

The Science of Vegetation Management

Southcentral Region – May 12 & 13, 2004

Northwest Region – May 19 & 20, 2004

Northeast Region – May 26 & 27, 2004

Each workshop has been assessed at 36 OPFA Continuing Education Credits.

Logistics

Location s: **Southcentral Tour:** Canadian Ecology Centre - Mattawa, ON

Northwest Tour: Victoria Inn, Thunder Bay, ON

Northeast Tour: Travelodge - Timmins, ON

Registration:

Southcentral & Northeast Tours: Register online at:

http://forestresearch.ca/whats_happening/Online%20Registration/online_registration.htm

Or contact Jen Girard at jen@canadianecology.ca or 705-744-1715 ext 595.

Northwest Tour: Please contact Karen Punpur at karen.punpur@mnr.gov.on.ca or (807) 939-3106 for registration information

Accommodations:

Southcentral Tour - A block of cabins has been set aside at the Canadian Ecology Centre. Please reserve your cabin with Hospitality Staff at (705)-744-1715 ext. 0.

Northwest Tour – Please call the Victoria Inn at (800)-387-3331 or (807)-577-8481 to book your room. The Victoria Inn is located at 555 West Arthur Street, Thunder Bay.

Northeast Tour – A block of 20 rooms has been set aside at the Travelodge until May 1st; to reserve your room, call (705) 360-1122.

Cost:

The fee for each workshop is \$50 per person which includes some meals and the registration fee.

Meals:

Meals that are provided are indicated on the agenda. Please identify any special dietary requirements on the tour registration form (online or paper format.)

Other:

There are outdoor components on each day of the workshop. This field tour will be led come rain or shine (or blackflies!) Please bring appropriate outdoor attire in order to spend the entire afternoon outside, regardless of weather conditions.

For additional information:

Southcentral and Northeast Tours:

Jen Girard
Extension Intern
Forestry Research Partnership –
Canadian Ecology Centre
705-744-1715 ext. 595
jen@canadianecology.ca

Northwest Tour:

Karen Punpur
Ontario Ministry of Natural Resources
Northwest Science and Information
807-939-3106
karen.punpur@mnr.gov.on.ca

OR

Michael Irvine
Ontario Ministry of Natural Resources
Forest Management Branch
michael.irvine@mnr.gov.on.ca
705-945-5724

Desired Outcome:

A comprehensive and useful exchange of information relating to vegetation management. The field tour portion of the southcentral and northeast workshops are extensions of the Great Lakes St Lawrence (January 27-28) and Boreal Forest Science Seminars (February 24-25). These outdoor components will complement and supplement the seminars by providing direct exposure to various field studies.

Objectives:

- Provide an overview of the general principles and practices associated with vegetation management.
- Communicate the results of vegetation management research projects and their application to forest managers, planners, technicians and other operations and field staff in industry, government, sustainable forest licensees, and to forestry consultants and contractors.
- Create an opportunity for open dialogue between and amongst forest scientists, researchers, and forestry sector workers and professionals in both workshop and field environments.

Draft Agendas

**Southcentral Tour
Canadian Ecology Centre, Mattawa
May 12 & 13, 2004**

Day 1

- 7:00** Breakfast (provided)
- 8:00** Introduction (What we hope to accomplish) – Michael Irvine, MNR
- 8:10** Renewal trends in Ontario –Neil Stocker, MNR
- 8:30** Planning for herbicide applications – Michael Irvine, John Negusanti, MOE
- 9:10** Things every forester should know about air-blast herbicide applications – Doug Maki, Vermillion Forest Management & Harry Struik
- 9:50** Break (refreshments provided)

- 10:10** Glyphosate – Roy Maki, Monsanto Canada
- 10:50** Triclopyr & 2,4-D – Darren Dillenbeck, Dow AgroSciences
- 11:30** **Departure for McConnell Lakes Competition Study Site** (a bag lunch will be provided)

