

The Bee Cause



Volume 6, Issue 7

November 2009

Points of Interest:

- Next general meeting is **7:30** Tuesday, **November 10th** at the **River Heights Community Centre, 1370 Grosvenor Ave., Winnipeg.**

Speaker:
Fall Social night – less formal centered on specialized/custom equipment.

Meeting large gym—snacks provided

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RRAA Registration

Pesticides

This letter to the BC beekeepers brings a somewhat update on there use and Health Canada's regulation, control and most important our compliance to their registered use.

Dear BCHPA Executive Member September 30, 2009

In recent years BC bee keepers have been faced with the scourge called Varroa mite which has had a significant impact on health and productivity of bee hives. Hives weakened by mite infestations have become susceptible to winter kill, and more disease and virus problems.

Pesticides used for the control of mites and other pests in hives and on bees are regulated by Health Canada's Pest Management Regulatory Agency (PMRA) under the federal Pest Control Products Act (PCPA). The PCPA requires that pesticides must be used according to the Canadian label and can only be imported if they have been registered in Canada. Beekeeper's hives are subject to inspections and sampling to ensure label directions have been followed. Drug use to control disease problems is regulated under different legislation and so the rules for import and use are different. Import of drugs for own use is permitted and regulatory monitoring, conducted by Canadian Food Inspection Agency (CFIA) is done to ensure there are no prohibited residues or residues that exceed legislated limits (MRL) in marketed product (honey, wax etc).

***This letter summarizes the current situation* with regard to the regulation of pesticides and what bee keepers need to know to ensure they are not in violation of the Pest Control Products Act.**

Inspections of bee yards by PMRA have been conducted in BC since 2001 to ensure only registered pesticides were being used in hives and used according to label. Inspections of bee hives began when it was suspected that pesticides were being used incorrectly and not according to label directions. These inspections have been conducted with expert advice and help from provincial apiculturists.

Since inspections of BC bee yards started in 2001 there are have been many enforcement actions taken to correct misuse of pesticides by bee keepers. The most severe actions have been the issuing of ten Notice of Violations under the Agriculture Administrative Monetary Penalties Act. When a Notice of Violation is issued, the infraction can be published along with the name of company and a brief description of what happened.

Most of the violations involved leaving pest strips in the hives longer than the label prescribed period. However other violations found, included use of unregistered pesticides and unsafe use of pesticides in the bee yard.

Date NOV issued	No. & Type of NOVs issued	Home Location of Bee Keeper
2002	1 NOV Warning	BC
	2 NOV Warnings	Alberta
2003	3 NOV Warnings	Alberta
2006	1 NOV Warning	BC
	1 NOV Penalty (\$4,000)	Alberta
2007	1 NOV Penalty (\$4,000)	Alberta
2008	Min.of Env - Ticket	BC
2009	1 NOV Warning	BC

Formic acid is a product used by beekeepers to control mites in hives. Beekeepers have been able to purchase and use formic acid if it is used as directed in the CAPCO C94-05 note published by the PMRA. In June of 2009 PMRA issued a (continued on page 8)

PP

2009 Executive

President: Charles Polcyn
Ph 284-7064
845 Kebir
Winnipeg, MB
Email: charlespolcyn@yahoo.com.

1st Vice President: John Badiuk
Ph .943-0166
1413-411 Cumberland Ave
Winnipeg, MB R3B 1T7
Email:honeyb@mts.net

2nd Vice President: Brian Smith
Ph 204-373-2527
P0 Box 423
Emerson, MB. R0A 0L0
Email: smthbgs@mts.net

Secretary: Ron Rudiak
Ph 326-3763
216 Loewen Blvd.
Steinbach, MB R5G 0E5
Email: manbeekr@mts.net

Treasurer: John Speer
Ph 222-3007
Box 16, Group 555, RR 5
Winnipeg, MB R2C 2Z2
Email: jursss@mts.net

MBA Delegate: Jim Campbell
Ph 467-5246
Box 234
Stonewall, MB R0C 2Z0
Email: jaycam@mts.net

