



Missouri State Beekeepers Association  
 P.O. Box 448 Oak Grove, MO 64075  
[www.mostatebeekeepersassociation.org](http://www.mostatebeekeepersassociation.org)

January 2006

Eugene Makovec  
 Editor

## Fall Meeting Draws 75 to Tan-Tar-A

The MSBA 2005 Fall Meeting was held on October 28-29 at Tan-Tar-A resort in Osage Beach.

The 75 or so attendees were treated to excellent presentations on honeybee pests and their control by Robert Cox and Dr. Pedro Rodriguez, with a demonstration on mineral oil fogging by Mark Cushman.

Bonnie Woodworth, Dakota representative of the National Honey Board, gave an excellent presentation highlighting the wonderful work that organization is doing to fund bee research and to promote hive products both in this country and abroad.

For more on these informative seminars, see stories on pages 3-4.

The annual business meeting resulted in one change to the list of officers, with Newsletter Editor Glenda Richardson stepping down due

to increasing demands on her time from family responsibilities. She was replaced by Eugene Makovec. (Thanks again, Glenda, for all your hard work over the past year!)

And finally, 2004 Honey Queen Lauren Whitney ended a successful reign, and another beautiful queen was sworn in. Sarah Jackson is a University of Missouri freshman from New Cambria, MO, majoring in Agricultural Journalism. Sarah introduces herself on page 11.



*Sarah Jackson  
 2006 Honey Queen*

### INSIDE THIS ISSUE:

<i>From the President</i>	2
<i>Monte Richardson</i>	
<b>The Rodriguez Method:</b>	3
<i>Controlling varroa mites with FGMO</i>	
<b>Fall Meeting Reports</b>	3-4
<i>from Tan-Tar-A</i>	
<b>Think Spring!</b>	5-8
<i>Preview the Missouri-Kansas joint meeting coming up in</i>	
<b>Local Club Information</b>	9
<i>Join us or renew your membership now!</i>	10
<b>Honey Queen Report</b>	11
<b>Directory of Officers</b>	11

## Fogging Demo is an Attention-Getter



*Mark Cushman of The Fountainhead Group shows off his propane foggers as Dr. Pedro Rodriguez looks on.*

It was a bit slow getting started, as cool morning temperatures made for difficult lighting. But once ignition was achieved, all assembled knew it.

Mark Cushman, Sales Engineer for the Fountainhead Group, was in Tan-Tar-A to demonstrate use of the company's propane foggers for the application of food grade mineral oil (FGMO) to a beehive (an empty one in this case).

adjointing parking lot. Passers-by gawked at the curious gathering, and many in the area must have wondered at the interesting odor wafting over the grounds.

But no emergency vehicles arrived, and after a few minutes the crowd moved back inside for the next session.

Assisting in the proceedings was Pedro. Rodriguez, Ph.D., a veterinarian, fourth-generation beekeeper and pioneer in the use of FGMO for control of varroa mites.

Once ignited, the foggers lived up to their name, as dense vapors covered the assembly and much of the





## From the President

### Monte Richardson

Hello All,

It's that time of year again, time to reflect on events from the past year and plan for the upcoming year. Mites are becoming resistant to conventional treatments, but other methods are showing promise. Small Hive Beetles appear to be manageable here in the Midwest. Honey prices are said to be on the rise, but we'll have to wait and see.

This upcoming year will be my last as an active leader of the Association. The last three years have been fun and educational. I've met some outstanding people that have inspired me to rise to the occasion as a member of the leadership of the organization. If there is anything that I can claim as a desire and accomplishment it has been the diversification of the Executive Board. I am glad to say that we have people on the board from almost every section of the state.

This year I would like to strengthen the relationship between the State Association and the local organizations. On a monthly basis I receive several requests for information or a contact from State or Federal agencies, a plea for help from some homeowner that has bees in their attic, or some other group or individual requesting information about bees and beekeeping in Missouri. The state association has never existed to detract or diminish the importance of the local organizations, but exists to strengthen the local organizations and, through a partnership with the local organizations, become more than what any single organization could be on its own.