- 1:30- 3:00** Shelterwood site
- Arsenal Study
 - Sproutless
 - Basal bark
 - Backpack spraying
 - Brush saw
 - Natural Regeneration
- 3:00 – 4:30** Clearcut site - Rotations among:
- Overview of the study
 - Autecology of competitor species' response to vegetation management
 - Making tend/no tend decisions, free-to-grow assessments

- 6:00** Return to CEC
- 6:30** Dinner at CEC (provided)
- 8:00** Canadian Ecology Centre night activity

Day Two

- 7:00** Breakfast (provided)
- 8:00** Silvicultural Assessment STARS – Fred Pinto, OMNR
- 8:40** Physiological basis of plant competition – Bill Parker, Ontario Forest Research Institute
- 9:20** Break (refreshments provided)
- 9:40** Aerial application of herbicides for shelterwood management – Marty Martelle, Westwinds Forest Management; Pw response of white pine to release – Andrée Morneau, OMNR
- 10:20** Vegetation management for optimizing conifer production – Doug Pitt, Canadian Forestry Service
- 11:00** **Departure for Petawawa Research Forest** (a bag lunch will be provided)

Site visits of recent vegetation management research
Cartier Lake Regeneration Experiment
Cartier Lake Silvicultural Area
Meridian Road

Dinner en-route to CEC

Arrival at CEC – end of workshop

Northwest Tour
Victoria Inn, Thunder Bay, ON
May 19 & 20

Please contact Karen Punpur for information or to register for the Thunder Bay workshop:
Karen Punpur
Ontario Ministry of Natural Resources
Northwest Science and Information

25th Side Road, Thunder Bay, ON P7B 3T8
Tel: (807) 939-3106
Fax (807) 939-1841
Email: karen.punpur@mnr.gov.on.ca

**Northeast Tour
Travelodge, Timmins
May 26 & 27**

Day 1

- 8:00** Introduction (What we hope to accomplish) – Michael Irvine, OMNR
- 8:10** Renewal trends in Ontario – Neil Stocker, OMNR
- 8:30** Planning for herbicide applications – Michael Irvine, John Negusanti, MOE
- 9:10** Things every forester should know about aerial herbicide applications – Wes Kay, Gateway Helicopters
- 9:50** Break (refreshments provided)
- 10:10** Validation of aerial herbicide technologies – Dean Thompson, Canadian Forestry Service
- 10:50** Glyphosate – Roy Maki, Monsanto Canada
- 11:30** Triclopyr & 2,4-D – Darren Dillenbeck, Dow AgroSciences
- 12:10** **Departure for NEBIE and White spruce/aspen competition sites** (a bag lunch will be provided)
- Research Trials:
- NEBIE Poplar/Spruce Mixedwood installation: comparing silvicultural intensities
 - White Spruce/Aspen Mixedwood Competition Study
- Outdoor Presentations:
- Aerial spray demonstration - Gateway Helicopters
 - Autecology of Competitor Species & Alternatives to herbicides: Plant competition for resources, and lessons from the VMAP program
 - Making tend/no tend decisions and free-to-grow decisions
- 6:00** Dinner at Travelodge (provided)

Day 2

- 8:00** Physiological basis of plant competition – Bill Parker, Ontario Forest Research Institute
- 8:40** Vegetation management and enhancing forest productivity research in Ontario – Wayne Bell, Ontario Forest Research Institute
- 9:20** Vegetation management for optimizing conifer production – Doug Pitt, Canadian Forestry Service
- 10:00** Break (refreshments provided)
- 10:20** **Departure for Brand plots in Foleyet** (a bag lunch will be provided)
- Research Trials:
- Intensive SIP Trial Jack Pine, White Spruce and Black Spruce Trial, Oates/Foleyet Twps

- Brands Foleyet Plantation Establishment Experiment

4:30 Return to the Travelodge – end of workshop

Workshop End Product:

The Canadian Ecology Centre – Forestry Research Partnership will produce a multi-media CD-ROM complete with presentations, video clips, digital photos and helpful supplementary material within 10 working days of the Southcentral and Northeast workshops.