Reporter: Ron Rudiak
Ph 326-3763
216 Loewen Blvd.
Steinbach, MB R5G 0E5
Email: manbeekr@mts.net

Newsletter Editor:
Ken Rowes
Ph 204-755-3427
Cloverleaf Box 758
RR1 Anola, MB R0E 0A0
Email: Roweskd@mts.net

President's Comments – November 2009

This year's Honey Show at the Forks was quite well attended despite the early arrival of snow and cold. Many people came out to visit the show, examine the equipment displays, observe the bees, ask a variety of questions on pollination and do some shopping from the three honey vendors. Three new competition categories created much interest for the visitors. The Photography Exhibition, the variety of Honey Beverages/Wines on display and the BeeGinner Honey Class all had a large number of participants. Congratulations to Jonathan Hofer whose quality entries into the Honey Show made him the 2009 Grand Prize winner.

The next RRAA meeting on November 10th will take place at the usual location, the River Heights Community Center. However the start time for the meeting will be 8 PM and the room location will be on the first floor, the room to the right as you enter the building. This meeting will focus on several things – Bee-keeping Gadgets & Inventions; Spousal Appreciation Night, Selection of an Executive Search Committee, and a Social Event with snacks and beverages for all in attendance. This is an opportunity for all of us to enjoy the last meeting of the year, bring our spouses to a meeting and perhaps gather some gadget ideas to use in 2010.

Some more news of Varroa Mites being discovered in the Kona queen breeding area on the big island of Hawaii. This may mean that the current source of queens and attendants that might be mite free will no longer exist. Chile has begun a Queen Export program but are they free of varroa mites?? And the question of how much more production of queens can Chile provide for next year is anyone's guess. The implications for beekeepers across the Prairies is substantial as it will mean that all attendant bees from any of the usual queen importing countries should be removed and replaced by local bees. This will minimize/eliminate the problem of importing new varieties of varroa mites from Australia, New Zealand, USA mainland, and now Hawaii into Canadian beekeeping operations.

The October 21, 2009 morning symposium on bees and bee health problems at the Fort Garry Hotel was attended by several of the RRAA executive as well as many beekeepers from across the province. The presentations from experts from around the world provided much information on the current research projects related to colony collapse and we were told that there are no easy answers to the CCD situation. We were also reminded that most of the feral colonies of honey bees have disappeared from all over North America. At the symposium there were references to some of the websites from the presenters. In another article in the Bee Cause, one can visit those websites for more information on the ongoing research. Some of the findings shed more light on the question of the health of honeybees in different parts of the world, as well as the challenges of sustaining the health of honeybees in the future.

We are coming to the end of our RRAA year and hope that the members have found value in the Newsletter information and also enjoyed the topics at our meetings. We need to hear what your wishes are for meeting topics in 2010, and hope you will pass those ideas on to members of the Executive. I wish to thank the Executive for all the help provided during the year. They have gone out of their way to provide good programming for our membership.

We have all had a challenging year from January to November, but the bees did their best to bring in a reasonable crop and we did our best to help them.

To all members of RRAA, best wishes for a good holiday season and a Merry Christmas

Best wishes to all for 2010.

Yours in Beekeeping Charles Polcyn – RRAA President

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**Minutes of the RRAA General Meeting
River Heights Community Club - October 13, 2009**

7:30 PM: With twenty-one members and guests in attendance, Charles Polcyn welcomed everyone and made several announcements.

- 1) The honey competition score cards are available at the front to be picked up by exhibitors.
- 2) Charles will give us a look at the Philippines, the theme of the presentation for the evening. Charles spent January and February of this year in the Philippines working with several beekeeping operations and looking for ways to improve their honey production.

Minutes of the September 8 meeting approved:

Moved by Ken Rows and seconded by Margaret Smith to approve the minutes as published in the September *Bee Cause*.

Correspondence: Charles reported that a letter of appreciation has been received from the Forks management for the Manitoba Beekeepers Honey Show. They liked the layout, the educational displays, the cooking demonstrations and the way the honey show was organized. The food market was also pleased with our pollination display and the gift basket from our vendors.