This newsletter is one means for local associations to share news and information from their areas. I welcome any and all contributions to the newsletter. If your local association isn't listed in the newsletter or on the web site, contact anybody on the Executive Board and we'll address that issue.

Steve Harris and I have been kicking around the idea of making a map of the state showing the local associations and their geo-

graphic areas of interest. My only concern is that people would misunderstand our intentions and think that we are mandating "districts". That is not our intention. I would like to hear from local associations. Would you like to have your area designated on a map that would be available to new beekeepers so that they would know whom to contact about beekeeping?

The Executive Board holds three meetings a year besides meetings at the Spring and Fall meetings. Every local organization can designate somebody to attend these meetings, contribute to the decision making process and vote on issues. Members of the state association can attend any executive meeting as well but cannot vote. The next Board meeting will be held January 21, 2006 in Columbia, MO. If you are interested in attending, feel free to contact me or any other board member for details.

The Missouri State Beekeeper's Association and Kansas Honey Producers Association will be holding a joint Spring Meeting in March in Overland Park, Kansas. Overland Park is part of the Kansas City metro area and just a couple of miles over the Missouri-Kansas Border. Sharon Gibbons and Joli Winer have gone to great lengths to put together an excellent meeting. The accommodations will be first-rate and affordable, and the speakers are great as well. I hope all of you will take some time out of your busy spring schedule and come to the meeting.

And finally, I received some sad news today. Many of you know Rose Terrill from Midwestern Beekeeper's Association. She has been a strong supporter of the State Association for many years. Rose became ill last year and hadn't been doing well for some time. I had the opportunity to visit with her last weekend and tell her how much I appreciated her contribution and friendship. Rose passed away this morning, 12/16/05. Please remember her husband, Bill, and the rest of the family during their time of grief.

## Miscellaneous FOR SALE

NEW Speed Queen Uncapping Knife -- **\$65.00**

NEW VHS "Wild America: The Beauty of Butterflies" by Marty Stouffer. Running time 30 minutes. **\$5.00**

NEW hardback books:

"Cooking Class Holiday Recipes": 95 pages, publisher's price \$16.00, selling for **\$8.00**, three (3) available

"Basic Flavorings VINEGAR": 63 pages, by Clare Gordon-Smith & James Merrell, **\$6.00**

"Wasps at Home" by Blanca Lavies, reinforced library edition by Dutton Children's Books, publishers price \$13.95, selling for **7.00**, three (3) available

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C 314-306-8368



## The Rodriguez FGMO/Thymol Method

Dr. Pedro Rodriguez provided the following instructions for the mixture and use of food grade mineral oil (FGMO) in both the emulsion-soaked cords and the fogger mixture.

### Emulsion-Soaked Cords

1000 cc FGMO @ 0.86 density (weighs 860 grams)

100 grams thymol

1000 g honey (2.25#)

1000 g beeswax (2.25#)

100 cotton cords (40" long)

Add the weight of the ingredients without the cords, and divide into 100g thymol. Thus:

$100 \div 2960 = 3.38\%$  thymol

### Fogger

1000 cc FGMO @ 0.86 density (weighs 860 grams)

50 grams thymol

Add weight of ingredients and divide into 50g thymol.

Thus:

$50 \div 910 = 5.49\%$  thymol

### Diluting the Thymol

To ensure proper mixing, thymol should first be diluted as follows:

Remove 100 cc FGMO from the 1000 cc intended for mixture, and place in a glass mason jar. Add the thymol to this oil, and secure cap tightly. Place a metal or ceramic container of water on a heat source and place jar in water. Swish/swirl the jar as water heats up until thymol dissolves completely. Solution will become slightly amber in color, and is then ready to be added to the rest of the FGMO and mixed for use as follows:

### Preparing FGMO-Thymol Emulsion

Place FGMO in metal or ceramic container and place over heat source. Allow oil to heat. Add beeswax and stir well until wax is totally melted. Remove container from heat source. Add honey and stir until it blends into mixture. Add the previously-diluted thymol. Add cords immediately and stir until they are well-soaked with the solution. Pack cords in a tightly sealed container and store in a cool place. The cords will be ready for use as soon as the emulsion cools.

