

**PROGRAM**

**64<sup>th</sup> Annual Meeting of the  
Northeastern Weed Science Society**

***THEME: Meeting the Challenges  
for Food Production in Africa***



**Boston Marriott Cambridge  
Cambridge, MA**

**January 4-7, 2010**



**Annual Meeting of Northeast Region –  
American Society for Horticultural Science**

**Meeting Location**  
**Boston Marriott Cambridge**  
**50 Broadway**  
**Cambridge, MA 02142**  
**(617) 494-6600**

**Hotel Website**  
<http://www.marriott.com/hotels/travel/boscb>

**Room Registration Website**  
[http://www.marriott.com/hotels/travel/BOSCB  
?groupCode=NWSNWSA&app=resvlink&from  
Date=1/3/10&toDate=1/8/10](http://www.marriott.com/hotels/travel/BOSCB?groupCode=NWSNWSA&app=resvlink&fromDate=1/3/10&toDate=1/8/10)

**DOWNLOAD PRESENTATIONS AT  
REGISTRATION DESK**

**USB DRIVES REQUIRED**

**Deadline for Downloading  
Presentations:**

***Graduate Students:***  
**Monday 6:30 p.m.**

***All Other Presentations:***  
**Tuesday 9:00 a.m.**



**The Northeastern Weed Science Society**  
**P.O. Box 307**  
**Fredericksburg, PA 17026**  
**[www.NEWS.S.org](http://www.NEWS.S.org)**

## Platinum Level



## Gold Level



## Silver

**AMVAC**

**FMC**

**For-Shore Weed Control**

**OHP**

**PBI Gordon Corporation**

**Quali-Pro**

**Weed Systems, Inc.**

## Bronze Level

ACDS Research

BAAR Scientific LLC

Crop Management Strategies

Gylling Data Management

LABServices

WEEDS, Inc.

## Meeting Location

**Boston Marriott Cambridge**  
**Two Cambridge Center, 50 Broadway**  
**Cambridge, Massachusetts 02142**  
**(617) 494-6600**

**Driving Directions, Parking, Train Stations,  
and Subway Information:**

<http://www.marriott.com/hotels/maps/travel/boscb>

### Local Airports

#### **Boston - BOS**

Phone: 1-800-235-6426  
Hotel direction: 5 miles W

Subway and taxi service available

#### **Providence - PVD**

Phone: 1-401-737-8222  
Hotel direction: 60 miles NE

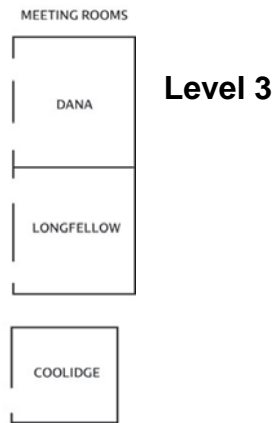
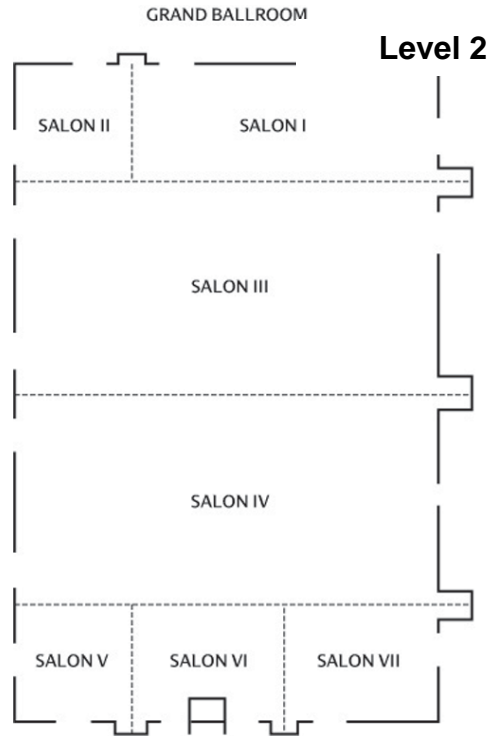
**Marriott Cambridge does not provide  
shuttle service**

### Make Plans for the 2011 Meeting:

January 3 - 6, 2011  
Renaissance Harborplace Hotel  
202 East Pratt Street  
Baltimore, MD

[www.marriott.com/hotels/travel/bwish](http://www.marriott.com/hotels/travel/bwish)

# The Boston Marriott Cambridge Hotel Floor Plan



# **NORTHEASTERN WEED SCIENCE SOCIETY**

[www.NEWSS.org](http://www.NEWSS.org)

**Boston Marriott Cambridge  
Cambridge, Massachusetts**

## **EXECUTIVE COMMITTEE OFFICERS**

- President**            **D.E. Yarborough**  
The University of Maine  
5722 Deering Hall  
Orono, ME 04469  
davidy@maine.edu
- President-Elect**    **H.A. Sandler**  
UMass Cranberry Station  
P.O. Box 569  
East Wareham, MA 02538  
hsandler@umext.umass.edu
- Vice-President**    **M.J. VanGessel**  
University of Delaware  
16483 County Seat Highway  
Georgetown, DE 19947  
mjv@udel.edu
- Secretary/Treasurer** **M.A. Bravo**  
Pennsylvania Department of  
Agriculture  
2301 North Cameron Street  
Harrisburg, PA 17110  
mab36@psu.edu
- Past President**    **J.J. Baron**  
IR-4 Project Headquarters  
500 College Rd. East  
Suite 201W  
Princeton, NJ 08540  
jbaron@aesop.rutgers.edu

