



Purdue Cooperative Extension Service  
USDA-NIFA Extension IPM Grant

November 14, 2014 - Issue 25

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Dear Pest&Crop Readers:

We need your HELP. We want the Pest&Crop to better serve your needs. Please take a couple minutes now for this confidential, online survey. Thank you for your time! Click the following link: <http://tinyurl.com/o4e2o2k>

## Bits & Pieces

### Post Harvest Update and Recertification Workshop

- (Linda Mason) -

The Post Harvest Update and Recertification Workshop will be held December 19, 2014 at the Beck Agricultural Center, Purdue Agronomy Center for Research and Education, 4540 U.S. 52 W., West Lafayette, IN 47906. Pre-register and save money, \$95.00 by Dec. 12 and \$110.00 after. Registration is limited.

The schedule of the day:

8:30 AM	Registration, Coffee & Donuts
9 AM - 12 PM	Sessions
12 - 1 PM	Catered Lunch Provided
1 - 4 PM	Sessions
4 PM	Complete Certification Forms

CCH's applied for. Watch for more detail on our Post Harvest and Grain Quality Website: <http://extension.entm.purdue.edu/grainlab/>.



<http://extension.entm.purdue.edu/pestcrop/index.html>

## 2015 Crop Management Workshops – (John Obermeyer) -

### Warsaw

Monday, January 26, 2015  
Grace College Campus  
Rodeheaver Auditorium  
901 Park Ave  
Winona Lake, IN 46590  
(574) 372-5100

GPS: 41.225608, -85.820941

### Seymour

Tuesday, January 27, 2015  
Pines, Evergreen Room  
4289 N. US Highway 31  
Seymour, IN 47274  
Just south of intersection U.S. 31 & U.S. 50  
(812) 522-4955

GPS: 38.944284, -85.833632

### Vincennes

Wednesday, January 28, 2015  
Vincennes University  
Robert E. Green Activities Center  
120 W. Harrison St.  
Vincennes, IN 47591

GPS: 38.684881, -87.523772

### West Lafayette

Thursday & Friday, January 29-30, 2015  
Beck Agricultural Center  
Agronomy Center for Research and Education  
4540 US 52 West  
West Lafayette, IN 47906  
(765) 583-0590

GPS: 40.46936, -86.99174



## Topics

(same for all locations)

### Topics:

- (1) State Chemist Update: You Thought Pesticides Were Boring!  
Joe Becovitz
- (2) New Stuff for the Wicked War on Weeds  
Bill Johnson/Travis Legleiter
- (3) Nutrient Management for Optimum Profit and Environmental Protection  
Jim Camberato
- (4) The Latest and Greatest in Crop Disease Management  
Kiersten Wise
- (5) IPM Solutions: Unraveling a Complex Web  
Christian Krupke
- (6) Surveying Indiana Soybean for SVNV and Evaluating Management Practices  
Punya Nachappa
- (7) Breaking Bean Barriers: The Next Generation  
Shaun Casteel
- (8) Continuous Corn: A Bed of Roses or Simply a Thorny Mess?  
Bob Nielsen
- (9) Rethinking the Sprayer Clean Out: Reordering Steps and Adopting New Procedures  
Fred Whitford

## Credits

6 CCH Category 1  
1 CCH Category 4  
5 CCH Category 11  
2 CCH Category 14  
4 CCH RT  
7.0 CEU (4.5 PM, 1.5 CM, 1.0 NM)  
PARP (*additional \$10 fee collected at site*)  
Ohio Applicator Credits (*requested*)

## Schedule

(Times listed are Eastern Time)

8:30 a.m. - 9 a.m.	Registration
9 a.m. - 12 p.m.	Morning Presentations
12 p.m. - 12:45 p.m.	Lunch Provided
12:45 p.m. - 4:15 p.m.	Afternoon Presentations

## Online Registration

<<http://www.conf.purdue.edu/crop>>

Click on the Crop Management Workshop you want to attend.

# Purdue Crop Diagnostic Training & Research Center

## Certified Crop Adviser Exam Prep Course

### January 13<sup>th</sup> and 14<sup>th</sup>, 2015

#### Location:

Purdue University Agronomy Center for Research and Education  
Beck Agricultural Center  
4540 U.S. 52 W.  
West Lafayette, IN 47906



**Objective:** The goal of this two-day workshop will be to provide fundamental crop and pest management information that aligns with the Tri-State Performance Objectives. This information will serve as a baseline for the participants as they study/prepare for the CCA International and/or Local Board exam(s). Supplemental study/reference materials will also be provided to help prepare for the exam(s).