### Preparing and Using FGMO-Thymol

#### Fogger Mixture

Add the previously-diluted thymol to FGMO and shake well. Fill your fogger

container. You are now ready to fog.

Set fogger on a level, steady surface. Turn gas valve to the left 1/4 turn and listen for a slight hissing sound. Light your fogger from underneath. (A butane stove lighter is recommended for this purpose.) Wait.

You should notice a drop or two of oil dripping from the spout of the fogger. Next, you should notice a small emission of oil mist similar to that of a lit cigarette. Next, the fogger will emit a larger puff of oil mist. The fogger is now ready for fogging.

Holding the fogger parallel to the ground, point the nozzle directly at your hive entrance. DO NOT AIM THE FOGGER DOWNWARD! Place a tray or shield below the hive if you use screened bottom boards in order to direct the mist into the hive. Pull the trigger of the fogger 3-4 times, while you count 1001, 1002, 1003, 1004, depending on the hive population.

When fogging, please wear a respirator for safety reasons. Never add any other ingredient to your fogger. Do not use foggers that may have been used to spray pesticides, as residues may remain embedded in the container, transfer to your FGMO/thymol solution and result in probable bee kills.

Questions? Dr. Rodriguez can be contacted at DronebeeR@netscape.net

## Highlights From the Fall 2005 State Meeting

### Kenny Norman, Vice President

The Fall Meeting can be divided into three parts:

**National Honey Board — Bonnie Woodworth:** The first part explained the influence of the National Honey Board on your local Honey Sales. Bonnie Woodworth highlighted the Tailgating recipe contest where a few thousand contestants send in Honey BBQ recipes to the National Honey Board and the finalist won a trip for two to Hawaii for the NFL's Pro Bowl. The contest is being continued this year and can be accessed at [www.nhb.org](http://www.nhb.org). Bonnie Woodworth related some of her experiences marrying into a commercial beekeeping operation in Halliday, North Dakota where she and her husband Brent run a few thousand hives for honey production and pollination in California and other coastal states. Their favorite plants for honey production in North Dakota are the different clovers and canola.

**Pest Control — Bob Cox:** The second part was the topics covered by Robert Cox, an entomologist from the Kiki de la Garza Sub Tropical Agricultural Research Station in Weslaco, Texas. He covered the topic of dealing with Varroa and the

small hive beetle. He put forth the following concepts with dealing with Varroa.

#### *Accurate Id and estimate of the pest*

This is accomplished by an ether roll and/or sugar roll. The sugar roll technique can be found at <http://ianrpubs.unl.edu/insects/g1430.htm>. The ether roll can be found at <http://maarec.cas.psu.edu/pest&disease/sl19.html>. With more than 10 mites in the jars it is time to treat.

#### *Multiple pronged method of dealing with Varroa*

A. A screen bottom board: He found that hives with a screen bottom board had 50% fewer mites than those that did not.

B. Use several methods when dealing with Varroa, including soft chemicals. They tested many thymol based products which had success. These included: Apiguard 95% which is not legal yet but will be soon; Api var Life which is legal; and Oxalic acid treatment of 3.5 % which was mentioned at the last Beekeepers

*(Continued on page 4)*





## Fall Meeting Highlights

*(Continued from page 3)*

Association of the Ozarks meeting in September and October. Oxalic acid showed a success rate of 90% and 95%, but this method is not yet legal in the United States.

### C. Genetically resistant bees

1. Russian bees, SMR Bees and Hygienic bees have tested resistant to Varroa mites. (Africanized bees and Africanized hybrid bees also have resistance.) SMR and Hygienic have the same technique when dealing with varroa; they uncap the cells where the varroa are and remove them from the hive. (SMR bees have the greater tested result of doing that.) Africanized bees abscond from an infested hive and go somewhere else.