## COMMITTEES

<b>Editor</b>	<b>G.R. Armel</b> University of Tennessee 363 Ellington Plant Sci. Bldg. Knoxville, TN 37996
<b>Public Relations</b>	<b>B.A. Scott</b> University of Delaware 16483 County Seat Highway Georgetown, DE 19947
<b>Research &amp; Education Coordinator</b>	<b>R.S. Chandran</b> West Virginia University P.O. Box 6108 Morgantown, WV 26506
<b>Sustaining Membership</b>	<b>C.A. Judge</b> BASF Corporation 1513 Jeannine Lane Dewitt, MI 48820
<b>CAST Representative</b>	<b>R.D. Sweet</b> Cornell University Department of Horticulture Ithaca, NY 14853
<b>Graduate Student Representative</b>	<b>A.R. Post</b> Virginia Tech 435 Old Glade Road Blacksburg, VA 24061
<b>WSSA Representative</b>	<b>S.D. Askew</b> Virginia Tech 435 Old Glade Road Blacksburg, VA 24061

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## COMMITTEE MEETINGS

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### EXECUTIVE COMMITTEE MEETINGS

**Monday, January 4**

2:00 p.m. - 4:30 p.m. Dana, 3<sup>rd</sup> Level

**Thursday, January 7**

Executive Committee (Old and New)

6:30 a.m. - 7:00 a.m. Breakfast, Dana

7:00 a.m. - 8:00 a.m. Meeting, Dana

### NORTHEASTERN IPM REGIONAL MEETING

**Monday, January 4**

1:00 p.m. - 5:00 p.m. Longfellow, 3<sup>rd</sup> Level

### AWARDS COMMITTEE MEETING

**Monday, January 4**

5:00 p.m. - 5:30 p.m. Salon 2, 2<sup>nd</sup> Level

### WEED SCIENCE FIELD DAY COMMITTEE

**Monday, January 4**

5:00 p.m. - 5:15 p.m. Dana, 3<sup>rd</sup> Level

### COLLEGIATE WEED CONTEST COMMITTEE

**Monday, January 4**

5:15 p.m. - 6:00 p.m. Dana, 3<sup>rd</sup> Level

**PROGRAM COMMITTEE MEETING**

**Monday, January 4**

5:30 p.m. - 6:00 p.m. Longfellow, 3<sup>rd</sup> Level  
(Moderators, Section  
Chair, and Chair-Elect)

**STUDENT PAPER JUDGING  
COMMITTEE MEETING**

**Monday, January 4**

5:30 p.m. - 6:00 p.m. Salon 2, 2<sup>nd</sup> Level

**Tuesday January 5**

2:30 p.m. - 3:15 p.m. Dana, 3<sup>rd</sup> Level

**PHOTO JUDGING COMMITTEE MEETING**

**Monday, January 4**

6:00 p.m. - 7:00 p.m. Dana, 3<sup>rd</sup> Level

**POSTER JUDGING COMMITTEE MEETING**

**Tuesday, January 5**

7:30 a.m. - 8:00 a.m. Salon 4, 2<sup>nd</sup> Level

**HERBICIDE RESISTANT WEED MEETING**

**Tuesday, January 5**

5:30 p.m. - 6:00 p.m. Longfellow, 3<sup>rd</sup> Level

**PAST PRESIDENTS' BREAKFAST MEETING**

**Wednesday, January 6**

7:00 a.m. - 7:30 a.m. Breakfast, Longfellow  
7:30 a.m. - 8:30 a.m. Meeting, Longfellow

**NEASHS BREAKFAST MEETING**

**Thursday, January 7**

8:30 a.m. - 10:00 a.m. Salons 5 & 6, 2<sup>nd</sup> Level

**NEWSS REGISTRATION**

**Monday, January 4**

4:30 p.m. - 6:30 p.m. 2<sup>nd</sup> Level

**Tuesday, January 5**

7:30 a.m. - 4:00 p.m. 2<sup>nd</sup> Level

**Wednesday, January 6**

8:00 a.m. - 3:00 p.m. 2<sup>nd</sup> Level

**Thursday, January 7**

8:00 a.m. - 11:00 a.m. 2<sup>nd</sup> Level

**NEASHS REGISTRATION**

**Tuesday, January 5**

3:00 p.m. - 5:00 p.m. 2<sup>nd</sup> Level

**Wednesday, January 6**

7:30 a.m. - 8:00 a.m. 2<sup>nd</sup> Level

**Please download your presentations  
at the Registration Desk when you  
register for the meeting !!**

USB memory sticks required

**Deadline for Downloading NEWSS  
Presentations:**

***Graduate Students:***

**Monday 6:30 p.m.**

***All Other Presentations:***

**Tuesday 9:00 a.m.**

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## CONDENSED PROGRAM

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### ***MONDAY JANUARY 4***

- 1:00 p.m. - 7:00 p.m.     Committee Meetings
- 4:30 p.m. - 5:30 p.m.     Drop Off Photos for Photo  
Judging at Registration  
Desk  
2<sup>nd</sup> Level
- 4:30 p.m. - 6:30 p.m.     NEWSS Registration  
2<sup>nd</sup> Level
- 4:30 p.m. - 10:00 p.m.    Posters Set-Up  
Salon 4, 2<sup>nd</sup> Level
- 4:30 p.m. - 10:00 p.m.    Commercial Displays  
Set-up  
Salon 4, 2<sup>nd</sup> Level
- 6:30 p.m.                    Deadline for NEWSS  
Graduate Students to  
Load Presentations
- 6:30 p.m. - 8:00 p.m.     Graduate Student Mixer  
Salons 5 & 6

