

# Washington State Beekeepers Association



*Keep the "Bee" in Business*

Publication of Washington State Beekeepers Association

www.wasba.org

January 2006

## President's Message

It has been a busy time for everyone since the Fall convention. The commercial operators have their bees in California and most are heading down the first week of Jan. to feed and check them out. They all want good weather so they don't get their trucks stuck in the mud! The rest of us are enjoying the holidays and we are starting to think about the coming year. I know many of our small beekeepers are looking to expand, figure on raising their own queens, or some are just plain not thinking about bees. Those folks really might be the sane ones. I know we spent the Christmas time off building nuc boxes to allow us to raise queens this year. With it looking like we need to requeen every year, buying them all that often becomes expensive.

Our next board meeting is February 18 at the Bar 14 Ranch House in Ellensburg. Meeting will be from 10 till 2pm. Remember the first hour will be committee meetings. The Master Beekeepers will be meeting and there will be several others going on. We will be working on the activities calendar for the rest of the year. One item you can put on your calendar now is the convention for this new year will be in Bellingham Oct 12-14<sup>th</sup>. The convention is being sponsored by the Mt. Baker Beekeepers Association. They also had new elections and Co-Presidents for 06 will be Paul Spinelli and Stan Hanson. Welcome aboard. Pete Sallee is looking for suggestions

## Washington State Updates

### Program Calendar for the Association.

#### FEBRUARY 18, 2006:

WSBA Executive Board Meeting  
**Bar 14 Ranch House Restaurant**  
1800 South Canyon Road, Ellensburg, WA  
10 AM to 2PM

FIELD DAYS 2006: TBA

It's a new year and time for membership renewal. In the next newsletter, you will find the 2006 application for membership. It's also on the web site!

for the program at the convention. Please let Pete or your area rep know so they can bring it to the meeting. You can contact Pete at cathyb2@earthlink.net , PSallee@cob.org, or call him at 360-733-2978. We will be inviting speaker's right after the executive meeting. I want to thank the MBBA for taking on the convention.

Looks like this is going to be an interesting year in California; the game of who can hold out for the best price seems to be in play. Depending on who you talk to and who they're with drives the slant on what you hear. There are reports of some serious losses, but nothing like we heard last year. There have been some bee losses due to flooding and I have heard reports of many hives being moved to avoid flooding.

One of the items we need to get addressed and put to bed is the handling of registration money. Eric and I are committed to finishing that this year and give folks a reason to pay their registration money. We will be taking a close look at our education and training this year with master beekeepers and our field days. Any input is greatly welcome. Enough rambling by me, I and the WSBA wish all of you a better year than last and happy beekeeping.

Jerry Tate



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# Executive Board Meeting Agenda

Executive Board Meeting  
2/18/06

## Reports:

- The Secretary's Report-minutes in last newsletter
- The Treasurer's Report-
- Membership Report
  - Individual Membership
  - Association Membership
- Thurber Scholarship Committee Report
- Master Beekeepers Certification Committee Report
- WSBA Newsletter
- Area Reps

## Old Business:

- Mt Baker Beekeepers Convention report
- Report on Field days
- Field day reports

## New Business:

- Web site status
- WSU Status on Grants and Students
- Proposal for new field days
- Discussion on registration fees
- Proposal for review of grants
- Application forms
- Apiary Advisory board
- Future of queen program at WSU, additional funding-Steve Sheppard

## Classified Ads

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## Research

### Journal of Economic Entomology

2005, vol. 98, no. 6, pp. 1802 - 1809

Effect of Concentration and Exposure Time on Treatment Efficacy Against Varroa Mites (Acari: Varroidae) During Indoor Winter Fumigation of Honey Bees (Hymenoptera: Apidae) with Formic Acid