Financial Report: John Speer reported that we have \$3600 in our general account. Bee Maid gave a donation of \$150 for the honey show and also provided many of the items on display. The MBA also provided \$450 to assist with honey show expenses.

MBA Report: Jim Campbell informed the RRAA members that the Canadian Bee Industry Safety Quality and Traceability (CBISQT) production manual is in Technical Review, a necessary step done in cooperation with CFIA. When the review has been completed money will become available to train Canadian beekeepers who want to use the CBISQT program.

Lab fees increase: There will be an increase of \$5.00 per bee sample sent in to the lab for analysis effective January 1, 2010.

Imported New Zealand packages and queens: Apparently there have been reports of problems with up to 30% of the queens imported from NZ and bees have been coming in with Varroa mites on them.

Canadian Honey Council conference: A joint MBA-CHC conference is being planned for Winnipeg in 2011/2012

Individualized Web Based Weather Insurance: Steve Olnick and Jim Campbell will meet with Keystone Agricultural Producers (KAP) to discuss a web based weather insurance program. Web based information will show smaller areas of rain, hail or frost which can adversely affect production in these areas.

MAFRI Report: The Honey Bee Virus Interactions Symposium will be held on Wednesday, October 21 at the Ft. Garry Hotel. The cost is \$35.00 for beekeepers. Those wishing to attend should contact David Ostermann (204)945-3861. David reminded everyone that he had brought copies of Adony Melathopolous' article on wintering honey bees that members could pick up.

Manitoba Beekeepers' Honey Show: Charles noted that there were many new entries in the competitions. In the honey classes this year, there were 40 and several entries for the mead and photography section. However there were none in the beeswax or frame of honey competitions. The photography section was very popular with visitors.

Loonie Draw: Jim Uttley had his name drawn for a fine jar of honey, Lori Iverson won the bear containing solid honey, Willie Mandryk won the Wisconsin honey, and Ken Rows got the Chinese honey, John Speer the honey from Costa Rica and Ron Rudiak the honey from Fort Whyte. A big thank you to those who donated draw items and Loonie draw participants.

Ron Rudiak, recorder - RRAA

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FYI. (for your information) [1]

Not good news that the Kona Queen yards in Hawaii have varroa. Importation protocols will need changing. Market source for clean queens is now limited to Chile.

As you are aware that over 75,000 queens are imported from Kona every year. The majority of these queens are used in Alberta. A copying of this e-mail to Dr. Kruger, CFIA to follow up and prepare for changes in regulations as needed.

Yesterday, October 14th the base yard of Kona Queen Hawaii was found to be infested with varroa. We are assessing the situation in all the bee yards on the Kona side of the Big Island.

FYI. (for your information) [2]

In July the Manitoba Beekeepers Association submitted a letter of extension to the phase out proposal from the Pest Management Regulatory Agency (PMRA) of Health Canada /per:

Regulatory Proposal for the Phase-out of Note to the Canadian Association of Pest Control Officials C94-05

A timeline of December 10, 2010 for the phase-out of Note to CAPCO C94-05 and submitting applications for registration of 65% liquid formic acid is proposed in order to allow adequate time for a presubmission consultation with the PMRA, produce any new data required for registration (efficacy data, for example) and prepare data and submission packages. Submissions must be submitted for the registration of 65% liquid formic acid by December 31, 2010.

Any use of 65% liquid formic acid not listed on the label(s) proposed for registration (for example, use directions in C94-05; use of slow release applicators such as Mite Wipes or MiteGone; flash treatments, etcetera) will not be permitted after December 31, 2010.

As an interim measure, if submissions for registration of 65% liquid formic acid are received by December 31, 2010, use of 65% liquid formic acid according to the proposed label(s) will be permitted until the completion of the full review of these submissions.

Should no application for the registration of 65% liquid formic acid be submitted to the PMRA by December 31, 2010, Note to CAPCO C94-05 will be cancelled and all unregistered uses of formic acid will not be permitted as of that date.