### ***TUESDAY JANUARY 5***

- 7:30 a.m. - 8:00 a.m.     Poster Judging Committee  
Salon 4, 2<sup>nd</sup> Level
- 7:30 a.m. - 4:00 p.m.     NEWSS Registration  
2<sup>nd</sup> Level

8:00 a.m. - 9:00 a.m.	Posters (authors present) Commercial Displays, Coffee Salon 4, 2 <sup>nd</sup> Level
9:00 a.m.	Deadline to Load NEWSS Presentations
9:00 a.m. - 10:45 a.m.	General Session Salon 3, 2 <sup>nd</sup> Level
11:00 a.m. - 12:00 p.m.	Graduate Student Session Salon 3, 2 <sup>nd</sup> Level
12:00 p.m. - 1:00 p.m.	Awards Lunch Salon 4, 2 <sup>nd</sup> Level
1:00 p.m. - 2:15 p.m.	Graduate Student Session Salon 3, 2 <sup>nd</sup> Level
2:30 p.m. - 3:15 p.m.	Student Paper Judging Committee Dana, 3 <sup>rd</sup> Level
3:00 p.m. - 5:00 p.m.	NEASHS Registration and Load Oral Presentations 2 <sup>nd</sup> Level
2:30 p.m. - 5:15 p.m.	Workshop I: Weed Seed Banks Salon 3, 2 <sup>nd</sup> Level
2:30 p.m. - 5:30 p.m.	Vegetation Management and Restoration Salons 5 & 6, 2 <sup>nd</sup> Level
5:15 p.m. - 7:00 pm	Weed Seed Banks Post-Workshop Meeting Dana, 3 <sup>rd</sup> Level

9:00 p.m. - 11:00 p.m. Industry Night Cap and  
Dessert Social  
NEWSS/NEASHS  
Salon 4, 2<sup>nd</sup> Level

**WEDNESDAY JANUARY 6**

7:00 a.m. - 8:30 a.m. Past-Presidents' Breakfast  
and Meeting Longfellow,  
3<sup>rd</sup> Level

7:30 p.m. - 8:00 a.m. NEASHS Registration and  
Load Oral Presentations  
2<sup>nd</sup> Level

8:00 a.m. - 3:00 p.m. NEWSS Registration  
2<sup>nd</sup> Level

8:00 a.m. - 12:00 p.m. NEASHS Poster Set-Up  
Salon 7, 2<sup>nd</sup> Level

8:00 a.m. - 8:00 p.m. Research Posters (authors  
not present) & Commercial  
Displays  
Salon 4, 2<sup>nd</sup> Level

8:45 a.m. - 11:45 a.m. Symposium: Meeting the  
Challenges of Food  
Production in Africa  
Salon 3, 2<sup>nd</sup> Level

1:00 p.m. - 5:00 p.m. NEASHS Paper Session  
Dana, 3<sup>rd</sup> Level

1:30 p.m. - 4:45 p.m. Fruits and Vegetables  
Longfellow, 3<sup>rd</sup> Level

1:30 p.m. - 4:30 p.m. Workshop II: Technology  
and Extension  
Salon 4, 2<sup>nd</sup> Level

- 1:30 p.m. - 3:00 p.m. Weed Biology and Ecology  
Salons 1 & 2, 2<sup>nd</sup> Level
- 1:45 p.m. - 4:30 p.m. Turfgrass and Plant  
Growth Regulators I  
Salons 5 & 6, 2<sup>nd</sup> Level
- 4:45 p.m. - 6:00 p.m. NEWSS Annual Business  
Meeting  
Salon 3, 2<sup>nd</sup> Level
- 6:00 p.m. - 8:00 p.m. NEWSS / NEASHS  
Social Mixer  
Salon 4, 2<sup>nd</sup> Level
- 8:00 p.m. - 9:00 p.m. NEWSS Poster  
Take Down

***THURSDAY JANUARY 7***

- 6:30 a.m. - 8:00 a.m. Executive Committee  
(Old and New)  
Breakfast and Meeting  
Dana, 3<sup>rd</sup> Level
- 7:30 a.m. - 8:30 a.m. NEASHS Posters  
(authors present)  
Salon 7, 2<sup>nd</sup> Level
- 8:00 a.m. - 11:00 a.m. NEWSS Registration  
2<sup>nd</sup> Level
- 8:30 a.m. - 10:00 a.m. NEASHS Breakfast and  
Business Meeting  
Salons 5 & 6, 2<sup>nd</sup> Level
- 8:30 a.m. - 11:15 a.m. Turfgrass and Plant  
Growth Regulators II  
Salons 1 & 2, 2<sup>nd</sup> Level
- 8:30 a.m. - 12:00 p.m. Agronomy

Salon 3, 2<sup>nd</sup> Level

8:30 a.m. - 12:00 p.m. Ornaments  
Salon 4, 2<sup>nd</sup> Level

10:30 a.m. - 12:00 p.m. NEASHS Paper session  
Salons 5 & 6, 2<sup>nd</sup> Level

12:00 p.m. Adjourn

# PROGRAM

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**TUESDAY MORNING JANUARY 5**