Robyn M. Underwood; Robert W. Currie

### Abstract

The combination of the concentration of formic acid and the duration of fumigation (CT product) during indoor treatments of honey bee, *Apis mellifera* L., colonies to control the varroa mite, *Varroa destructor* Anderson & Trueman, determines the efficacy of the treatment. Because high concentrations can cause queen mortality, we hypothesized that a high CT product given as a low concentration over a long exposure time rather than as a high concentration over a short exposure time would allow effective control of varroa mites without the detrimental effects on queens. The objective of this study was to assess different combinations of formic acid concentration and exposure time with similar CT products in controlling varroa mites while minimizing the effect on worker and queen honey bees. Treated colonies were exposed to a low, medium, or high concentration of formic acid until a mean CT product of 471 ppm\*d in room air was realized. The treatments consisted of a long-term low concentration of 19 ppm for 27 d, a medium-term medium concentration of 42 ppm for 10 d, a short-term high concentration of 53 ppm for 9 d, and an untreated control. Both short-term high-concentration and medium-term medium-concentration fumigation with formic acid killed varroa mites, with averages of 93 and 83% mortality, respectively, but both treatments also were associated with an increase in mortality of worker bees, queen bees, or both. Long-term low-concentration fumigation had lower efficacy (60% varroa mite mortality), but it did not increase worker or queen bee mortality. This trend differed slightly in colonies from two different beekeepers. Varroa mite mean abundance was significantly decreased in all three acid treatments relative to the control. Daily worker mortality was significantly increased by the short-term high concentration treatment, which was reflected by a decrease in the size of the worker population, but not an increase in colony mortality. Queen mortality was significantly greater under the medium-term medium concentration and the short-term high concentration treatments than in controls.



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## Master Beekeeper News

We are off to a good start in 2006 with the finalization of the updated Journeyman's exam. The exam is now available to all Master beekeeper programs for their educational testing.

With the new web site being developed the Master Beekeeper program will have a web site presence. You will have contact information, overviews of our programs and resources for your use. Look for the updated web site later this year.

Paul Lundy

406-883-2918  
1-800-548-8440  
FAX 406-883-4336  
[www.westernbee.com](http://www.westernbee.com)

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Dick Molenda  
President/General Manager

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Check out the draft version of the newly updated web site at:

<http://www.janebedinger.com/wasba/index.htm>

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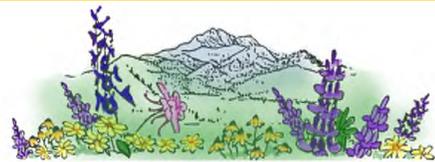
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Classified ads are \$5 per insertion, for a maximum of 30 words. (FREE for WSBA Members).

To place an ad, please mail your ad, with payment, made out to:

Washington State Beekeepers Association  
 c/o Newsletter Editor  
 P.O. Box 1331  
 Kingston, WA 98346-9301  
 Fax: (425) 527-4251

Please CLEARLY PRINT your ad. Don't forget to include your contact information (phone, fax, e-mail).

Your ad will run in the next printing of the Newsletter when received by the 15<sup>th</sup> of the month prior to publication. **The ad will run for two (2) newsletters.** (You may email your submission to [editor@wasba.org](mailto:editor@wasba.org) and mail your payment to the P.O. Box.)

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## It's that time again!

If you would like to have advertising in the newsletter; email, mail or call the newsletter editor. Here is the contact information:

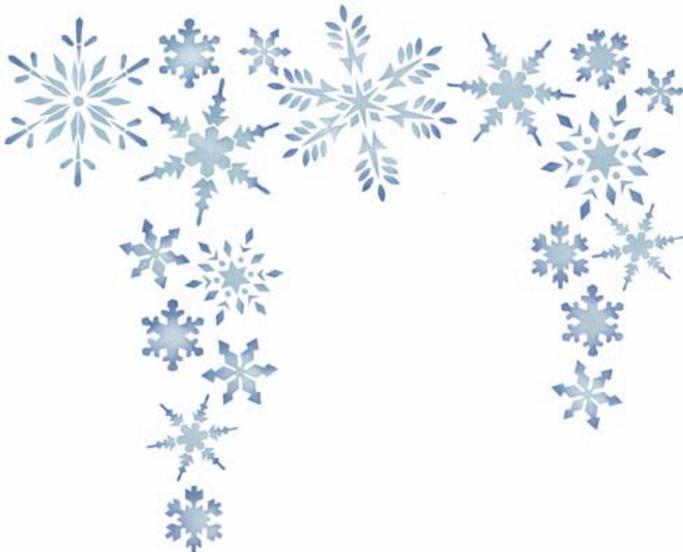
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P.O. Box 1331  
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### Advertising rates for 2006:

Business card size	\$ 25.00
Quarter page	\$ 35.00
Half page	\$ 50.00
Full page	\$250.00

Same price 3 years running!

