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Bio-control Matters

President's Corner:

By Richard Ward, President, ANBP

I am composing this report from a hospital bed in Leuven Belgium. I am here for one week undergoing Bumblebee desensitization treatment. It involves multiple injections of bumble bee venom over a four or five day period. You will be relieved to know that this will be a short report as my arms are quite sore having undergone about fifteen injections so far today. I also have very limited access to a computer with internet access.

I am pleased to report that all is going meeting for October. I was in Guadalajara providing the bus transportation as well like to take this opportunity to thank organizational process etc, their help encourage delegates to bring their side of the conference. Angie reports place nicely and that we should have



The movement of beneficial organisms a challenge and it is hoped that many of some solutions will be realized at our NAPPO continues to work on developmental organisms within the NAPPO group of countries which we hope can then be used as a guide for the preparation for international movement guidelines. Brian Spencer will inform us of the progress in his report.

well on the planning of the Guadalajara in July and met with the companies as the interpreters and the hotel. I would Distribuciones IMEX for all their help in the has been invaluable. I would also like to spouses as there should be lots to do out-that the speaker program is falling into interesting and informative sessions.

from one country to another continues to be suggestions, ideas and hopefully the start conference this year. In the meantime, ing guidelines for the movement of beneficial organisms

ANBP is also trying to get clarification on the new policies to be introduced by the USDA with regards to a sliding scale for fees when registering a new beneficial organism either for commercial release or for research. At first report, it appears as though these fees could be quite high, possibly discouraging the development and introduction of new beneficials. I do not need to emphasize that this would be a step backwards for our industry.

Please remember to register as soon as possible for the conference as there is limited space available.

Thank you all for your support of ANBP and I hope to see many of you in Guadalajara.

Richard Ward

ANBP's Mission is to address key issues of the biological control industry through advocacy, education, and quality assurance.

ANBP Board:

- Richard Ward, President (Biobest Canada Ltd)
- Kimberly Gallagher, Vice President (Sterling Insectary)
 - Eda Reinot, Secretary (Becker Underwood)
 - Dan Cahn Treasurer (Syngenta Bio-line, Inc.)
 - Jake Blehm (Buena Biosystems)
 - Andrea Davenport (Koppert Canada Ltd.)
 - Carol Glenister (IPM Laboratories)
 - Angela Hale (Bug Factory)
- Brian Spencer (Applied Bio-nomics Ltd)

Contributing Members:

ANBP is pleased to recognize the following members for their interest in biocontrol and their generous support of ANBP's programs and goals.

- **California Avocado Commission**
 - Donald L. Flaherty
- **The Morning Star Packing Company**

Call for Nominations:

At the October 15, 2005 Annual General Meeting at Conference 2005, three people will be elected to three-year terms as members of the Board of Directors.

All Producer Members and Distributor Members are eligible to stand for election.

Any member may nominate someone who is a Producer or Distributor member.

Please e-mail your nomination to Nominations Chair Angela Hale at ahale@thebugfactory.ca

“Bio-Control Matters” is published by the Association of Natural Bio-control Producers four times per year to provide members with information, thought and opinion on biological control affairs. ***Bio-Control Matters*** advocates the interests of commercial biological control and the public interest of quality agricultural production and environmental protection. ***Bio-Control Matters*** welcomes contributions of comment and opinion, as well as articles of general interest. All contributions must be signed by the contributor. Send contributions for consideration to Maclay Burt, ANBP Executive Director, 2230 Martin Drive, Tustin Ranch CA 92782. Phone/fax (714) 544-8295. (E-mail execdir@anbp.org). Published contributions may not necessarily reflect the views or policy of ANBP.

ANBP was formed in 1990 by commercial insectaries to provide a united voice in regulatory issues facing the industry. ANBP is also dedicated to quality standards and educating the agricultural and academic communities about the importance of biological pest controls for pest management. ANBP membership exceeds 100, including 46 producers and/or suppliers. Through its efforts, ANBP is recognized as ***THE*** spokesman for the commercial biological control industry.

Regulatory Report:

(By Dan Cahn, Chair, Regulatory Committee)

As mentioned in our last issue, ANBP is hoping to free biological controls being imported into the US, from the dreaded PPQ 526 permit process. The "pest permit" has always been a contentious issue for ANBP - never really appropriate for beneficial insects. ANBP has wrestled with an inconsistent and at times arbitrary process that never seemed to understand the unique nature of commercial products.

Through the North American Plant Protection Organization (NAPPO) we are hoping to see Canada, United States and Mexico agree on a protocol that will categorize beneficial insects as a low risk commodity that can be regulated through phytosanitary certificates issued by the exporting country.

