

NATIONAL RAILROAD CONTRACTORS ASSOCIATION

WEED CONTROL SEMINAR

January 24-27, 2011

Indianapolis Marriott East

7202 East 21st Street

Indianapolis, Indiana 46219

Sponsored By:

Purdue University

and

**National Railroad
Contractors Association**

2011 NRCA WEED CONTROL SEMINAR

Session I: Initial Certification

Monday, January 24

11:00 am-1:00 pm	Registration	(Liberty Hall)
1:00-2:15 pm	Pretest and Review. <i>Harvey Holt</i>	(Salon 5-8)
2:15-2:30 pm	Break	
2:30-3:15 pm	Plant Biology and Weed Identification. <i>Rita McKenzie</i>	
3:15-3:30 pm	Break	
3:30-4:15 pm	Environmental Concerns on Rights-of-Way. <i>Andrew Martin</i>	
4:15-4:30 pm	Break	
4:30-5:15 pm	Herbicide Application Equipment. <i>Harvey Holt</i>	
5:30-6:30 pm	Dinner for Session I	(Liberty Hall)
6:30-8:00 pm	Equipment Calibration and Worksheet. <i>Andrew Martin.</i> (Calculators suggested)	(Salon 5-8)

Tuesday, January 25

7:00-8:30 am	Breakfast for Session I	(Liberty Hall)
8:30-9:15 am	Review and Discussion. <i>Harvey Holt</i>	(Salon 5-8)
9:15-9:30 am	Break	
9:30-10:15 am	Applicator Safety. <i>Andrew Martin</i>	
10:15-10:30 am	Break	
10:30-11:15 am	Herbicide Characteristics. <i>Harvey Holt</i>	
11:15-11:30 am	Break	
11:30-12:00 pm	Herbicide Formulations. <i>Andrew Martin</i>	
12:00-1:00 pm	Lunch for Session I	(Liberty Hall)
1:00-1:30 pm	Railroad Weed Control Programs and Rules. <i>Harvey Holt</i>	(Salon 5-8)
1:30-1:45 pm	Break	
1:45-2:15 pm	Understanding Labels and Labeling. <i>Andrew Martin</i>	
2:15-2:30 pm	Break	
2:30-3:30 pm	Label and Labeling Worksheet. <i>Andrew Martin</i>	
3:30-3:45 pm	Break	
3:45-4:15 pm	Pesticide Laws and Regulations. <i>Leo Reed, Office of Indiana State Chemist</i>	
4:15-4:30 pm	Break	
4:30-5:00 pm	Review and Discussion. <i>Harvey Holt</i>	
5:00-6:00 pm	Dinner for Session I	(Liberty Hall)

Wednesday, January 26

7:00-8:00 am	Breakfast for Session I	(Liberty Hall)
8:00-8:30 am	Review and Discussion. <i>Harvey Holt</i>	(Salon 5-8)
8:30-8:45 am	Break	
8:45-12:00 pm	Certification Exam. <i>Leo Reed</i>	(Salon A-C)
11:30-1:00 pm	Lunch for Session I	(Liberty Hall)
12:30-2:00 pm	Supplemental Exams. <i>Leo Reed</i>	(Salon A-C)

Thursday, January 27

1:30-3:30 pm	Illinois certification exam	(Salon 5-8)
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2011 NRCA WEED CONTROL SEMINAR

Session II: Continuing Certification

Tuesday, January 25

4:00-5:00 pm **Certification and Recertification Status.** (Patriot Board Room)
Arlene Blessing

Wednesday, January 26

7:00-8:30 am Breakfast for Session II (Liberty Hall)

10:00 am-1:00 pm Registration (Liberty Hall)

11:30 am-1:00 pm Lunch for Session II (Salon 1-4)

1:00-2:00 pm **AREMA Sub-Committee 9.** *George Telesz,* (Patriot Board Room)
Nufarm, Kansas City, Missouri

Moderator: Dave Stokka, RAW, Cooperstown, North Dakota (Salon 5-8)

