ryall	2006/08	67
Development of a sex pheromone monitoring system for the blackheaded budworm Peter J. Silk	2005/04 -2006	71
Microbial endosymbiosis in the pine false webworm and other forest pest insects Christopher Lucarotti, Rob Graham	2006/10	72
Quantifying spruce budworm defoliation difference among balsam fir and spruce species, and relevance to the SBWDSS Chris Henninger		73
Dynamics of endemic spruce budworm populations in Armagh and Epaule Jacques Régnière	2005/05 -2006	78
Hazard ratings for hemlock looper Lucie Royer	2004/07 -2006	93
Developing Hazard Ratings for the Balsam Woolly Adelgid in Atlantic Canada: The Effect of Stand Management on Frequency and Intensity of Balsam Woolly Adelgid Populations Don Ostaff	2004/06 -2006	96

	-	
Prevalence of <i>Nosema fumiferanae</i> in outbreak populations of the jack pine budworm Kees vanFrankenhuyzen	2006/05	101
Jack pine budworm DSS Steven Oldford		106
A Description of the Proposed Aerial Spray Research at University of New Brunswick and Forest Protection Limited Gordon Holloway	2006/03	109
Industry Session		
Sylvar Technologies Inc		114
Stefan Richard		
Wednesday Feb. 14 th		
Forest Pest Management Products Development, Testing and Regulation		
Suitability of jack pine for mountain pine beetle development and survival David Langor	2006/09	115
Development of the fungus <i>Beauveria bassiana</i> as a biological control agent of forest Lepidoptera Barry Hicks	2006/12	118
Development of Beauveria bassiana as a mycoinsecticide against native and exotic insect pests of forests and plantations Robert Lavallée	2005/03 -2006	121
Registration of Abietiv (the balsam fir sawfly nucleopolyhedrovirus) in Canada Christopher Lucarotti		126
Balsam Fir Sawfly (<i>Neodiprion abietis</i>) Nucleopolyhedrovirus Use Against Other Sawflies Christopher Lucarotti	2000/07 -2006	127
Baculovirus Bank Christopher Lucarotti, Renée Lapointe	2006/02	128
Calibration Trial of Cessna C-188 with Hercon Pods and Hercon Flakes, Brockway Airfield, New Brunswick, October 2006 Edward G. Kettela	1995/07 -2006	131
PMRA Update Terry Caunter		140
National Forest Pest Strategy: Risk Response Meeting		
National Forest Pest Strategy: Risk Response Vince Nealis		141
SERG International Terms of Reference	143	1
	1	

SERG International Long Term Plan	156
SERG International 2006 Work Plan	159