

Tuesday, February 8, 2011

Varroa Mite Integrated Pest Management

- 8:00** **Registration**
- 8:20** **Terry Greidanus and Paul Laflamme:** Opening Statements.
- 8:30** **Dr. Rob Currie:** Economic thresholds and controls for varroa.
- 9:15** **Pierre Giovenazzo:** Integrated Pest Management (IPM) with emphasis on monitoring against Varroa.
- 10:00** **Coffee Sponsored by Medivet Pharmaceuticals**
- 10:30** **Janet Tam:** Evaluation of Formic acid Miteaway Quick Strips (MAQS) for Varroa control under Ontario conditions.
- 11:20** **Geoff Wilson:** Evaluation of alternative miticides for Varroa mite control under Prairie conditions.
- 12:10** **Lunch**
- 1:15** **Janet Tam:** Evaluation of Thymol powder application on Varroa mites under Ontario conditions.
- 2:00** **Dr. Medhat Nasr:** The ugly reality of organic acids and Thymol for Varroa mite control.
- 2:45** **Coffee**
- 3:00** **Dr. Rob Currie:** Honey Bee Viruses - Interaction between viruses and bees and new developments.
- 3:45** **Panel Discussion –** Varroa mite Control: Future options and challenges.
- 4:15** **Alberta Beekeepers Commission - Spring Meeting Updates**

Wednesday, February 9, 2011

Bee Breeding, Other Pests and Food Safety

- 8:30** **Dr. Rob Currie:** Breeding bee resistance and tolerance against Varroa mites.
- 9:50** **Pierre Giovenazzo:** Evaluation of the reproductive characteristics of honey bee queens from various suppliers.
- 10:30** **Coffee Sponsored by Alberta Honey Producer Coop**
- 10:45** **Geoff Wilson:** Basics for breeding selected stocks of honey bees.
- 11:15** **Pierre Giovenazzo:** Small Hive Beetle biology and invasion into South Eastern Canada.
- 12:00** **Lunch**
- 1:15** **Dr Medhat Nasr:** Update on Colony Collapse Disorder (CCD) and honey bee losses in the USA.
- 1:45** **Tim Townsend:** Food Safety Program and Honey Regulations.
- 2:00** **Connie Zagrosh and Sam Barlin:** Back to basics: 3R's (Regulation, Registration, and Responsibility).
- 2:45** **Dr. Medhat Nasr:** Nosema in Alberta bees: Effective treatment options.
- 3:30** **Adjourn**

Sponsors

Alberta Beekeepers, Alberta Agriculture and Rural Development, Alberta Crop Industry Development Fund (ACIDF), and Growing Forward, a federal-provincial-territorial initiative.

Speakers

Sam Barlin: Acting Western Area Honey Program Technical Specialist, CFIA, Winnipeg, Manitoba.

Dr. Rob Currie: Professor, Department of Entomology, University of Manitoba. His research focus on integrated management of honey bee pests and diseases, honey bee and viruses relationships, stock selection for resistance to varroa, and nutrition.

Pierre Giovenazzo: Ph.D. candidate and teacher at the Université Laval in Québec City. Pierre's main research topics are integrated pest management against Varroa, Honey bee stock evaluation and selection and more recently the biology of the Small Hive Beetle.

Terry Greidanus: President, Alberta Beekeepers Commission, commercial beekeeper from Cayley, Alberta.

Paul Laflamme: Pest Surveillance Branch Head, Research and Innovation Division, Alberta Agriculture and Rural Development, Edmonton, Alberta.

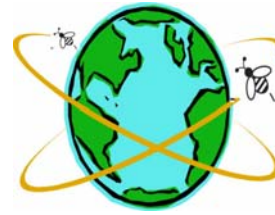
Dr. Medhat Nasr: Provincial Apiculturist, Research and Innovation Division, Alberta Agriculture and Rural Development, Edmonton, Alberta.

Janet Tam: Tech Transfer Specialist, Ontario Beekeepers Association. Janet is involved in all applied research activities to evaluate pesticides on Varroa control and breeding bees for resistance. She also teaches extension courses on honey bees and queen rearing.

Tim Townsend: Commercial beekeeper from Stony Plain, Alberta.

Geoff Wilson, M. Sc.: Saskatchewan Provincial Apiculturist. Geoff oversees the Saskatchewan applied research program. He is active in evaluating alternative chemicals for varroa control. He is also Chair of CAPA chemical committee to provide advice to PMRA on miticides registration.

Connie Zagrosh: Honey Program Specialist, CFIA, Edmonton, Alberta.



Beekeeping for the Future

Integrated Beekeeping Systems

**Offered by
Alberta Agriculture and
Rural Development and
Alberta Beekeepers
Commission**