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**Section: NEWSS POSTERS**  
**(Authors Present)**

LOCATION: Salon 4  
TIME: 8:00 a.m. to 9:00 a.m.  
CHAIR: Cristi Palmer  
IR-4 Project  
Princeton, NJ  
CHAIR-ELECT: Keith Burnell  
Syngenta  
Ithaca, NY

**\*Presenter †Student Poster**

**2009 Collegiate Weed Competition.** B. Scott\*  
and M. VanGessel, University of Delaware,  
Georgetown, DE (1)

**Assessment of Chlorophyll Fluorescence  
Induction in Black Nightshade Treated with  
Aminocyclopyrachlor and Diflufenzopyr Alone  
and in Mixtures.** J. Vargas\* and G. Armel,  
University of Tennessee, Knoxville, TN (2)

**Weed Species Common in Organic and  
Conventional Corn Fields in Yates County, NY.**  
S. Whitehouse, A. DiTommaso\*, and L.  
Drinkwater, Cornell University, Ithaca, NY (3)

**A Fresh Look at Herbicide Banding in Corn.** R.  
Chandran\* and S. Hagood, West Virginia  
University, Morgantown, WV (4)

**Dimethenamid-p: Liquid and Granular Formulations for Turfgrass Weed Control.** K. Kalmowitz\*, J. Zawierucha, and K. Miller, BASF Corp., Raleigh, NC (5)

**Advancements in Quinclorac Formulation Performance for Turfgrass Weed Control.** J. Zawierucha\*, G. Oliver, T. Cannan, and K. Kalmowitz, BASF Corp, Research Triangle Park, NC (6)

**†Mesotrione for Managing Weeds During the Establishment of Kentucky Bluegrass and Tall Fescue Turf in the Transition Zone.** A. Reis\*, J. Brosnan, G. Breeden, and M. Elmore, University of Tennessee, Knoxville, TN (7)

**†Interaction of Plant Growth Regulators and Cumyluron on Golf Putting Greens.** B. McNulty\*, J. Jester, S. Askew, and B. Mack, Virginia Tech, Blacksburg, VA (8)

**The Perennial Challenge of Managing Perennial Weeds in Certified Organic Feed and Forage Production Systems.** R. Smith\*, D. Mortensen, D. Sandy, and M. Barbercheck, Penn State, University Park, PA (9)

**Common Ragweed Competition in Lima Bean.** B. Scott\*, M. VanGessel, and Q. Johnson, University of Delaware, Georgetown, DE (10)

**†The Effects of Herbicide Mixtures with Brassica Meal on Weed Control and Yield of Strawberry.** J. Cummins\*, G. Armel, C. Sams, D. Deyton, and J. Vargas, University of Tennessee, Knoxville, TN (11)

**Spot Treatments of Broadleaf Weeds and Grasses in Wild Blueberry Fields Using a Mesotrione/Clethodim Tank Mix.** D. Yarborough and J. D'Appollonio\*, University of Maine, Orono, ME (12)

**Short-Term Floods and Chemical Controls: Developing an Integrated Program for Dodder Control in Cranberry.** J. O'Connell\*, H. Sandler, L. Adler, and F. Caruso, UMass Cranberry Station, East Wareham, MA (13)

**2009 Northeastern Weed Science Society Noxious and Invasive Vegetation Short Course.** M. Bravo\*, Pennsylvania Department of Agriculture, Harrisburg, PA (14)

**†Use of Mesotrione for Annual Bluegrass Control at Kentucky Bluegrass Establishment.** K. Venner\*, S. Hart, and C. Mansue, Rutgers University, New Brunswick, NJ (15)

**†Comparison of Genetic Diversity of Weedy and Domesticated Populations in Genus Cichorium (Asteraceae).** T. Zavada\*, University of Massachusetts Boston, MA (16)

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**TUESDAY MORNING JANUARY 5**

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**GENERAL SESSION**

LOCATION: Salon 3  
TIME: 9:00 a.m. to 10:45 a.m.  
MODERATOR: Hilary Sandler  
UMass Cranberry Station,  
East Wareham, MA

**Welcome Address**

**Scott Soares**  
Massachusetts Commissioner of Agriculture  
Boston, MA

**Presidential Address**

**Will You Still Need Me When I'm 64?**

**David Yarborough**  
University of Maine  
Orono, ME

**Invited Presentations**

**Mount Auburn Cemetery: A National  
Historic Landmark**

**David Barnett**  
Mount Auburn Cemetery  
Cambridge, MA

**Keynote Address**

**African Agriculture: Longstanding  
Constraints and Current Optimism**

**Daniel Gustafson**

Food and Agriculture Organization  
of the United Nations  
Liaison Office  
Washington, DC

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**TUESDAY MORNING JANUARY 5**

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**Section: GRADUATE PRESENTATIONS – I**

LOCATION: Salon 3  
TIME: 11:00 a.m. to 12:00 p.m.  
MODERATOR: Angela Post  
Virginia Tech  
Blacksburg, VA

