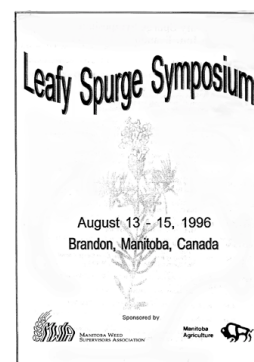


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Brandon, Manitoba, Canada. Aug 13-15, 1996.*

*Sponsored by: Manitoba Weed Supervisors Association and
Manitoba Agriculture.*



1996 Leafy Spurge Symposium, Victoria Inn, Brandon, Manitoba

Agenda / Posters / Sponsors

Tuesday, August 13, 1996

10 am – 1 pm *Registration*

General Session - Grand A

Moderator: Carla Pouteau, Manitoba Agriculture

1:15 pm *Opening Remarks*

- Leafy Spurge Symposium Organizing Committee
- Frank Pitura, Legislative Assistant for Department of Agriculture
- Don Kille, Acting Mayor, City of Brandon

1:30 - 2:15 *Weed Biocontrol - Lessons Learned from Leafy Spurge*

- Dr. Peter Harris, Agriculture and Agri-Food Canada, Lethbridge, Alberta.

2:15 - 2:35 *Leafy Spurge in Manitoba - The Fight to Keep Ahead*

- Carla Pouteau, Manitoba Agriculture.

2:35 - 2:55 *Biological Control of Leafy Spurge in Alberta*

- Dan Cole, Alberta Agriculture.

2:55 - 3:15 *Update on Wyoming's Leafy Spurge Program*

- Mark Ferrell, University of Wyoming.

3:15 - 3:30 *Nutritional Break - Salon 1*

3:30 - 3:50 *Niche Specificity of Insects Introduced for Leafy Spurge Control*

- Neal Spencer, USDA-ARS, Sidney, Montana.

3:50 - 4:10 *Effect of Fall-Applied Picloram and 2,4-D on *Aphthona nigriscutis* Population*

- Jeff Nelson, North Dakota State University.

4:45 *Bus Departs for Texas Scramble Golf Game and Pizza Night*

9:30 *Bus Returns to the Victoria Inn*

10:00 pm - 12:00 am *Complimentary Hospitality Suite (Victoria Inn & MWSA)
Room 117, Victoria Inn*

Wednesday, August 14, 1996

7:30 am - 8:30 am *Poster Setup - Salon 1*

General Session - Grand A

Moderator: Ray Christoff, Pembina-Manitou Weed District

8:30 am - 8:50 am *Department of National Defence's Involvement in Leafy Spurge Management To Date at Canadian Forces Base, Shilo*

- Garnet Shearer and Sherry Punak, Canadian Forces Base, Shilo, Manitoba.

8:50 - 9:10 *Phenology Maps for Leafy Spurge Biological Control Agents: Development and Application in the United States*

- Rich Hansen, USDA-APHIS-PPQ, Bozeman, Montana.

9:10 - 9:30 *Manitoba Weed Supervisors Association - Past, Present and Future?*

- Rudy Reimer, Southeast Weed District.

9:30 - 9:50 *1996 Manitoba Weed Supervisors Association and The New Utility*

- Eric Richardson, Dauphin-Ochre Weed District.

9:50 - 10:20 *Nutritional Break - Salon 1*

Moderator: Tom Tolton, Manitoba Agriculture

10:20 - 10:40 *Leafy Spurge Control on Canada's Largest Tall Grass Prairie Preserve*

- Gene Fortney, The Nature Conservancy.

10:40 - 11:10 *Imazameth is Safe on Grass; Leafy Spurge is Becoming Resistant Picloram; and Other Myths?*

- Rod Lym, North Dakota State University.

11:10 - 11:30 *Leafy Spurge Control with Sheep*

- Marcel Archambault, Manitoba Agriculture.

11:30 - 11:50 *A Simple Technique for Separating Aphthona Flea Beetles from Debris*

- David Hirsch, Jim Jeske, Terry Reule, and Doug Anderson, USDA-APHIS-PPQ, Bismark, North Dakota.

11:50 - 1:00 pm *Lunch - Grand B*

1:00 - 2:00 *Poster Session - Salon 1*

2:00 - 2:30 *Poster take down*

2:45 *Bus Departs for Field Tour*

- *Lobesia euphorbiana* release site

- GPS demonstration

- Integrated Leafy Spurge Control Project (sheep and 2,4-D)

- Herbicide demonstration

5:00 *Barbecue in Queen Elizabeth Park*

8:00 *Bus Returns to Victoria Inn*

9:00 pm *Hospitality Suite - Room 117*

Thursday, August 15, 1996

General Session - Salon 1

Moderator: Carla Pouteau, Manitoba Agriculture

- 8:30 am *Discussion Group*
- 9:30 *Business Meeting - Leafy Spurge Task Force*
- 10:30 *1996 Leafy Spurge Symposium adjourns*
- 10:45 *Bus Departs for Tour of Agriculture and Agri-Food
Canada Research
Facility*
- 11:00 *Tour of Agriculture and Agri-Food Canada Research Facility*
- 12:00 pm *Bus Returns to Victoria Inn*

Posters presented:

Aphthona Species Movement Along Railroad Right-of-Way
Katheryn Christianson, North Dakota State University.

2,4-D Reversal of DFMO-induced Inhibition of Adventitious Root Formation in Leafy Spurge (Euphorbia esula L.) In Vitro
Dave Davis, USDA-ARS, Fargo, North Dakota.

Cloning and Expression of a Cold-regulated Gene from Leafy Spurge (Euphorbia esula L.)
D. P. Horvath and P. A. Olson, USDA-ARS, Fargo, North Dakota.

Cloning and Characterization of a Genomic Clone of the Root Bud Growth-response Gene Gro7 from Leafy Spurge (Euphorbia esula L.)
D. P. Horvath, USDA-ARS, Fargo, North Dakota.

Differential Tolerance Toward Oxidative Stress Between Immature and Mature Leafy Spurge Leaves - An Evolutionary Mechanism for Surviving Adverse Environmental Conditions
R. H. Shimabukuro and B. Hoffer, USDA-ARS,
Fargo, North Dakota.

Reproductive Status of Established Black Dot Flea Beetle (Aphthona nigriscutis) Populations in South and North Dakota
Mark Brinkman, South Dakota State University.

Biological Control of Leafy Spurge with Aphthona nigriscutis
Kim Stromme, Alberta Agriculture.

Biological Weed Control in Manitoba
Manitoba Weed Supervisors Association.

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