A draft protocol has been written and circulated for discussion at the next NAPPO meeting in October. For more information about NAPPO see www.NAPPO.org.

A remaining problem with APHIS is their intention to begin charging user fees for issuing PPQ 526 permits. We have not seen a fee schedule (if it exists) but Bob Flanders of USDA PPQ has stated that fees could be as high as \$1000 for new permits. This will be a serious damper on biological control experimentation and innovation. For example, there are currently several new biological control products that have been brought to market in Europe this year. There is a serious disincentive if a business in the US must pay \$1000 to import the first sample for trials. These huge fees are clearly at odds with the one of the goals of USDA to encourage and expedite biological control.

Even assuming the success of the NAPPO agreement to remove us from the old permit process, new biological control products will still be required to have PPQ 526 permits, perhaps for as long as five years.

ANBP has asked our Washington representative, Bob Gray, to investigate the status of the user fee proposal and give us options for contesting implementation.

The regulatory committee wishes a speedy recovery to our attorney, Aleen Rothschild-Sidel who underwent surgery last month.

News from Canada:

Applied Bio-nomics' Brian Spencer reports

I haven't had a chance to talk much with the other distributors and producers, but we have had a disappointing year. Cold weather in the early months and now very hot weather does not help a fragile balance in the greenhouses. There are numerous requests for minor use of non registered pesticide this year also. The trend is of great concern to our industry.

I am also concerned that we have not made any progress on the new NAPPO standard that I was the author of. It is still awaiting first reading and translating. I have not been able to find out where it is stuck.

In the good news category; Aphidoletes was introduced in Blueberries in B.C. with clear establishment, another agricultural crop that may join our fold. The fire's gone out in my wood stove, so I'm off. See you in Mexico.

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ANBP 2005 Conference and Annual General Meeting 'Beneficials Without Borders' October 14-15, Guadalajara, Mexico

By Angela Hale, Program Chair

Do you realize that our 2005 Conference/AGM is less than 2 months away? You don't want to miss this one! This is our first meeting in Mexico and our first all-inclusive and bilingual conference. Make your travel arrangements early and register asap so we can reserve your room. The conference announcement and registration form are enclosed in this newsletter and are available on-line at www.anbp.org. The annual meeting is a great opportunity to meet the board of directors, express your concerns, make suggestions and network with other industry people, key government employees and academics.

The theme of this year's conference is '**Beneficials Without Borders**' and a key session will focus on trade issues in continental North America, and it's three NAPPO member countries, Canada, United States and Mexico. The conference is preceded by the ANBP board meeting / ASTM quality standard workshop on Thursday, October 13 followed by a welcome reception Thursday evening. The main conference will take place on Friday, October 14 and Saturday, October 15, with a tour and festive dinner on Friday evening. The program times will be adjusted this year to reflect Latin American culture with later meal times, and perhaps a little siesta in the afternoon.

Speakers this year include researchers, regulators and industry representatives from USA, Canada, Mexico and Europe. Highlights of the program include a presentation by Dr. Jan Nyrop (Chair of Entomology at Cornell University) and a full session of speakers from important regulatory agencies followed by a panel discussion. Representatives from the North American Plant Protection Organization (NAPPO), Canadian Food Inspection Agency (CFIA), and Animal and Plant Health Inspection Agency-Plant Protection and Quarantine (APHIS- PPQ) have confirmed attendance.

There is still limited space available in the program, so if you would like to give a presentation or wish to suggest a speaker, please contact Angela Hale, Program Chair, at ahale@thebugfactory.ca.

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2005 ANBP CONFERENCE AND ANNUAL GENERAL MEETING

“Beneficials Without Borders”

October 14-15, 2005, Guadalajara, MEXICO

Hotel El Tapatio

ANBP is offering a fantastic all-istration fee will include three nights 2005, at host hotel, all program session on Thursday evening, excursion, will reserve your room at Hotel El available, so register early.



inclusive package this year. Conference reg- accommodation on October 13,14 and 15, sions, all meals, all breaks, welcome recep- banquet and entertainment on Friday. ANBP Tapatio when you register. Limited space is

Registration: www.anbp.org or contact Maclay Burt, ANBP Executive Director at execdir@anbp.org or phone/fax 714 544 8295

Conference Chair: Richard Ward rward@biobest.ca

Call for papers: If you are interested in presenting a paper or poster, contact Program Chair, Angela Hale ahale@thebugfactory.ca

Welcome Reception on Thursday evening, October 13, 2005

Friday, October 14, 2005

Morning Session: “ Applied Research: Field Studies which Support Augmentative Biological Control Practices”

Afternoon Session: “ Selected Presentations on Marketing and Transfer of Technology from Research to Practical Application”

Excursion by bus from hotel for tour of local sights in Guadalajara, followed by festive banquet and entertainment with mariachi band

Saturday, October 15, 2005

Morning session: “Regulated Movement of Biological Control Organisms Between, Canada, United States, and Mexico: Which Procedures Make Sense for Commercial Goods?”