**\*Speaker**

- 11:00 Control of Ground Ivy with Applications of Quinclorac and Sulfentrazone.** M. Elmore\*, R. Koepke, J. Brosnan, G. Breeden, G. Armel, and B. Walls, University of Tennessee, Knoxville, TN
- 11:15 Response of Sawbrier, Dewberry, and Cranberry Vines to Infrared and Open-Flame Weed Control.** K. Ghantous\*, H. Sandler, W. Autio, and P. Jeranyama, University of Massachusetts, Amherst, MA
- 11:30 Rethinking Invasive Plant Management Research Approaches.** K. Averill\*, D. Mortensen, and A. Gover, Penn State, University Park, PA
- 11:45 Evaluation of Reduced Rate Herbicide Applications for Chemical Mowing of Grasses and Broadleaf Weed Control in Grape Row Middles.** J. Vargas\*, D. Lockwood, G. Sheppard, and G. Armel, University of Tennessee, Knoxville, TN

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**TUESDAY AFTERNOON JANUARY 5**

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**AWARDS LUNCH**

LOCATION: Salon 4  
TIME: 12:00 p.m. to 1:00 p.m.  
MODERATOR: Jerry Baron  
IR-4 Project  
Princeton, NJ

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**TUESDAY AFTERNOON JANUARY 5**

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**Section: GRADUATE PRESENTATIONS – II**

LOCATION: Salon 3  
TIME: 1:00 p.m. to 2:15 p.m.  
MODERATOR: Kristine Averill  
Penn State  
University Park, PA

**\*Speaker**

- 1:00 Application Placement and Humidity Effects on Mesotrione Bioefficacy.** A. Post\*, M. Goddard, and S. Askew, Virginia Tech, Blacksburg, VA
- 1:15 Dynamics of Weed and Disease Encroachment in Tall Fescue as Impacted by Mowing Height and Fertility Practices.** M. Cutulle\* and J. Derr, Virginia Tech, Virginia Beach, VA

- 1:30 Interaction of Fenoxaprop and Halosulfuron on Herbicide Effectiveness.** A. Rana\* and J. Derr, Virginia Tech, Blacksburg, VA
- 1:45 Evaluation of Mechanical Weed Control Tools in High Residue Corn and Soybean.** R. Bates\*, R. Gallagher, and W. Curran, Penn State, University Park, PA
- 2:00 Mapping the Current and Projected Ranges of Two Swallow-Wort Invasive Vines.** N. Little\*, S. Morse, A. DiTommaso, and L. Milbrath, Cornell University, Ithaca, NY
- 2:15 Break**

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***TUESDAY AFTERNOON JANUARY 5***

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**Special Workshop I:  
WEED SEED-BANKS: DYNAMICS AND  
IMPLICATIONS FOR MANAGEMENT**

LOCATION: Salon 3  
TIME: 2:30 p.m. to 5:15 p.m.  
MODERATOR: Eric Gallandt  
University of Maine,  
Orono, ME

**\*Speaker**

- 2:30 Summer Annual Weed Seed Mortality: Implications for Long-Term Weed Population Dynamics.** J. Teasdale\* and S. Mirsky, USDA-ARS, Beltsville, MD

- 3:00 Giant Foxtail and Velvetleaf Seed Persistence, and Recruitment as Influenced by Tillage and Green Manures.** S. Mirsky\*, D. Mortensen, W. Curran, and A. Hulting, USDA-ARS, Beltsville, MD
- 3:30 Managing Weed Seed Rain.** E. Gallandt\*, University of Maine, Orono, ME
- 4:00 Break**
- 4:15 Weed Community Assembly In a Long-Term Cropping Systems Experiment.** M. Ryan\*, R. Smith, S. Mirsky, D. Mortensen, and R. Seidel, Penn State, University Park, PA
- 4:45 The Weed Seedbank: a Farmer's Perspective.** D. Mortensen\*, C. Mortensen, R. Smith, D. Sandy, and W. Curran, Penn State, University Park, PA

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**TUESDAY AFTERNOON JANUARY 5**

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**Section: VEGETATION MANAGEMENT  
AND RESTORATION**

LOCATION: Salons 5 & 6  
TIME: 2:30 p.m. to 5:30 p.m.  
CHAIR: Randy Probstak  
University of  
Massachusetts  
Amherst, MA  
CHAIR-ELECT: Kirsty Lloyd  
Penn State  
University Park, PA

**\*Speaker**

- 2:30 A Prioritization Process for Invasive Plant Species Management in Pennsylvania State Parks.** A. Gover\*, J. Johnson, K. Lloyd, and J. Sellmer, Penn State, University Park, PA
- 2:45 Suppression of Annual Grasses Along Highway Guiderails.** J. Johnson\*, K. Lloyd, and J. Sellmer, Penn State, University Park, PA
- 3:00 Management of Pale Swallow-Wort Using Mowing and Herbicides in Two Contrasting Habitats.** A. DiTommaso\*, T. Bittner, and L. Milbrath, Cornell University, Ithaca, NY

- 3:15 Kudzu Eradication Program in Pennsylvania.** M. Bravo\* and J. Miller, Pennsylvania Department of Agriculture , Harrisburg, PA
- 3:30 Suppression of Japanese Knotweed with Glyphosate or Triclopyr Applied Sequentially or Following Cutting.** A. Gover\*, J. Johnson, K. Lloyd, and J. Sellmer, Penn State, University Park, PA
- 3:45 Giant Hogweed Eradication Program in Pennsylvania.** M. Bravo\*, M. Polach, and J. Zoschg, Pennsylvania Department of Agriculture, Harrisburg, PA
- 4:00 Break**
- 4:15 Suppression of Mile-A-Minute and Japanese Stiltgrass, and Non-Target Impacts with Preemergence Applications of Pendimethalin, Imazapic, or Sulfometuron.** A. Gover\*, J. Johnson, K. Lloyd, and J. Sellmer, Penn State, University Park, PA
- 4:30 Several Treatment Options for Control of Japanese Stiltgrass in a Woodland.** T. Mervosh\*, J. Ward, and J. Barsky, Connecticut Agricultural Experiment Station, Windsor, CT
- 4:45 Response of Woody Species to Foliar or Cut Surface Applications of MAT28.** J. Johnson\*, K. Lloyd, A. Gover, and J. Sellmer, Penn State, University Park, PA
- 5:00 Suppression of Kochia in the Roadside Right-of-Way Using New Chemistry.** K. Lloyd\*, J. Johnson, and J. Sellmer, Penn State, University Park, PA