It is highly recommended that prior to submitting an application for registration, applicants request a presubmission consultation with the PMRA.

The MBA requested a timeline of 2013 and beyond to allow for research and discovery of better and new treatment controls.

Ken Rows RRAA Editor

Entomological Society Symposium Informative By Jim Campbell, RRAA Exec member

Information directly aimed at honey bees and how they interact with viruses proved timely for beekeepers attending the Entomological Society Symposium in October.

At the Apiculture Sessions, held 21 October, in the Club Room of the Fort Garry Hotel, Winnipeg, researchers from across the globe spoke of their respective findings. Although the specifics of each talk were different, keeping bees healthy so pollination and honey production could take place, showed up as the common thread. Varroa attacks the bees, and as the bee immune system is compromised, viruses can further impact its' health.

Currently, there are about 18 viruses already identified. Some of these include Deformed Wing Virus (DWV), Israeli Acute Paralysis Virus (IAPV), Kashmir Bee Virus (KBV), Acute Bee Paralysis Virus (ABPV), Black Queen Cell Virus (BQCV), Sac Brood Virus (SBV), etc. Viruses are often difficult to differentiate under a microscope, thus analysis at the microbiological level is necessary.

Locally, research is ongoing at U of M, Winnipeg, to determine ways to reduce the impact of Deformed Wing Virus (DWV) on Honey Bees. DWV (identified by crumpled wings and reduced bee body size) not only shortens the life of the deformed bee but also causes early death of bees with "normal" wings and thus could be an important factor in winter death of colonies. The genetic "code" of the virus has been sequenced and thus the "fingerprint" unique to the virus (similar to a DNA finger print) can be used to develop very specific controls against DWV. Suresh Desai is using a new technique called RNA interference that utilizes a double stranded form of RNA (dsRNAi) to destroy the virus in the cell. RNA is a substance that normally helps a cell to produce proteins necessary for body functions but also is related to the structure of most bee viruses which scientist categorize as "RNA viruses". He has shown that a form of dsRNAi developed in the Bee Lab at the University of Manitoba can be feed to larval and adult bees and greatly reduce the proportion of bees that have deformed wings and increase the survival rate of virus infected adult bees. More tests are needed to determine exact dosage for field trials but this technique shows great promise as an economical method to control viruses and thus may provide a new management tool to increase winter survival of our colonies.

According to Dr. Joachim R. de Miranda, Sweden, colonies with DWV may be more aggressive. He noted several organizations across Europe are studying different aspects of virus, and thus the need to disseminate information to academic, professional, commercial and political sectors. Dr. Ilan Sela, Israel, reported on using RNAi as a control of Israeli Acute Paralysis Virus (IAPV), which has been associated with Colony Collapse Disorder, as has other stress factors. Dr. Diana Cox-Foster, Pennsylvania, who had been involved early with

Dave Hackenberg and CCD in 2006, talked about the various studies to replicate CCD. And a surprise to most, bee viruses have been found in water as well as on flowers. About 1/2 of pollen collected in the field contained viruses left behind by honey bees and other pollinators. She also revealed bee food will transmit DWV. She emphasized a real need to radiate equipment where CCD has occurred, as this is a multi factorial disease.

In other news, Eyal Ben-Chanock, Florida, spoke of the availability of "Remebee" as the dsRNA produced by his company "Beeologics". This particular product targets only IAPV. The product was field tested on 100 hives in Florida and 60 hives in Pennsylvania during 2008. The Florida trials resulted in 3 times more honey and 55% more bees when tested on virus inoculated hives. Remebee was classified as a therapeutic drug in late 2008. He noted RNAi technology is very specific and works well with bees. Dr. Martin Erlandson, Saskatchewan, highlighted research on the use of viruses as a biological control agent for insect pest control. While no viruses affective against honey bee pests have been identified, the Bertha Army worm and Cabbage looper were cited as pests currently controlled, with no adverse impact on humans or any other insect.