D. Deal with Varroa before Threshold is reached. The threshold, or point when the hive cannot recover from a varroa attack, is reached here in Missouri in late summer and/or early fall. Varroa must be dealt with before or at that time so the winter bees can be the healthiest.

Bob Cox also spoke on Africanized honeybees. They have to wear three suits and duct tape them up to work with AHB and they can only work a few hours due to the fact it is very hot when wearing 3 suits. When they lift a frame of bees from an AHB hive the bees run and festoon on the bottom of the frame

making it difficult to locate a queen. To deal with AHB you must requeen the hive. According to Bob, the first generation hybrid from the hive is a great honey producer and is not as mean as the next generation.

Robert Cox spoke on the small hive beetle, its problems and solutions to deal with it. Most legal traps dealing with small hive beetle have slots that the beetle falls into and dies; these can be seen at [http://www.dadant.com/catalog/product\\_info.php?products\\_id=724](http://www.dadant.com/catalog/product_info.php?products_id=724). (Side note: A sample of beetles from Springfield was given to State Entomologist Mike Brown and he has determined them to be small hive beetle. This pest has now crossed the state from the St. Louis area to Springfield.)

The final part of the state meeting was dealing with another soft control of Varroa mites:

**Mineral Oil Fogging — Dr. Pedro Rodriguez:** Dr Rodriguez gave a speech on using food grade mineral oil (FGMO) for varroa mite control. This method entails fogging mineral oil with Thymol into the front of the hives with a fogger produced by The Fountain Head Group Inc. Their website is [www.thefountainheadgroup.com](http://www.thefountainheadgroup.com). Mention the Beekeepers Discount for special pricing.

(See page 3 for details on the Rodriguez method.)

## Tidbits from Tan-Tar-A

Sharon Gibbons, Program Chairperson

We had a great fall meeting at Tan-Tar-A. The weather was beautiful so it hurt our attendance. Whenever the weather is warm, we have members who choose to work their bees instead of attending the meeting. Thank you to all that did come. We had about 76 in attendance. Dr Pedro Rodriguez presented his research on treating beehives with mineral oil to reduce mite populations. Mark Cushman donated four of his company's foggers for our raffle. Several of our beekeepers are already using his method successfully to treat Varroa mites.

Our main speaker was Bob Cox from the Weslaco Bee Lab in Texas. Many of you remember Bob because he was apiary inspector in Iowa prior to going to Weslaco. He gave programs on Africanized bees, small hive beetles and varroa controls.

Bonnie Woodworth came from North Dakota. She represented the NHB and also gave a program on the hectic life of commercial beekeeping.

The fun part of the meeting included a Halloween costume party. The winners for best couple were Donna and Mike Brahms dressed as "Red Riding Hood (Mike) and the Big Bad Wolf (Donna)". The best single costume was Bonnie Woodworth as a cat, and best child costume was given to May Schmidt dressed as a clown... We had at least 15 dressed in costume. Such clever costumes were worn.

Thanks to those who helped me with the meeting, especially Gary Blackwell and Siobhan Thouvenot at the registration table,

and Chris Gibbons with set up.

We appreciate the participation of our vendors. This meeting we had Mid-Con, Drapers, and Sharon Waddel.

Support is appreciated from other bee supply companies who sent items to be raffled off. They were as listed: Heitkams Queen Bees, Bee Culture, Mid-Con, Drapers, Walter T. Kelley Co., B. Weavers, Wilbanks Apiaries, Dadant, Koehnen Queens, Strachan Apiaries, Eastern MO Beekeepers, Midwestern Beekeepers, Beekeepers of the Ozarks, The Fountainhead Group, and Bees and Trees Bee Supply.

In another part of this newsletter is the information on the Spring meeting in Kansas City, the first weekend of March. Hope to see you all there.