2:00-2:15 pm **Opening Address.** *Joe Hage,* NRCA president, RWC, Inc., Westerville, Ohio

2:15-2:45 pm **Working Together -- A Unified Response to Regulatory Issues Facing Vegetation Management.** *John Jachetta,* Weed Science Society of America, Lawrence, Kansas
Dr. Jachetta, president, Weed Science Society of America, will address a number of regulatory issues that interface science and emerging national policy, including NPDES permits, spray drift, and the management of herbicide resistant weeds. By bringing together the science and practice of plant management, the Weed Science community provides a united voice and unique strength as we respond in a constructive and positive manner to the current regulatory issues and opportunities that impact vegetation management.

2:45-2:55 pm Break

2:55-3:45 pm **Invasive and Noxious Plants of the Future.** *Jennifer Hillmer,* Cleveland MetroParks, Cleveland, Ohio
Ms. Hillmer will discuss plants that applicators should be aware of as they travel across the U.S. since plants often spread along railroads.

3:45-3:55 pm Break

3:55-5:00 pm **Drift Management and Environmental Responsibility for Railroad Applications.** *Norman Wagoner,* Agrilead, Inc., Alleman, Iowa
Mr. Wagoner will highlight the array of drift control options and how to make the best use of each.

5:00 pm Social period and buffet dinner (Liberty Hall)

Thursday, January 27

7:00-8:30 am	Breakfast	(Liberty Hall)
	Moderator: Stan Rogers, Reforestation Services, Salem, Oregon	(Salon 5-8)
8:30-9:20 am	The Impact of Water Quality on Herbicide Performance. <i>Fred Whitford</i> , Purdue University Dr. Whitford will demonstrate the important role that characteristics of the water carrier can have on herbicide performance and why it is important to know basic facts about the water being used.	
9:20-9:30 am	Break	
9:30-10:20 am	Herbicide Application Technology to Increase Efficacy and Manage Spray Drift. <i>Robert Klein</i> , University of Nebraska, North Platte Mr. Klein will discuss the influence of nozzle type, size and pressure on herbicide penetration into the plant canopy and how this relates to techniques to reduce drift.	
10:20-10:30 am	Break	
10:30-11:00 am	Label Compliance and Applicator Safety. <i>Joanne Kick-Raack</i> , Ohio State University, Columbus Ms. Kick-Raack will address the importance of following label guidelines to reduce applicator exposure.	
11:00-11:30 am	Update on Pesticide Regulations. <i>David Scott</i> , Office of the Indiana State Chemist Railroad applicators must stay current on changing regulations such as NPDES developments and other states' regulations as requested.	
11:30-12:00 pm	CCH paperwork; adjourn	
12:00-1:00 pm	Lunch	(Liberty Hall)
12:00-2:00 pm	NRCA Board of Directors luncheon/business meeting	(Salon A)
1:00-3:30 pm	Illinois Certification Exam	(Salon 5-8)

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This program is a continuing education activity of Purdue University,
an Equal Access/Equal Opportunity University.

Register on-line at: www.conf.purdue.edu/nrca.

SN7801/KRW/11YR

NRCA Weed Control Seminar Registration

Mail to: Conference Division Business Services
Purdue University
Stewart Center, Room 116
128 Memorial Mall
West Lafayette, IN 47907-2034

or FAX: 765-494-0567

Enroll the following person in the NRCA Weed Control Seminar, January 24-27, 2011.

Preregister by January 19. Photocopy this form for additional registrants.

Name _____ Title _____

Company _____ Address _____

City _____ State _____ Zip _____

Social Security number _____ Phone _____
(Required if you are claiming Lifetime Learning Tax Credit)

E-mail Address _____

	Amount
Registration for NRCA member or railroad employee @ \$275 per person	\$ _____
Registration for non-NRCA member @ \$1,500 per person	_____
TOTAL	\$ _____

Make checks payable to **Purdue University**. Payment is required upon submission of registration.