The more than 15 Manitoba beekeepers in attendance appreciated Rhéal Lafrenière, MAFRI, and Wednesday's Session Chair, for making it possible to hear these timely and informative sessions given by global representatives. Thanks also to Lynda Klymochko (our Bee Lab analyst) and Jim Campbell (RRAA) for helping at the Registration Desk.

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MBA news events

By Jim Campbell, MBA Rep

The directors of the Manitoba Beekeepers' Association were busy covering a variety of topics at their last regular meeting.

At the Neepawa meeting in October, the MBA was joined by Peter Veldhuis, who covered the possibility of federal funding for Food Safety activities. There are funds for education and training, plus the potential for testing for residues in Honey. The board considered bringing in a speaker to meet with producers on the Food Safety issue.

In another area, the board approved an increase in Bee Lab fees for 2010. The basic fee for complete analysis of tracheal, nosema, and varroa will go to \$25, while fees for individual nosema or varroa will be set at \$10.00 each. Fees take effect January 1, 2010.

Discussion about difficulties with New Zealand bee stock focused on a failure rate of 30% for queens, and problems with supercedure. In addition, suppliers were advising package bee purchasers to treat for varroa, and be aware of high levels of nosema. These cause concern as New Zealand can't use fumidil B for nosema treatments.

On a national level, MBA will offer to host the Canadian Honey
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Council symposium in 2011 or 2012. The next Symposium takes place January 2010, in Orlando, in conjunction with the American Beekeeping Federation.

For insurance coverage for farmers, MBA is working with the Keystone Agricultural Producers, to expand the Individualized Area Based Insurance system in place in Alberta. This system is based on weather patterns for small areas across Manitoba. This may help producers who are faced with flooding, while nearby neighbours may have drought. MBA is on a committee with Pulse Growers, Sunflower Association, Canola Growers, and Potato growers for this project.

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Here's a "**correction**" that I think would be good to include in the next newsletter. I haven't done this before but I think it'd be a good idea. David Ostermann.

Correction:

There was an error in a handout at the last RRAA meeting (Oct. 13, 2009). In reference to the Szabo (1982) study the best wintering results in that study were with hives that had both a bottom and upper entrance 1 x 5 cm in size each (not 1 x 1.5 cm as in the handout). Further, regarding the bottom entrance, while there is reference to blocking it off in the book *Beekeeping in Western Canada*, it is probably best to have a bottom entrance for added ventilation, as supported by the Szabo (1982) study.

Thanks David

MANITOBA HONEY SHOW

2009 Competition Results

Class 1

Liquid Honey, White

First place: Ron Rudiak
 Second place: Ken Rowes
 Third place: Raymond Hourd
 Fourth place: Charles Polcyn
 Fifth place: Brian Smith
 Sixth place: Lance Waldner
 Seventh place: Patrice Drouin

Liquid Honey, Amber

First place: Ken Rowes
 Second place: Jonathan Hofer

Liquid Honey, Dark

No entries

Liquid Honey, BEE-GINNER

First place: Ian Barnett
 Second place: Vera Mandryk
 Third place: Patrice Drouin

Fourth place: Pamela Yule
 Fifth place: Armand St. Hilaire

Granulated Honey, White

First place: Ron Rudiak
 Second place: Brian Smith
 Third place: Raymond Hourd
 Fourth place: Lance Waldner

Class 2

Chunk Honey

First place: Jonathan Hofer
 Second place: Raymond Hourd

Comb Honey

First place: Jonathan Hofer
 Second place: Raymond Hourd
 Third place: Charles Polcyn

Frame of Honey

No entries

Beeswax

No entries

Class 3

Best Taste

First place: Jonathan Hofer
 Second place: Charles Polcyn
 Third place: Raymond Hourd
 Fourth place: Patrice Drouin

Honey Beverage

First place: Raymond Hourd
 Second place: Evelyn Forget
 Third place: Jonathan Hofer
 Fourth place: Ken Rowes

Photography

a) **Honey Bee Pollination**

First place: Lance Waldner
 Second place: Brian Smith
 Third place: Ken Rowes

b) **Beekeeping in Manitoba**

First place: Jim Campbell
 Second place: Lance Waldner
 Third place: Brian Smith
 Fourth place: Ken Rowes

c) **Other Bees and Insects**

First place: Brian Smith

Champion Exhibitor

Jonathan Hofer

Congratulations to all entrants!!