## DRAPER'S SUPER BEE

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**Three Queen Bees and a Drone**  
**Kansas’ Honey Producers Association &**  
**Missouri State Beekeepers Association**  
**Spring 2006 Meeting**  
**Friday & Saturday, March 3 & 4**  
**Overland Park Marriott**

**10800 Metcalf, (I-435 & Exit 169 Highway-Metcalf)**

**Room rate \$75.00 plus tax (\$85.14); make reservations by February 9th.**

**Call 800-228-9290      Group code: mkbmkba**

***Our guest speakers are excellent—Three Queens and a Drone!***

- **Dr. Marla Spivak** is at the University of Minnesota, Department of Entomology. She is part of the Minnesota Extension Service. She has been instrumental in developing bees with hygienic traits so that we can use fewer chemicals in our hives. She has written several books, including “Successful Queen Rearing” and “Beekeeping in the Upper Midwest”
- **Dr. Diana Sammatara** is with the USDA Bee Lab in Tucson AZ. She has written the book “The Beekeeper’s Handbook.”
- **Dr. Nancy Ostiguy** is at Pennsylvania State University. Her interests are in the area of sustainable and organic agriculture. The current focus of her research is in the area of environmental consequences of pest control strategies, including non-pesticidal approaches to pest control (IPM), and pesticide residues in foods and other products.
- **Dr. Tom Seeley** is a professor of Biology in the Department of Neurobiology and Behavior at Cornell University. He teaches courses in animal behavior and does research on honey bee behavior. He recently has had articles in Bee Culture magazine.

**See the following pages for Program and Registration form.**



## Spring Meeting Program

### ***Thursday night, March 2<sup>nd</sup>:***

**Board meeting for the Missouri State Beekeepers, 8:00 p.m., Sunflower Room**

**Board meeting for the Kansas State Beekeepers, 8:30 p.m., Boulevard Suite, 922**

### ***Friday, March 3<sup>d</sup>***

- 7:30-8:30 Registration & coffee & tea (Silent Auction Set-up)  
8:30-8:45 Welcome & announcements, President Monte Richardson  
8:45-9:30 **“Accurately Sample Colonies for Mites - A New Method”** — Dr. Marla Spivak  
9:30-10:15 **“House Hunting by Honey Bees”** — Dr. Tom Seeley  
10:15-10:45 Break  
10:45-11:30 **“Mite Management”** research update from the USDA Bee Labs — Dr. Diana Sammataro  
11:30-12:15 **“Organic Certified Honey: Can it be done?”** — Dr. Nancy Ostiguy  
12:15-1:15 Lunch on your own  
1:15-2:00 To be announced

### **Workshops – choose 4:**

- “How Viruses Change Beekeeping,”** — Nancy Ostiguy  
**“Plastic Foundation: Good for the beekeeper. Good for the Bees?”** — Tom Seeley  
**“Drone Selection”** — Marla Spivak  
**“Pollination”** — Diana Sammataro  
**“Nutritional Analysis of Honey & Honey Products”** — Jackie Rowan  
**“Dealing with Small Hive Beetles”**  
**“Installing Package Bees”**  
**“Making Nucs”** — Chris Gibbons  
**“Making Mead”** — Robert Burns  
**“Putting Together Gift Bags & Gift Baskets”**  
**“Soaps & Salves”**

- 2:05-2:45  
2:45-3:15 Break, visit vendors & bid on silent auction  
3:15-4:00  
4:05-4:50

- 6:30 Banquet & Entertainment  
Presentation of Missouri Beekeeper of the Year Award  
Coronation of Kansas Honey Queen

**Program continued next page**

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We will deliver your order free at the  
Missouri State Beekeeper’s Association Spring meeting



## Spring Meeting Program

(continued from previous page)

### Saturday, March 4<sup>th</sup>

7:45-8:15	Registration, coffee
8:15-8:30	Welcome & announcements, Tim Tucker
8:30-9:15	<b>“The Beehive as a Honey Factory”</b> Tom Seeley
9:15-10:00	<b>“Breeding Bees—News from the Minnesota Ivory Tower”</b> Marla Spivak
10:00-10:30	Break
10:30-11:15	Diana Sammataro (topic to be announced)
11:15-12:00	<b>“Pesticide Residues in Honey and Beeswax”</b> Nancy Ostiguy
12:00-1:00	Lunch on your own or Deli Luncheon (paid with registration) Vendors will be packing up at this time
1:00-1:45	TBA

