



NEMATOTOLOGY SHORT COURSE

FOR AGRI-BUSINESS

Cover Crops & Resistance Management/Seed Treatment

Thursday, August 20, 2015

Kellogg Hotel and Conference Center, Michigan State University

219 S Harrison Rd, East Lansing, Michigan 48824

CCA Credits – 4.0 NM; 1.0 SW

8:00 – 8:30 A.M. **Registration**

8:30– 8:45 A.M. **Welcome and Program Overview**

- **Dr. Tim Boring**, *Michigan Agri-Business Association*
- **George Bird**, *NE-1040*

GENERAL NEMATOTOLOGY

8:45 – 9:30 A.M. **Impact of Nematodes on Agriculture**

- **Ann MacGuidwin**, *Professor of Nematology, University of Wisconsin*

9:30 – 9:45 A.M. **Distribution of Soybean & Sugar Beet Cyst Nematodes in the Midwest**

- **Angie Tenny**, *Nematode Diagnostician, Michigan State University*

9:45 –10:00 A.M. **Break**

COVER CROP TRACK

10:00 – 10:30 A.M. **Nature of Cover Crops: With Special Reference to the Mid-West Cover Crop Council**

- **Dean Baas**, *Cover Crop Specialist, Michigan State University*

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10:30 –11:30 A.M. **Use of Brassicas as Cover Crops for Cyst Nematode Management**

- Fred Warner, *Nematode Diagnostician, Michigan State University*

11:30– 12:00 P.M. **Cover Crop Chemistry**

- Kim Cassida, *Professor, Michigan State University*

PEST RESISTANCE & SEED TREATMENT TRACK

10:30 –11:30 A.M. **Soybean Cyst/Beet Cyst Nematode Resistance Management: With Special Reference to SCN Types**

- Terry Niblack, *Professor, Ohio State University*
- Greg Tylka, *Professor, Iowa State University*

11:30 –12:00 P.M. **Challenges of Breeding for Pest Resistance**

- Dave Douches, *Professor, Michigan State University*

LUNCH

12:00 – 1:15 P.M. *Served luncheon covered in the registration fee*

COVER CROP TRACK

1:15 – 2:00 P.M. **Use of Cover Crops for Management of Root-Knot, Root-Lesion, and Dagger Nematodes**

- Jim LaMondia, *Nematologist, Connecticut Agricultural Experiment Station*
- George Abwai, *Professor, Cornell University*

2:00 – 2:30 P.M. **Planting Windows for Successful Use of Cover Crops**

- Sieg Snapp, *Professor, Michigan State University*

PEST RESISTANCE & SEED TREATMENT TRACK

1:15 – 1:30 P.M. **Results of the 2014 Michigan SCN (HG) Type Study**

- Fred Warner, *Nematode Diagnostician, Michigan State University*

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1:30 – 2:30 P.M. **Seed Treatments for Control of Cyst Nematodes**

- **Greg Tylka**, *Professor, Iowa State University*
- **Terry Niblack**, *Professor, Ohio State University*

2:30 – 2:45 **Break**

SOIL HEALTH

2:45 – 3:30 P.M. **Nature of Soil Health**

- **Lisa Tiemann**, *Professor, Michigan State University*

3:30 – 3:45 P.M. **Soil Health Biology and Concluding Remarks**

- **George Bird**, *Professor, Michigan State University*

FIELD TRIP

3:45 – 4:15 P.M. **Travel to the MSU Department of Entomology, Collins Road Farm**

4:15 – 5:00 P.M. **Cover Crop Rescue and Polyculture Field Demonstrations**

- **MSU Department of Entomology**, *Collins Road Farm*