

Biological Control of Greenhouse Diseases

A 1-day workshop for growers
of vegetables and ornamentals

Organised by

CropHealth Advising & Research
Rural P.O. Box 28098
Kelowna, B.C. VIW 4A6

phone (250) 717-1898 fax (250) 717-1898
website www.crophealth.com

PROGRAM

Saturday April 19, 2008

Ramada Lodge Conference Center, Kelowna

Highway 97 (near Orchard Park Shopping Center)

8:00 to 8:30 am Registration and refreshments

8:35 to 9:30 Ron Howard, Brooks AB *Recognition of common greenhouse diseases*

9:30 to 10:00 Janice Elmhirst, Abbotsford BC *Biological control of leaf-infecting fungi*

10:00 to 10:30 Refreshment break

10:30 to 11:30 Zamir Punja, Burnaby BC *Biological control of root-infecting fungi*

11:30 to 12:00 Louise Nelson, Kelowna BC *Plant-growth promoting soil rhizobacteria*

12:00 to 1:00 pm Lunch (provided)

1:00 to 2:00 Speakers from the morning *Panel discussion (questions and answers)*

2:00 to 2:30 Refreshment break

2:30 to 3:00 Melanie Jones, Kelowna BC *Mycorrhizal fungi: an introduction*

3:00 to 3:45 Carolyn Scagel, Corvallis Oregon *Mycorrhizal fungi in greenhouse propagation*

3:45 to 4:30 Deborah Henderson, Langley BC *Cuban experience with microbial pest control*

4:30 End of workshop



MORNING PRESENTERS

Ron Howard, PhD

Plant pathology research scientist,
Alberta Agriculture & Food
Co-editor, "Diseases and Pests
of Vegetable Crops in Canada"



About his talk:

Powdery mildew, Botrytis mold, damping off and root rot are common diseases of greenhouse crops around the world. We will review identification and cultural management.

Janice Elmhirst, PhD

Owner, Elmhirst
Diagnostics and Research



About her talk:

Results will be presented from a study of three biological fungicides on powdery mildew, Botrytis and Rhizoctonia. Some products performed better on specific diseases.

Zamir K. Punja, PhD

Professor, Simon Fraser University
Editor-in-Chief, Canadian
Journal Plant Pathology



Steve Rose, Sujama Chatterton, Dr. Zamir Punja

About his talk:

Our research compared the products Mycostop, Rootshield and PreStop for control of common root rot pathogens in different crops, including cucumbers and tomatoes.

Louise M. Nelson, PhD

Professor and Unit head,
University of B.C. Okanagan



About her talk:

Our research identified bacteria that promote plant growth and suppress disease pathogens in field crops. We are now examining their efficacy against pathogens of tomatoes.

DO NOT MISS THIS EVENT!

Join us and other greenhouse growers as we hear university researchers and extension specialists review trial results and application methods. The focus will be on beneficial micro-organisms that promote healthy plants.

AFTERNOON PRESENTERS

Melanie Jones, PhD

Professor and Associate dean,
University of B.C. — Okanagan



About her talk:

Mycorrhizal fungi are beneficial root-inhabiting organisms that can increase nutrient and water uptake by plants and decrease disease susceptibility of plant roots.

Carolyn Scagel, PhD

Research Root Physiologist,
Agricultural Research Service,
U.S. Department of Agriculture



About her talk:

Inoculum of mycorrhizal fungi is now commercially available. We will discuss reasons for successes and failures of these products in greenhouse production. This will include cultivar-specific responses, time of use, and cultural practices.

Deborah Henderson, PhD

Director,
Institute for Sustainable Horticulture
at Kwantlen University College



About her talk:

Since the 1990's, Cuba has had to learn to feed its population with minimal petroleum inputs. Their remarkable success with biological control has earned them world recognition.

Registration

	Per person	Total
<input type="checkbox"/> Before April 10	\$100	_____
<input type="checkbox"/> After April 10	\$120	_____
<input type="checkbox"/> Organic growers (with COABC) and university students	\$ 50	_____
	5% GST	_____
	Total	_____

Name _____

Name _____

Mailing address _____

City and Postal code _____

Phone _____

Method of Payment
(sorry, no credit card)

- Check or money order
 Send an invoice

Send your registration

via regular mail
CropHealth Advising & Research
Rural P.O. Box 28098
Kelowna, B.C. VIW 4A6

or fax (250) 717-1898
or email office@crophealth.com

*Partly funded by Agriculture and Agri-Food Canada
(via the Pesticide Risk Reduction Strategies Initiative)
and the Certified Organic Associations of British Columbia
(via the Organic Sector Development Program).*