### **Workshops — choose 3:**

- “How Viruses Change Beekeeping,”** — Nancy Ostiguy
- “Plastic Foundation: Good for the beekeeper. Good for the Bees?”** — Tom Seeley
- “Drone Selection”** — Marla Spivak
- “Pollination”** — Diana Sammataro
- “Pollen Collecting”**
- “Preparing Honey for Shows”** — Kristi Sanderson
- “Insect Photography”** — Betsy Betros

1:50-2:30	
2:35-3:15	
3:20-4:00	
4:00-	Door Prizes & Drawings

**Program and speakers subject to change**

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# Kansas' Honey Producers Association & Missouri State Beekeepers Spring 2006 Meeting Registration Form

NAME \_\_\_\_\_  
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 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP+4 \_\_\_\_\_  
 PHONE \_\_\_\_\_ E-MAIL \_\_\_\_\_



**Pre-registration fees: Registration must be received by February 24<sup>th</sup>, 2006**

Member -- 2-day, per person \$17.00 \_\_\_\_\_  
 Or Member - 1 day, per person \$12.00 \_\_\_\_\_

(This rate is for husband-wife, parent-child, boyfriend-girlfriend, etc.)

Member Family— 2 day \$25.00 \_\_\_\_\_  
 Or Member family— 1 day \$20.00 \_\_\_\_\_

For name tag fill in names \_\_\_\_\_, \_\_\_\_\_

Non-member - 2-day, per person \$24.00 \_\_\_\_\_  
 Or Non-member - 1 day, per person \$15.00 \_\_\_\_\_

**Registrations made after February 24<sup>th</sup>:** (No family discount on late registrations)

Member -- 2-day, per person \$21.00 \_\_\_\_\_  
 Or Member - 1 day, per person \$16.00 \_\_\_\_\_

Non-member - 2-day, per person \$28.00 \_\_\_\_\_  
 Or Non-member - 1 day, per person \$20.00 \_\_\_\_\_

**Friday Night Banquet & Entertainment: Honey-orange chicken, rice, salad, vegetable, dessert**

Adult - \$20.00/person (\$20.00 x \_\_\_\_\_) = \_\_\_\_\_  
 Child - \$10.00/person ages 4 and older (\$10.00 x \_\_\_\_\_) = \_\_\_\_\_  
 This is Lent if you prefer fish tell us how many \_\_\_\_\_

**Saturday, Deli Plate Lunch**

Adult - \$15.00/person (\$15.00 x \_\_\_\_\_) = \_\_\_\_\_  
 Child - \$7.50/person ages 4 and older (\$ 7.50 x \_\_\_\_\_) = \_\_\_\_\_

**Donation \$ \_\_\_\_\_**

**Total \$ \_\_\_\_\_**

**Please make checks payable to: Kansas' Honey Producers Assn or KHPA. Send to Robert Burns, 7601 w 54<sup>TH</sup> Terr. Overland Park, KS 66202 913-831-6096 email rburns@kc.rr.com (Registration will not be accepted by email) *If you pre-register and then can not attend, your registration fee will be considered a donation and no refunds will be made. If you pay for meals and we are able to sell them you will be reimbursed for those.***





## The Empty Super ... Diary of a Hopeful Hobbyist

by Eugene Makovec

### Where there's smoke ...

I was wrapping up a routine hive inspection when I heard a dog barking. I had the feeling it had been barking for some time and the sound had finally elbowed its way into my consciousness, not unlike the phone at 3:00 a.m.

The owner of the property had two beautiful yellow Labradors, neither of which had ever let out the slightest whimper in my dozen or so visits to this location. Today there had been only one (I later learned that his brother had died), and when I looked up he was barking at a man at the opposite end of the yard.

This location could not be referred to as a "bee yard" in the sense that commercial beekeepers think of them. It was in fact, just a yard -- a backyard, to be precise, and a small one at that.