5:15 Discussion, Section Business Meeting,  
and Election of Chair-Elect

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**TUESDAY EVENING JANUARY 5**

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**INDUSTRY NIGHT CAP**  
**AND DESSERT**  
**NEWSS / NEASHS SOCIAL**

LOCATION: Salon 4  
TIME: 9:00 p.m. to 11:00 p.m.

**SPONSORED BY:**  
**BASF Corp., Bayer CropScience,**  
**Dow AgroSciences, Monsanto Company,**  
**PBI Gordon, and Syngenta Crop**  
**Protection**

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**WEDNESDAY MORNING JANUARY 6**

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**SYMPOSIUM:**

**MEETING THE CHALLENGES OF FOOD  
PRODUCTION IN AFRICA**

LOCATION: Salon 3  
TIME: 8:45 a.m. to 11:45 a.m.  
MODERATOR: Hilary Sandler  
UMass Cranberry Station  
East Wareham, MA

**Invited Speakers:**

**Keynote:**

**Higher Education Partnerships for Long  
Term Human and Institutional Capacity  
Building in Agriculture and Rural  
Development**  
Teshome Alemneh  
Higher Education for Development  
Africa Initiative  
Washington, DC

**U.S./Africa Institutional Collaborations:  
Recent Experiences at Rutgers' School of  
Environmental and Biological Sciences**

Albert Ayeni  
Rutgers University  
International Research Programs  
New Brunswick, NJ

**Building Bridges in Human, Technology  
and Information to African Agricultural  
Institutions: The case of AAAPD Inc.**

Peter Jeranyama  
UMass Cranberry Station  
East Wareham, MA

**Solving Weed Problems in Africa Would  
Increase Crop Production and Improve the  
Lives of Women**

Leonard Gianessi  
CropLife Foundation  
Washington, DC

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***WEDNESDAY AFTERNOON JANUARY 6***

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**Section: NEASHS PAPERS I**

LOCATION: Dana  
TIME: 1:00 p.m. to 5:00 p.m.  
MODERATOR: Wes Kline  
Rutgers Cooperative  
Extension  
Millville, NJ

**\*Speaker**

**† Student Presentation**

**1:00 Welcoming Remarks.** Donglin Zhang,  
President and Carolyn DeMoranville,  
Program Chair

- 1:15 †Gypsum Releases Soil Nutrients for Lowbush Blueberry Uptake.** J. Santiago\* and J. Smagula, University of Maine, Orono, ME
- 1:30 †Variability in Carotenoid Content and Profiles of Winter Squash Cultigens.** J. Noseworthy\* and J. Loy, University of New Hampshire, Durham, NH
- 1:45 †Production of Winter Sprouting Broccoli in New England.** C. Martin\* and B. Grube, University of New Hampshire, Durham, NH
- 2:00 †Addressing Challenges of a Reduced Tillage Organic Vegetable System: In-Row Weed Control and Fertility Management.** S. Rostampour\*, A. Rangarajan, A. DiTommaso, and C. Mohler, Cornell University, Ithaca, NY
- 2:15 †Natural Resource and Cutting Propagation of *Ilex suaveolens* (Levl.) Loes.** F. Geng\*, D. Zhang, X. Jin, and Z. Li, University of Maine, Orono, ME
- 2:30 †Cold Hardiness of *Ilex glabra* (L.) A. Gary Cultivars from Field Trials and Laboratory Tests.** Y. Sun\* and D. Zhang, University of Maine, Orono, ME
- 2:45 †Jersey Fresh Survey Results for Direct Marketing of Produce in Middlesex County.** W. Hlubik, J. Baculis\*, R. Weidman, M. Bickerton, and J. Santiago, Rutgers Cooperative Extension, North Brunswick, NJ
- 3:00 Break**

- 3:30 Preliminary Results for New Strawberry Cultivars at the NJAES Middlesex County EARTH Center.** W. Hlubik\*, P. Nitzsche, J. Baculis, G. Jelenkovic, M. Bickerton, and D. Specca, Rutgers Cooperative Extension, North Brunswick, NJ
- 3:45 Growth and Physiological Response of *Camellia oleifera* Abel Cultivars to Controlled Drought.** W. Long, D. Zhang\*, Y. Sun, S. Wen, and S. Burnett, University of Maine, Orono, ME
- 4:00 The Rutgers NJAES Master Gardener Program: 25 Years of Outreach and Education.** N. Polanin\*, Rutgers Cooperative Extension, Bridgewater, NJ
- 4:15 An Educational DVD and CD ROM for Sudden Oak Death (*Phytophthora ramorum*).** W. Hlubik\*, R. Weidman, J. Antipan, N. Polanin, D. Smela, and J. Marko, Rutgers Cooperative Extension, North Brunswick, NJ
- 4:30 Chlorination Systems to Control *E. coli* in Irrigation Water.** W. Kline\*, Rutgers Cooperative Extension, Millville, NJ
- 4:45 The Creation and Distribution of an Asian Longhorned Beetle DVD and CD ROM and Invasive Species Education at the NJAES Middlesex County EARTH Center.** W. Hlubik\*, R. Weidman, J. Baculis, M. Bickerton, N. Polanin, G. Hamilton, D. Smela, and J. Marko, Rutgers Cooperative Extension, North Brunswick, NJ