Presentations followed by panel discussion with representatives of regulatory agencies.

Annual General Meeting of ANBP

Presentation of Award of Excellence

Afternoon Session: “Quality Assurance : Global Needs....Local Solutions”

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Association of Natural Bio-control Producers

Conference 2005 Registration Form

All-inclusive Registration Fee: \$550 USD

Late Registration (after September 30): \$625 USD

Registration fee includes conference fee, hotel accommodations (October 13-14-15) ,
all meals, reception, all breaks, tour and banquet/entertainment

(Please Note: ANBP Will Reserve Your Room Accommodation)

Name: _____
Organization: _____
Address: _____
City: _____
State: _____
Zip: _____
Country: _____
Email: _____
Phone: _____

NOTICE: Due to new US Homeland Security regulations, US and Canadian citizens are strongly advised to have their PASSPORTS to enter Mexico and to return to their home.

Hotel Room Required: Single _____ *If you plan to arrive earlier or depart later, contact*
(October 13-14-15) Double _____ *ANBP to make the room reservations for you.*

Will a spouse accompany you? Yes _____
No _____

Full Registration \$550 USD _____

(\$625 after September 30)

Spouse (Room, meals, tour) \$350 USD _____

Student \$350 USD _____

Daily rate (Conference only: \$150 USD _____

Does not include accommodation)

Please indicate which day. Day: _____

Total Amount enclosed USD _____ Check _____ Credit Card _____

Credit Card information: VISA _____ Master Card _____

Name on Card _____

Card Number _____

Expires _____

Please note: Charges will appear as IPM Laboratories, who processes credit cards for ANBP

**Mail or fax to:
ANBP Conference 2005
C/O Maclay Burt, Executive Director
2230 Martin Drive, Tustin, CA 92782
Phone/Fax: (714) 544-8295**

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ANBP Announces Annual Student Award

By Angela Hale, Chair, Research Fund Committee

Commencing at our 2005 Conference and Annual General Meeting in Guadalajara, Mexico, ANBP will be awarding \$500USD for the best student paper on research relevant to augmentative biological control. This award will be presented annually at the AGM and/or at other related meetings as judged by a panel of producer members.

This award came about as an attempt to encourage communication with academia and support applied research that has tangible benefits to the commercial biocontrol industry. ANBP members have all-consuming businesses and often lack both the time and knowledge to think up research projects or indeed even to respond to surveys on such topics. Three years ago, a resolution was made to establish a research fund, maintained by donations and a portion of proceeds from the annual conference.

The size of the fund is not significant in terms of funding actual research projects, but is sufficient to offer awards to student papers. The existence of the annual student award will give ANBP an identity in the research community and raise awareness of research supporting the growth of augmentative biological control.

ANBP Website Update

(Website Chair Kim Gallagher reports)

The Board of Directors expresses our grateful thanks to our founding webmaster, Glenn Scriven. His dedication and volunteer service to ANBP is really appreciated!

He has asked that he step down from this responsibility. Here is the current website plan: Willis Design will host and be the webmaster for the ANBP website. The website will get a new "look and feel" with improvements to functionality and navigation. A new feature of the site will be on-line registration for upcoming conferences and new membership registration. The website will be updated monthly.

Member Profile

(An occasional article of general interest to ANMBP members)

Dr. Viet Tuan Bui is ANBP's FIRST Associate member from Vietnam! He is an entomologist at the Institute of Ecology and Biological Resources in Hanoi. His email is btviet@iebr.vast.ac.vn. Currently, he is Head of Department of Mass Rearing Insect Technology. He has worked extensively in Vietnam and has also trained in Malaysia, Russia and at London University. His extensive publications began in 1982 and continue to the present.

Welcome Dr. Bui!

Fall 2005 ASTM E35.30 Meeting to be held in Guadalajara, MexicoThe fall ASTM subcommittee E35.30 will be at the Hotel El Tapatio in Guadalajara, Mexico from 1 to 5 PM, October 13, 2005. (Telephone (33) 3837 29 29). This is the afternoon prior to the ANBP annual conference.