I had come upon this location much the way I usually do -- through a gift of honey and casual conversation. We'd finally replaced the old galvanized pipes in our basement, and when the plumber had finished I'd offered him a small bottle of honey for a job well done. (Unfortunately, he insisted I also write him a check.) Well, we got to talking about bees, and he asked if I could put a hive in his yard to pollinate his fruit trees. There was really nothing in it for me, but I'm always on the lookout for alternate locations -- just in case my primary bee yard changes hands and the new owners are not thrilled about playing landlord to a few hundred thousand stinging insects.

As always, I began by asking him if he was on good terms with his neighbors. "You'll want to make sure you discuss this with them first", I advised, in order to head off any difficulties down the road. No problem, he said.

So I'd put down a hive in early Spring and populated it with a four-frame nucleus. It was along his back fence, on a mulched area between two small pine trees and screened from the neighbor behind by a dense row of shrubs.

Unfortunately, the nucleus had not performed well. They'd gone queenless in May, and it had taken two attempts to requeen them. So now, in mid-July, the hive still consisted of just two hive bodies and an overly optimistic super.

And here I was, about to close up this sorry hive, when I heard the dog barking. Turning toward the sound, I saw a man in a white dress shirt and black pants at the front edge of the yard, about 20 yards from me. Held at bay by the rather large dog (or perhaps by my appearance in what could, at that distance, have passed for a haz-mat suit), he motioned for me to come over.

After taking a few seconds to replace the super and lid, I picked up my smoker and headed toward him. On the way, I removed my helmet and veil and put a cork (actually a thick twig with a knob at one end) in the smoker -- it being one of those rare occa-

sions when it hadn't gone out on its own.

"Hello," he said as I approached. I nodded in reply. "We got a report about a funny smell, like smoke." At that point I noticed that his white shirt was actually a uniform shirt, with the words "Kirkwood Fire Department" stitched on the pocket.

"That would be my smoker," I replied sheepishly. I then explained briefly who I was and what I was doing.

"No problem," he said. "But you may want to explain about the bees to the lady next door," he said with a grin.

"Thanks," I said, and headed for my car. As I backed out of the driveway, I saw it -- one of Kirkwood's finest fire trucks, parked in front of the neighbor's house with all the lights flashing. "Oh, man," I thought. "Thank God they didn't use the siren!"

The next morning I called my plumber. "You may want to explain about the bees to the lady next door," I began.

*As I backed out of the driveway, I saw it -- one of Kirkwood's finest fire trucks, parked in front of the neighbor's house with all the lights flashing.*

### Local Club Meeting Information

Jefferson County Beekeeper's Association  
2<sup>nd</sup> Tuesday of each month, 7:30 p.m., Jefferson County Extension Center, Hwy B & 21, Hillsboro  
Contact Scott Moser (636) 285-7295

Midwestern Beekeeper's Association  
Third Wednesday of each month 7:00 p.m.  
YMCA, 10301 E. 350 Hwy, Raytown  
Contact President Bob Justice, 816-358-3893

Eastern Missouri Beekeeper's Association  
1<sup>st</sup> Thursday of each month at 7:30 p.m., Kirkwood Community Center, 111 Geyer Rd, Kirkwood  
Contact President Steve Harris, 636-946-5520

Beekeeper's Association of the Ozarks  
4<sup>th</sup> Tuesday of each month, 7:00 p.m.  
The Library Center, 4653 S. Campbell, Springfield  
www.ozarkbees.org

South Central Missouri Beekeepers Association  
Contact President May Schmitt  
417-256-9447

Missouri Valley Beekeepers Association  
3<sup>rd</sup> Monday of each month, 7:00 p.m.  
Scenic Regional Library, Union  
**Beginner's class March 25** (Union Middle School)  
Contact Rodney Angell 573-764-2922  
Or bee143@fidnet.com

Is your club listed? Contact Eugene at  
editor@mostatebeekeepersassociation.org

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## Missouri State Beekeepers Association Membership Application

Name \_\_\_\_\_

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Email Address \_\_\_\_\_

Does your local club forward dues to the State Association? If so, please pay through your local association.

