



Potato Progress

Research and Extension for Washington's Potato Industry

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October 14, 2008

Nematode Workshop - October 31st

WSU-IAREC

24106 N. Bunn Rd.

Prosser, WA 99350

The workshop will be held October 31st, at WSU-IAREC, Prosser, in the West Building, (just across from the main building). The workshop will start at 10:00 am with presentations by Dennis Johnson, Phil Hamm, and Hassan Mojtahedi - they will cover general topics of nematodes of potatoes. Phil Hamm will also present information on the 'new' nematode species found in Oregon, a 'tentative' close relative of the potato cyst nematode. The afternoon session is dedicated to the potato cyst nematode with speakers from USDA-APHIS, WSDA, USDA-ARS, U. of Idaho, and WSU.

Lunch will be sponsored by the Potato Commission. If you are planning to attend, please send an e-mail or call Ekaterini Riga riga@wsu.edu, 509-786-9256.

General session of nematodes of potatoes (10 am - 12:00 pm)

Dennis Johnson, WSU, WA. "Root-lesion nematodes and their association with potato early dying" (20 min)

Phil Hamm, OSU, Oregon. "Stubby root nematode and a new *Globodera* spp. (cyst nematode) found in Oregon; and how to chemically control nematodes pathogenic to potato" (30 min)

Hassan Mojtahedi and Ekaterini Riga, USDA-ARS and WSU, WA. "Potato root knot nematodes - - new pathotypes, higher densities and alternative means of management" (30 min)

Potato Cyst Nematodes - News and Updates (1:00 pm - 3:00 pm)

Ekaterini Riga, WSU, WA. "PCN introduction and biology" (10 min)

Eoin Davis, APHIS, Idaho. "PCN in Idaho" (20 min)

Tom Wessels, WSDA, WA. "PCN survey in Washington State" (20 min)

Robert Zemetra, UI, Idaho. "The purpose of the University of Idaho lab in PCN eradication and collaborative research done in the facility" (20 min)

Roy Navarre, USDA-ARS, WA. "Role of hatching factors in PCN control" (20 min)

Greg Parra, USDA-APHIS-PPQ, NC. "Question period"

Potato Commission Research Planning Meetings, October 29-30

Industry members and scientists interested in potato research *are invited* to participate in the potato commission's upcoming research planning meetings, October 29-30. Attending by video conference will be possible from various places around the State (contact Andy Jensen for more details).

Plant Protection: October 29th, 8:30 am - 2:30 pm, WSPC Office, Moses Lake
(i.e. entomology, plant pathology, nematology, weeds)

Variety Development/Breeding: October 29th, 2:45 - 5:00 pm, WSPC Office, Moses Lake

Crop Management: October 30th, 9:00 - 12:00 noon, WSPC Office, Moses Lake
(i.e. seed physiology, crop growth, fertility, irrigation, post-harvest physiology)

Economic, Sustainable, and Value-Added Research: October 30th, 1:00 pm - 4:00 pm, WSPC Office, Moses Lake
(i.e. new food products, nutrition research, economics, farm management, etc.)

These committees will conduct in-depth review of the projects relevant to each area. These meetings will go through each existing project, talk about rationale, objectives, progress, plans, etc. Each group will also discuss new ideas and develop viable projects. Each meeting will be facilitated by commission staff.

Basic Agenda for Each Subject Matter Meeting

A. Listing of Research Ideas/Directions

1. All scientists interested in discussing their ideas for 2009 research are identified and listed by facilitator
2. All industry members interested in advocating for a new research project are identified and listed by facilitator

B. Discussion of Research Ideas/Directions

1. Each scientist begins a discussion of their research program and thoughts for the coming year – this is NOT the venue for extensive reporting of results. It is recommended that a 1-page handout be prepared for each research project or idea. Each project/idea discussion will end with direction to the scientist about whether to submit a proposal and what research directions should be included.
2. Industry members with research ideas explain their thinking and the merit and possibilities for research will be discussed by the group. Each research idea discussion will end with a conclusion as to whether a proposal should be built/solicited for the 2009 research season.

As always, please contact Andy Jensen at the commission office with questions or comments about commission research.