ASTM will have two venues in Guadalajara: first we will work on current projects at the ASTM meeting. Species discussed will include test methods with *Encarsia*, *Eretmocerus*, *Persimilis*, Fly Parasites, and the key issue of simple user tests vs. test methods used by experts to produce data that will be published as definitive assessments of product quality. Next at the ANBP conference., Carol Glenister, Anna Luczynski and Jan Nyrop will summarize past accomplishments

A special guest at both the ASTM meeting and the ANBP conference will be Guy Boivin from Agriculture Canada, a researcher that is studying parasitoid learning as influenced by environment. His observations are that female handling time falls dramatically as the females gain experience, but this can be disrupted by environment.

Report on the Spring 2005 ASTM E35.30 Meeting in Oxnard

The spring 2005 meeting presentations and discussion topics ranged from fitness to statistical analysis to international movement of our products. On fitness, Anna Luczynski presented *Encarsia* flight test results, noting that the flight test data had very low variability and if the product passed the flight test, then it was very unlikely to fail the numerical test.

Jan Nyrop summarized the statistical analysis of our *Cryptolaemus* counts in Colorado in fall 2004 and interpreted the fitness data that has been developed by Anna Luczynski and Ian Shi on *Encarsia*, *Eretmocerus* and *Phytoseiulus persimilis*. The Crypts were volumetrically measured units of 100 Crypt beetles packaged by The Bug Factory. He found that the Crypt counts were normally distributed with a mean of 125 and a 5% error rate. For the *Persimilis* data, it appears that the primarily female product is often quite old and not very fecund. Anna challenged producers to find a way to produce more fecund product.

Joe Vorgetts of USDA APHIS presented the current practices of regulating international movement of new, non-indigenous organisms for commercial biological control followed by an overview of the NAPPO (North American Plant Protection Organization) Biological Control Working Group. The review of new weed biological control agents (which are not likely to be commercial product) is the only well-established procedure in place and that is within the jurisdiction of APHIS. Actually, APHIS does not have authority over natural enemies that are not plant pests other than to declare that they are not plant pests.

A visioning session on the ideal mechanisms for international border crossings of biological control agents followed.

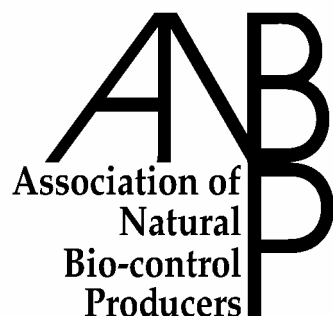
What do we want?

- International shipments movement
- Periodic:
 - species verification
 - purity verification
- Within one day border crossing
- ASTM document written by governed with government input
- Reviewed and voted every 5 years
- Permits that can be processed by DHS
- Gets across the border within a day (inspection at point of entry, no bonded carrier)
- Definition of the commercial biocontrol agent
- Reviewed government document (5 year review period)
- Periodic visitations to production facilities to confirm the production on site
- Lists of precedented organisms by country
- We need to have a clear set of rules
- Methods that work
- One day turn around on import permit for commercially precedented organisms
- Assure the regulating agency of compliance /purity/safety/non-pest status
- Recognition by regulators of low risk potential (standardized document, showing level of risk.) (Keep records of % infractions (sample for contaminants)
- A separate set of guidelines for international movement of commercial goods.

Upcoming Meetings, Workshops and Events

(Revised August 28, 2005)

Date	Title	Location	Contact info
Sept 12-16, 2005	2 nd Int'l Symposium on Biological Control of Arthropods	Davos, Switzerland	www.cabi-bioscience.ch
Sept 13-14, 2005	CanWest Hort Show	Vancouver, BC Canada	www.canwesthortshow.com
Sept 27-30, 2005	IOBC Working Group: "Pesticides and Beneficial Organisms"	Debe, POLAND	www.iobc.org
Oct 5-6, 2005	Canadian Greenhouse Conference	Toronto, ONT Canada	www.canadiangreenhouseconference.com
Oct 14-15, 2005	2005 ANBP Conference and AGM: " <i>Beneficials Without Borders</i> "	Guadalajara, MEXICO	www.anbp.org
Oct 17-21, 2005	NAPPO Annual Meeting	Puerto Vallarta, MEXICO	mpuente@senasica.sagarpa.gob.mx
Nov 2-5, 2005	International Horti-Fair 2005 (NTV)	Amsterdam, NL	www.horti-fair.nl
Nov 6-9, 2005	ESA 2005: Sex, Bugs and Rock and Roll	Ft. Lauderdale, FL	www.entsoc.org



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