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**WEDNESDAY AFTERNOON JANUARY 6**

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**Section: FRUITS AND VEGETABLES**

LOCATION: Longfellow  
TIME: 1:30 p.m. to 4:45 p.m.  
CHAIR: Robin Bellinder  
Cornell University  
Ithaca, NY  
CHAIR-ELECT: Edith Lurvey  
IR-4 Project  
Geneva, NY

**\*Speaker**

- 1:30 Postemergence Weed Control in Broccoli with a Flowable Formulation of Oxyfluorfen.** B. Majek\*, Rutgers University, Bridgeton, NJ
- 1:45 Indaziflam - A New Herbicide For Weed Control In Fruit, Nut, and Grape Crops.** M. Mahoney\* and D. Unland, Bayer CropScience, Oxford, MD
- 2:00 Winter Annual Weed Management in Peach Orchards.** P. Christoffoleti, M. VanGessel\*, and B. Scott, University of Delaware, Georgetown, DE
- 2:15 Design, Construction, and Evaluation of Two Novel Cultivation Tools.** G. Evans\* and R. Bellinder, Cornell University, Ithaca, NY

- 2:30 The Weed Master: Innovative Physical Weed Control Tools for the Small Farm.** E. Gallandt\*, University of Maine, Orono, ME
- 2:45 Quinclorac for Dodder Control in Cranberries.** B. Majek\*, Rutgers University, Bridgeton, NJ
- 3:00 Break**
- 3:30 Tankmixing Pesticides and Adjuvants with GoalTender in Cabbage.** R. Bellinder\* and G. Evans, Cornell University, Ithaca, NY
- 3:45 Resistance to Photosystem II-Inhibiting Herbicides in Common Lambsquarters from Sugar Beet: A Tale of the (Un)Expected?.** R. Bulcke\*, E. Mechant, T. De Marez, and J. Aper, University of Ghent, Ghent, Belgium
- 4:00 The IR-4 Project: Update on Herbicide Registration (Food Uses).** M. Arsenovic\*, D. Kunkel, and J. Baron, IR-4 Project, Princeton, NJ
- 4:15 Improved Stakeholder Input - Revised IR-4 Project Nomination Process.** E. Lurvey\*, IR-4 Project, Geneva, NY
- 4:30 Discussion, Section Business Meeting, and Election of Chair-Elect**

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**WEDNESDAY AFTERNOON JANUARY 6**

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**Special Workshop II:  
TECHNOLOGY AND EXTENSION**

LOCATION: Salon 4  
TIME: 1:30 p.m. to 4:30 p.m.

**After PowerPoint:  
New Media Options Uncovered and  
Demonstrated for Use in Extension and  
Teaching**

Dwight Lingenfelter and Peg Shuffstall  
Penn State  
University Park, PA

This session will show newer media technologies that can be used for extension or in a classroom. Technologies that will be demonstrated include: PowerPoint with video clips, Adobe Presenter, TurningPoint, Adobe Connect/webinars, Polycom video and voice, SharePoint, eXtension, Twitter, blogs, podcasts, Facebook, YouTube, RSS, and PDAs

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**WEDNESDAY AFTERNOON JANUARY 6**

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**Section: WEED BIOLOGY AND ECOLOGY**

LOCATION: Salons 1 & 2  
TIME: 1:30 p.m. to 3:00 p.m.  
CHAIR: Jennifer D'Appollonio  
University of Maine  
Orono, ME  
CHAIR-ELECT: Richard Smith  
Penn State  
University Park, PA

**\*Speaker**

- 1:30 Applications of *Puccinia punctiformis* for the Biological Control of Canada Thistle.** A. Spangler\*, S. Conaway, and P. Backman, Penn State, University Park, PA
- 1:45 Results from a Pilot Program Using Smolder (*Alternaria destruens*) as a Biological Control Agent for Dodder.** H. Sandler\*, F. Caruso, J. Mika, J. Colquhoun, J. Perry, and J. Cascino, UMass Cranberry Station, East Wareham, MA
- 2:00 Assessing and Evaluating Multifunctionality in Agroecosystems: an Education and Extension Exercise.** R. Smith\*, T. Pisani Gareau, D. Mortensen, and M. Barbercheck, Penn State, University Park, PA

- 2:15 An Experiential Learning Approach to Germination Periodicity.** D. Mortensen\*, M. Ryan, S. Mirsky, and W. Curran, Penn State, University Park, PA
- 2:30 Non-Native Vascular Plant Species Richness in Four Northeastern Cities.** R. Stalter\*, B. Drexler, and A. Brunson, St. Johns University, New York, NY
- 2:45 Discussion, Section Business Meeting, and Election of Chair-Elect**

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**WEDNESDAY AFTERNOON JANUARY 6**

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**Section: TURFGRASS AND PLANT  
GROWTH REGULATORS – I**