If you currently advertise in the newsletter, you will receive in the mail an invoice for your current advertising size. Thank you in advance for your advertising support of Washington State Beekeepers Association.



## WSBA Officers & Exec. Committee

### President:

Jerry Tate, E. 8900 Maringo Dr, Spokane, WA 98212  
509-924-6669, President@wasba.org

### Vice President:

Eric Olson, 93 Camfield Rd., Yakima, WA 98908  
509-966-2867

### Secretary:

Linda Carney, 4511 S. Freya, Spokane, WA 99223  
509-448-0417, Secretary@wasba.org

### Treasurer:

Lisa Knox, P.O. Box 1331, Kingston, WA 98346  
360-297-6743, Treasurer@wasba.org

### Area #1 Representative:

Tim Bueler (2007), 7914 69<sup>th</sup> Ave. SE, Snohomish, WA  
98290, 425-334-9684, Area1@wasba.org

### Area #1b Representative:

Van Sherod (2007), 2429 2nd Ave. W, Seattle, WA 98119  
206-284-1520

### Area #2 Representative:

Robert Smith (2008), 15525 Castle SE, Yelm, WA 98597  
360-894-2159, Area2@wasba.org

### Area #3 Upper Valley Representative:

James Bach, 21 N. 1st Ave. Suite 236, Yakima, WA 98902  
Area3upper@wasba.org

### Area #3 Lower Valley Representative:

Arlene Massey (2006), 2781 Hornby Rd, Grandview, WA  
98930, 509-882-4601

### Area #4 Representative:

Miriam Bishop (2006), 14 Shangri Lane, Twisp, WA 98856  
509-997-9699, Area4@wasba.org

### Area #5 Representative:

John Pettigrew (2007), 2616 N. Rd. 60, Pasco, WA 99301  
509-545-1501, Area5@wasba.org

### Area #6 Representative:

Robert Arnold (2007), 42615 N. Division Rd., Deer Park,  
WA 98006, 509-276-2399, Area6@wasba.org

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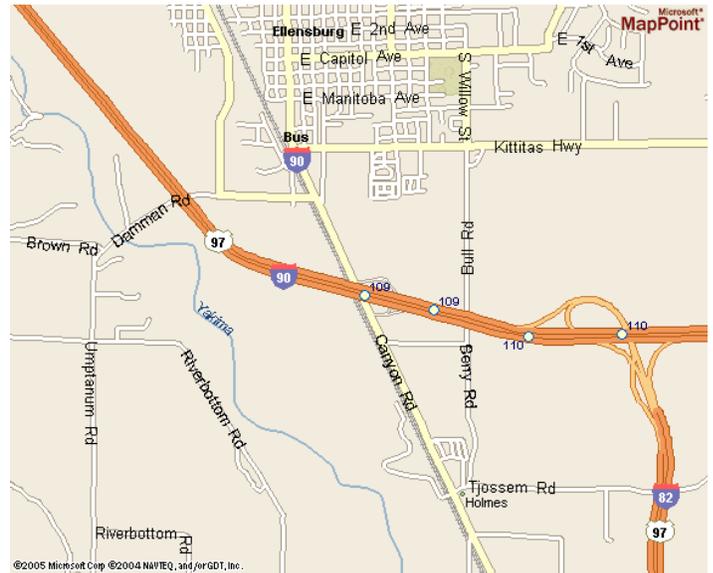
FEBRUARY 18, 2006

The next WSBA Executive Board Meeting will be held at the:

Bar 14 Ranch House Restaurant  
1800 South Canyon Road, Ellensburg, WA  
Phone: 509-962-6222

10 AM to 2PM

Everyone is welcome.



Committees meet from 10 AM to 11 AM.

Committee topics include:  
Field days for 2006  
Convention 2006 plans

Master Beekeeper Certification topics include:  
Correspondence certification program  
Website update  
Replacement committee member  
Certificates & Journeyman test

**Directions from Seattle via I-90:**

At exit 109, turn RIGHT onto Ramp towards Canyon Road / Ellensburg. At the intersection of the ramp and Canyon Rd, turn RIGHT (North) onto Canyon Rd, go under the overpass and the restaurant is on the right.

**Directions from Spokane via I-90:**

At exit 109, turn off onto Ramp towards Canyon Rd. / Ellensburg. Turn RIGHT (North) onto Canyon Rd. The restaurant is on the right.

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