Stylized 'Bee Chef' Sarah Speer

Helping in the Manitoba Honey Show by baking with Honey!

Pollination featured at the 2009 Honey Show

Jim Campbell & Charles Polcyn, Honey Show co-chairs

The 2009 Manitoba Honey Show took place the weekend of October 9th -11th at the Forks Market, Winnipeg. It had as its theme **"Pollination and the Foods we Eat"**. As part of the plan to stimulate conversations with consumers, the Show featured a display of fresh produce provided by TUTTI FRUTTI of the Forks. Colourful signage drew people's attention to this valuable contribution of the Honey Bee. Meanwhile, a second new feature at the Show, the photo competition, also drew attention to the "Honey Bees and Pollination" category. This was but one of three photo categories on display. Congratulations to Lance Waldner, whose entry won the most "Viewers Choice" votes from the many visitors over the three days.

Another competition category was added for 2009, the "Honey Beverage" class. Viewers were attracted to the bottles of Mead (Honey Wine) showing the newly designed 2009 prize ribbons. In a second new "Bee-Ginner" class, 5 first-time entrants participated in the show. Overall, about 40 entries were on display for the weekend. Congratulations to Jonathan Hofer for capturing the Champion Exhibitor prize this year. As usual, honey not picked up after the show on Sunday will be donated to the breakfast program of an inner city elementary school.

The Observation Hive continues to be popular with visitors! Our 10+ volunteers spent many hours near the frames of bees discussing the intricacies in the life of our favorite insect, the honey bee. Their conversations often led to the beekeeping industry display, where several components of the hive and beekeeping equipment were available for examination, and were described with appropriate signage.

Our beekeeper "Chefs", their information, presentation steps, and the food they created using honey entertained and



Honey Mead winners

First	Donna Hourd
Second	Evelyn Forget
Third	Jonathan Hofer

fed many visitors at the show. Cooking demonstrations were spaced throughout the three-day event, with Charles Polcyn, John Russell Badiuk, and John Speer each having a turn at the kitchen grill. People loved the tasty samples!

Thanks to the many volunteers helping out at the display areas, the competition entrants, MAFRI staff, and RRAA members. Also thanks to the Manitoba Beekeepers' Association (MBA) for funding part of the show expenses, the support of Bee Maid for handouts, prizes and equipment on loan for display. Also thanks to the vegetable vendor at the Forks, TUTTI FRUTTI, for the loan of food items requiring pollination. Our special appreciation to Sam Barlin, David Ostermann, and Steve Olnick for the honey competition judging, and Kerry Hourd for judging the photography entrants.

In spite of it being Thanksgiving Weekend, and an unexpected snowfall on Friday and Saturday, many people came to the Forks for the Honey Show. They enjoyed a variety of displays and had a chance to observe the bees and meet with the beekeepers. They also had a chance to purchase distinct types of honey and honey value added products from the three vendors. It was a good show and the new categories added to everyone's enjoyment!





Editor's Note by Ken Rowes

Snows touched our hives yet hasn't stayed, at least to mine this Nov. 1, and to the delight of some beekeepers the little sweet producers are snuggling up for the winter and hopefully been treated and fed.

Now fellow 'Bee-gers', I am not expecting you to be cavorting about your apiary in flowing robes or other such suits parking your hive tool at the edge of the apiary but there are a great many things yet to be done, let us say beyond the honey house sales.

There is the storing of equipment, the cleaning and storing of tools. And don't forget the vehicles checking oil and antifreeze (they have timelines too).

For some their hives have been wrapped outside but the for others the weather is still mild. The question of feed being used up or not can be on their minds. It has been said we are in for a mild winter so it follows with lots of snow. Wintering rooms have been prepped so it is just a matter of temperature now.