Guarantee my registration by credit card:

____ VISA ____ MasterCard ____ Discover ____ American Express

Account number

Expiration date

Authorized signature

I will attend (circle one): Session I only Session II only Both Sessions

I will take the certification exam (circle one): Yes No

I will take the Illinois certification exam (circle one): Yes No

I require auxiliary aids/services due to a disability. Please contact me at the above address.

NRCA Weed Control Seminar Room Reservation

Marriott Inn Room Reservation

Please reserve a room for the **NRCA Weed Control Seminar**, January 24-27, 2011. (\$92/night; 1-4 people/room). Make your reservation by January 3, 2011.

Name

Company

Mailing address

City

State

ZIP Code

Telephone

E-mail

Arrive January _____ at _____ a.m./p.m. and depart January _____ at _____ a.m./p.m.

Room preference: Standard King

All Marriott properties are non-smoking.

Guarantee my reservation by credit card:

_____ VISA

_____ MasterCard

_____ Discover

_____ American Express

Account number

Expiration date

Authorized signature

Mail to: Indianapolis Marriott East
 7202 East 21st Street
 Indianapolis, IN 46219

Phone: 317-352-1231 or 800-228-9290

Fax: 317-352-9775

Email: baldwind@indymarriotteast.com

GENERAL INFORMATION

OBJECTIVES: 1) To provide railroad applicators the opportunity for reviewing and updating in order to meet the high standards of performance of both the Association and the states. 2) To help new applicators prepare for initial certification. Arlene Blessing (765-385-2073), in association with Purdue University, works to gain acceptance of this program in as many states as possible. The program contains pesticide-related material generally suitable for Continuing Certification approval in Right-of-Way.

WHERE: The Indianapolis Marriott East, 7202 East 21st Street, is located off the Shadeland Avenue exit of I-70 East, just west of the I-465/I-70 junction on the east side of Indianapolis.

REGISTRATION: Please return the enclosed registration form by January 17, 2011. The registration fee includes conference materials, meals, and breaks.

CANCELLATION: Purdue University is not responsible for costs incurred due to cancellation.

TRAINING MATERIALS: The training materials relevant to Session I can be printed at no cost from the following web site: <http://www.nrca-railroad.com/>. The materials are password protected, which will be provided to conferees after completing registration.

CERTIFICATION EXAM: The certification exam will be given by the Office of the Indiana State Chemist. **Pre-register if you plan to take the certification exam.** License application forms for Indiana will be available after the exam. Fees will be due when you apply for your license.

HOUSING AND MEALS: Meals are included in the registration fee; lodging is not. A block of rooms is reserved at the Indianapolis Marriott East at the rate of \$92, single or double occupancy. The room block will be held until January 3, 2011. Reservations can be made by calling 317-352-1231 or 800-228-9290. Identify your reservation with the **National Railroad Contractors Association**.

AIRPORT TRANSPORTATION: The Indianapolis airport is about 20 miles west of the Marriott East. One limousine service is Carey Indiana 800-888-INDY (out of state only) or 317-241-7100. The fare from the airport to the hotel is about \$33 per person (share ride); tip not included. This is cheaper than taxi fare. Carey Indiana is located in the Ground Transportation Center, across the street from luggage carousel #2, and is open 24 hours a day.

TAX DEDUCTION FOR EDUCATIONAL EXPENSES: Treasury regulation sec. 1.162.5 permits an income tax deduction for educational expenses (registration fees, cost of travel, meals, and lodging) undertaken to: (1) maintain or improve skills required in one's employment or other trade of business, or (2) meet express requirements of an employer or a law imposed as a condition to retention of employment, job status, or rate of compensation.

ADDITIONAL INFORMATION: For registration or any other information, contact:

Kathy Walters	765-494-2758
Conference Division	800-359-2968
Purdue University	fax: 765-494-0567
Stewart Center, Room 116	E-mail: kw@purdue.edu
128 Memorial Mall	
West Lafayette, IN 47907-1586	