**Audience:** Individuals studying for the CCA International Exam and/or the Local Board Exam.

**\*Pre-Registration with Payment Only (Due by January 6, 2015)**

**Cost: \$120.00** (Cost includes lunches and refreshments for both days and supplemental study/reference materials.)

#### Agenda:

##### Tuesday (January 13th):

- 8:50 – 9:00 Welcome
- 9:00 – 10:15 Session (Shaun Casteel - Early Season Soybean – Crop Growth & Development)
- 10:15 – 10:30 Break
- 10:30 – 11:45 Session (Shaun Casteel - Mid Season Soybean – Crop Growth & Development)
- 11:45 – 12:30 Lunch
- 12:30 – 1:30 Session (Bill Johnson/Travis Legleiter - Weed Management))
- 1:30 – 2:30 Session (Jim Camberato - Nutrient Sources and Application Methods)
- 2:30 – 2:45 Break
- 2:45 – 3:45 Session (Kiersten Wise - Disease Management)
- 3:45 – 4:45 Session (Jim Camberato - Soil pH and Liming)
- 4:45 – 5:00 Wrap-up

##### Wednesday (January 14th):

- 9:00 – 10:15 Session (Bob Nielsen - Early Season Corn – Crop Growth & Development)
- 10:15 – 10:30 Break
- 10:30 – 11:45 Session (Bob Nielsen - Mid Season Corn – Crop Growth & Development)
- 11:45 – 12:30 Lunch
- 12:30 – 1:15 Session (Kenneth Eck - Soil and Water Management)
- 1:15 – 1:30 Break
- 1:30 – 2:15 Session (Kenneth Eck - Soil and Water Management, cont.)
- 2:15 – 3:15 Session (Christian Krupke/John Obermeyer - Insect Management)
- 3:15 – 3:45 Wrap-up (CCA Board Member)

\*For additional information and registration please contact Lisa Green (765-494-4783; lgreen06@purdue.edu) or visit our website: <https://ag.purdue.edu/agry/dtc/Pages/ccaexamprep.aspx>

## **PEST&CROP INDEX 2014**

### **INSECTS, MITES & NEMATODES**

#### **Alfalfa Weevil**

VIDEO: Alfalfa Weevil: Damage and Scouting –3  
Alfalfa Weevil Development Map 4, 5, 6

#### **Armyworm**

Armyworm Pheromone Trap Report – 2, 3, 4, 5, 6, 7, 9, 10, 11, 12  
Armyworm Active in High-Risk Corn Fields – 7  
**VIDEO:** Armyworm in Soybean, Homeless and Starving - 9

#### **Bean Leaf Beetle**

Insect Pest Survival During a Harsh Winter – 1

#### **Black Cutworm**

Insect Pest Survival During a Harsh Winter – 1  
Black Cutworm Spring Arrival Met with Hostile Welcoming – 2  
Black Cutworm Adult Pheromone Trap Report – 2, 3, 4, 5, 6  
Black Cutworm Moths Just keep Coming – 4  
Black Cutworm Development Map – 4, 5, 6, 7  
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2014 Corn Earworm Trap Report - 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21

#### **Corn Rootworm**

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Gigantic Japanese Beetle!?!?!?! - 14

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New Webcasts Save Time , Money, and Pesticide During Soybean Aphid Season – 17  
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#### **Twospotted Spider Mite**

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#### **Western Bean Cutworm**

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#### **Western Corn Rootworm**

Western Corn Rootworm Beetles Emerging - 13

#### **White Grub**

Insect Pest Survival During a Harsh Winter – 1

#### **Wireworm**

Insect Pest Survival During a Harsh Winter – 1

### **WEEDS**

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Have You Scouted Your Palmer Amaranth In The Last 7 Days? – 10  
Purdue University Weed Scientist's on the Hunt for More Glyphosate Resistant Giant Ragweed – 12  
Purdue Weed Scientist: Late-Season Herbicide Applications may be Ineffective - 17  
Starting Next Year Now: The Utility of Fall Herbicide Applications - 23

#### **Other**

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**VIDEO:** Goss's Bacterial Wilt in Corn – 19

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Determining Corn Leaf Stages - 4

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