I suppose for the enthusiastic it is time to neaten-up the extracting room, the storage room, the wintering room and most important the client room and office. As these are done a thought of winter jobs may come to mind such as fixing the broken and building the new. So make room and provide the heat to work comfortably having acquired the supplies on hand.

And for you who have the harvest abundance still to sell, bless you and we wish you good sales through the winter months.

OK, there you have it, say hello to an old beekeeper friend and please take the time to attend a RRAA meeting. We're socializing and sharing our thoughts on new gadgets and the pest and pathogen controls for Bees. Use your input!

CLASSIFIED

1. For Sale: 25 Gallon single walled honey sump. Electric uncapping knife with preset thermostat, like new. 1 complete Top Bar Hive.
Contact: **Lance Waldner** Home 433-2517 Cell 712-6783 lancewld@gmail.com

2. Wanted: Honey pump and semi automatic honey container filler. Contact Lance Waldner (204)433-2517, cell 712-6783 or lancewld@gmail.com

3. FOR SALE: Jabsco 15050-0675, food grade 316 stainless, pedestal pump (standard 2" Sanitary Threaded Ports). The 15050 is rated at 50 gpm (water) and is also used to pump foods like honey, jam, relish and peanut butter. All bearings, O-rings, wear plates, shaft seal and impeller have been replaced with new Jabsco parts to provide new per-

The Bee Cause is the official publication of the Red River Apiarists' Association for distribution to its members and their colleagues in the beekeeping industry. It is published eight times a year on a monthly basis except December and the summer months of June, July, and August when membership meetings do not occur.

Articles can be best submitted in word documents as email attachments. Though they may be edited for spelling and basic grammar, no changes will be made to their contents, message and opinions. They are those of their originator and not of the Red River Apiarist Association.

Deadline for any submission to this newsletter is the second Saturday preceding the membership meeting to allow for publishing and mailing delays. Regular membership meetings are normally scheduled 7:30 PM on the second Tuesday of every month at the River Heights Community Centre located at 1370 Grosvenor Avenue in Winnipeg except the months as noted above.

The Red River Apiarists' Association, formed in 1963, represents the beekeepers of the Red River Valley and environs in southern Manitoba. The association provides a forum for the promotion of sound beekeeping practices through education, networking opportunities, meetings, field days, workshops, presentations by local apicultural experts, as well as the dissemination of this monthly newsletter.

We are on the web!
www.beekeepingmanitoba.com

formance. New price is \$2520(US). Will sell for \$1250. Call Ron Rudiak (204)326-3763 or e-mail manbeekr@mts.net

4. Wanted: S.S Bottling Tanks Single wall or double wall with water jacket, good condition or repairable. Also needed—Belt Barrel Heater for drums: **call Brian Rich 204 739-5481**

5. FOR SALE: 30 Frame Maxant Extractor. please call **Javad Niazi At 885-0576 or javadni-azi@yahoo.ca**

6. FOR SALE: Clearance of a variety of Beekeeping Equipment—Honey Supers, Brood Boxes, Wax Dipped Feeder Boxes, Queen Excluders, Bottom Boards, Lids, Empty Shells, Bare Frames, etc. Reasonable Prices on all items. Call Charles Polcyn at 284-7064 or email at: charles_polcyn@ymail.com

Announcement:

2010 North American Beekeeping Conference & Tradeshow Tentative Agenda (as of October 13, 2009) .

A copy of tentative agenda for American Beekeeping Federation symposium in Orlando, Florida, the week of Jan 12-18, 2010 (CHC is part of this) is posted on the Manitoba Beekeepers website.

As you will see, not all sessions are identified at this time.

Agenda from ABF web site.

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(continued from page 1) **Pesticides**

notice of its intent to cancel the provisions allowing the use of 65% liquid formic acid by December 31, 2010.

This means that after that date only **registered formic acid** will be legal for use. Currently a final decision has not been reached and there have been requests by industry to extend the cancellation date.