State Association Dues (Check only one box)

Adult Membership	\$10.00	<input type="checkbox"/>	_____
Family Membership	\$15.00	<input type="checkbox"/>	_____
Student Membership	\$5.00	<input type="checkbox"/>	_____

Magazine Subscriptions (Check as many boxes as apply)

American Bee Journal	1 year \$18.00	<input type="checkbox"/>	_____
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The Speedy Bee	1 year \$13.60	<input type="checkbox"/>	_____
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**TOTAL:** \_\_\_\_\_

Make check payable to:  
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## Honey Queen Report

Sarah Jackson

Hello, Beekeepers!

I'm really excited to be writing my first newsletter report as your 2006 Missouri Honey Queen. First of all, let me just say that I would like to say a big THANK YOU! for the warm welcome I received at your fall meeting over Halloween weekend. My family and I greatly enjoyed ourselves and I had a wonderful time getting acquainted with all of you. I'm looking forward to serving Missouri's beekeepers and promoting honey throughout my reign in any way I can.

For those of you who didn't get to meet me at the fall meeting, let me tell you a little about myself. My name is Sarah Jackson, and I'm from New Cambria, Missouri, a tiny town in the north central part of the state. I have two younger sisters at home, and am a freshman at the University of Missouri-Columbia. I'm majoring in Agricultural Journalism, and am very active on campus. I've thoroughly enjoyed my first semester of college life, and am excitedly anticipating the remainder of my college career. In my spare time, I enjoy showing cattle, reading, dancing, and traveling. My great-uncle was a beekeeper and he always regaled my sisters and I with adventures of his little charges. As a child, I was fascinated; perhaps this is where my interest in agriculture was rooted. Today, agriculture is definitely where my heart and passion lie, and that definitely includes the work of Missouri's beekeepers.

As this year's Honey Queen, I fully intend to take advantage of this opportunity God has blessed me with. Please let me know about all your meetings, activities, and special events. I'm also very happy and willing to travel to schools in your area to speak to little ones about the amazing process of making honey! Any fairs, festivals, or any other happenings where honey is being promoted, I would love to participate in. Please let May Schmitt, Honey Queen Director, know about these events so she can relay them to me. Her address is on the association website.

Once again, I am anticipating a fun-filled, educational year, and I can't wait to get started representing you and advocating the use of honey and other products of the hive.

God Bless,  
Sarah



## Directory of Officers

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State Entomologist: Mike Brown  
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Assist. Prof. Entomology/Extension Spec.: Dr. Richard Houseman  
1-87 Agricultural Building, University of Missouri-Columbia, Columbia, MO 65211

Missouri State Beekeepers Association  
P.O. Box 448 Oak Grove, MO 64075  
[www.mostatebeekeepersassociation.org](http://www.mostatebeekeepersassociation.org)



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Here are the benefits of an email newsletter:

- **Cost Savings:** MSBA currently spends about \$2000 annually printing and mailing newsletters to over 200 members. Reducing that quantity will help to offset postage increases and keep funds available for things like meeting rooms, speakers' fees and state fair activities.
- **Quality:** The electronic version of this newsletter contains color photographs and graphics, as well as hyperlinks to any website addresses contained herein. (A hyperlink means when you click on the address, it automatically takes you there.) The printed version may not contain all the photos, and those that appear have been printed in black-and-white to save on ink costs.

*Okay, I'm convinced. Where do I sign up?*

- First, send an email to [editor@mostatebeekeepersassociation.org](mailto:editor@mostatebeekeepersassociation.org) with "email newsletter" in the subject line. I'll reply with a confirmation, and I'll add you to my list.
- Download Acrobat Reader. The newsletter is sent as a pdf (portable document format), created by a program called Adobe Acrobat. To open it, you'll need Acrobat Reader, which is FREE. Just go to [www.adobe.com](http://www.adobe.com) and click on the left side of the screen where it says "Get Adobe Reader". You will then download an installation file that you'll use to install Reader. (Acrobat Reader also comes in handy for lots of things you find on the internet.)

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The Editor