The following table lists products that are classified as pesticides and subject to the Pest Control Products Act and Regulations and have been used by bee keepers. Also indicated in this table is whether or not the product is registered and therefore legal to use.

Pest	Product Name	Active	Registration Status	Comments
Varroa	Apistan Pest Strips PCP 23023	fluvalinate-tau 10.25%	Full Registration	Treatment period 42 days
Varroa	Check Mite + Pest strips PCP 27147	coumaphos 10%	Full Registration	Treatment period 42-45 days. Wait 14 days before replacing honey supers
Small Hive Beetle	CheckMite + Pest Strips PCP 27147	coumaphos 10%	Minor use Registration	Treat 42-45 days. Wait 14 days before replacing honey supers
Varroa	Apivar Pest Control Strip PCP 29092	amitraz 3.33%	Emergency Registration Aug 08-Apr09	Treatment period min 42 days max 56 days
Varroa Tracheal Mites	NOD 65% Formic Acid PCP 27834	formic acid 65%	Full Registration	
	NOD Formic Acid Pad PCP 27835	formic acid 47.65%	Full Registration	
	Nod Away II Formic acid PCP 27836	formic acid 47.65%	Full Registration	
	Formic acid CAPCO 94-05	formic acid 65%	Interim until Scheduled under PCP regs	Direction for use on CAPCO note
Varroa	Oxalic Acid	Oxalic acid 99.6%	Exempt from registration provided it is used according to CHC label	Directions for use provided on CHC website
Varroa	Sucrocide	sucrose octanoate	Not Registered	
Varroa	Apilife Var Apiquard	Thymol	Not Registered	
Tracheal mite	Menthol CAPCO 92-05	menthol >99%	Interim until scheduled under the PCP Regulations	Directions for use on the CAPCO note
Ants		insecticides	None Registered	No registered pesticides for ants in bee hives or empty hive equipment
Wax moths		Paradichlorobenzene Moth balls fumigants	Not Registered	No registered pesticides for wax moths in empty hive equipment
Rodents		Rodent baits in storage rooms	Many registered actives	Rodent baits must be placed in tamper resistant bait stations and away from food contact surfaces.

(continued from page 8) **Pesticides**

Some of the above uses are prepared from generic active ingredients and the bee keeper can apply them in a variety of ways. For example oxalic acid can be applied as a liquid injection or as a powder that is heated and vapourized into the hive. All the actives have some guidelines that must be followed. The registered active ingredients must be used in the format and formulation for which they are registered. For example fluvalinate, coumaphos and amitraz can only be used as the commercially available pest strips. You can not prepare your own delivery method using liquid formulations of these actives.

A registered label (e.g. Apistan) or scheduled label (e.g. Oxalic acid) directions must be followed. Vendors of these products cannot promote or advertise or re-label these products with claims to control other pests. For example formic acid cannot be sold with claims to control small hive beetle or bee diseases. Pesticides can only be sold and advertised to do what is claimed on the registered or approved label. The registration process is based on the evaluation of data which proves that the pesticide will control the pest without harming bees, people and the environment when used as directed.

Mite strips must be disposed as outlined on the product label. The disposal directions vary from product to product so it is important that beekeepers read the instructions carefully.

The PMRA will continue to monitor hives for compliance with these requirements. Bee keepers with bees in BC can expect that there hives will be inspected and sampled, weather permitting, at anytime.

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**Red River Apiarists' Association
Winnipeg, Manitoba
2009 MEMBERSHIP APPLICATION**

I apply for membership in the Red River Apiarists' Association. Membership includes one-year subscription to the newsletter "The Bee Cause" (8 issues)- \$25.00.

Name _____ Tel. _____

Address _____

City _____ Prov. _____ Postal Code _____

E-mail address _____

Signature _____

New Member [] Renewal [] Student [] [free 1st year]

Other. Please specify. _____

This completed form may be brought to the meeting or mailed with your cheque to :

John Speer, RRAA Treasurer
Box 16, Group 555. Winnipeg, Manitoba R2C 2Z2.

Make cheques payable to Red River Apiarists' Association.
Please do not send cash in the mail.