LOCATION: Salons 5 & 6  
TIME: 1:45 p.m. to 4:30 p.m.  
CHAIR: Darren Lycan  
Syngenta  
Baldwinsville, NY  
CHAIR-ELECT: Jeffrey Borger  
Penn State  
University Park, PA

**\*Speaker**

- 1:45 Annual Bluegrass Control on Golf Putting Greens via Directed Herbicide Application.** S. Askew\* and M. Goddard, Virginia Tech, Blacksburg, VA
- 2:00 Cumyluron and Metiozolin: Potential New Herbicides for Weed Control on Golf Putting Greens.** B. McNulty\*, M. Goddard, and S. Askew, Virginia Tech, Blacksburg, VA
- 2:15 Goosegrass Control in Fairway Height Annual Bluegrass and Perennial Rye.** S. McDonald\*, Turfgrass Disease Solutions, LLC, Spring City, PA
- 2:30 Indaziflam - A New Preemergence Herbicide for Weed Control in Turf, Ornamentals, and Industrial Areas.** D. Spak\* and D. Myers, Bayer Environmental Science, Raleigh, NC

- 2:45 Applications of Indaziflam for Control of Annual Grasses in Warm-Season Turf.** J. Brosnan\*, G. Breeden, and M. Elmore, University of Tennessee, Knoxville, TN
- 3:00 Break**
- 3:30 Preemergence Smooth Crabgrass Control with Multiple Application Timings.** J. Borger\* and M. Naedel, Penn State, University Park, PA
- 3:45 Seasonal Timing and Temperature Effects on the Efficacy and Cool Season Turfgrass Safety of Amicarbazone.** S. Hart\*, P. McCullough, C. Mansue, and Z. Reicher, Rutgers University, New Brunswick, NJ
- 4:00 Mesotrione for Weed Control in Spring Seeded Hard Fescue.** S. McDonald\* and P. Dernoeden, Turfgrass Disease Solutions, LLC, Spring City, PA
- 4:15 Discussion, Section Business Meeting, and Election of Chair-Elect**

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**WEDNESDAY AFTERNOON JANUARY 6**

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**NEWSS 64<sup>th</sup> ANNUAL BUSINESS MEETING**

LOCATION: Salon 3  
TIME: 4:45 p.m. to 6:00 p.m.

**Call to order:** D. Yarborough

Acceptance of the Minutes from the 63<sup>rd</sup> Annual  
Business Meeting

Necrology Report - M. Bravo

Executive Committee Reports (see handout)

President's Comments - D. Yarborough

Secretary/Treasurer Update - M. Bravo

Audit Committee Report - J. Steffel

Archive Report - D. Kunkel

Awards Committee Reports:

- Distinguished Member - J. Baron
- Outstanding Educator - J. Baron
- Outstanding Researcher - J. Baron
- Outstanding Graduate Student - J. Baron
- Collegiate Weed Contest Winners - R. Keese
- Graduate Student Presentation Awards - J.  
Baron
- Research Poster Contest - P. Stachowski
- Photo Contest - G. Jordan

Other Old Business

Officer Changeover and Presentation of the Gavel

**New Business** - H. Sandler

Resolutions

Nominating Committee Report - R. Keese  
Election of the Vice President

Appointment (2) and Election (3) of the 2010  
Nominating Committee

Resolution Committee Appointments

Weed Contest 2010 - Site Announcement

Announcement: Poster Take Down

**Next Meeting:** January 3-6, 2011  
Renaissance Harborplace  
Baltimore, MD

Adjourn

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***WEDNESDAY EVENING JANUARY 6***

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**NEWSS / NEASHS SOCIAL**

LOCATION: Salon 4  
TIME: 6:00 p.m. to 8:00 p.m.

**Section: NEASHS POSTERS**  
**(Authors Present)**

LOCATION: Salon 7  
TIME: 7:30 a.m. to 8:30 a.m.

**Assessment of Physical Properties and Stonecrop Growth in Two-Inch Depth Green Roof Substrates Amended with Compost and Hydrogel.** M. Olszewski\*, M. Holmes, and C. Young, Temple University, Ambler, PA (1)

**Cranberry Growth and Yield Components are Impacted by Irrigation Water Containing Salt.** C. DeMoranville\*, UMass Cranberry Station, East Wareham, MA (2)

**Performance of Small-Fruited Pumpkin Cultivars in Maine.** D. Handley\* and M. Hutton, University of Maine, Monmouth, ME (3)

**Heirloom Tomato Variety Trial.** C. Percivalle\* and R. Brown, University of Rhode Island, Kingston, RI (4)

**A Soil Fertility Program for Beach Plums.** J. Carleo\* and W. Stiles, Rutgers Cooperative Extension, Cape May, NJ (5)

**Jersey Fresh Survey Results for Direct Marketing of Produce in Middlesex County.** W. Hlubik, J. Baculis\*, R. Weidman, M. Bickerton, and J. Santiago, Rutgers Cooperative Extension, North Brunswick, NJ (6)

**An Educational DVD and CD ROM for Sudden Oak Death (*Phytophthora ramorum*).** W. Hlubik\*, R. Weidman, J. Antipan, N. Polanin, D. Smela, and J. Marko, Rutgers Cooperative Extension, North Brunswick, NJ (7)

**Evaluation of Fungicide Chemistries and Programs for Cucurbit Powdery Mildew Control in 2009.** W. Cowgill\*, A. Wyenandt, K. Holstrum, R. Magron, S. Sollner-Figler, and W. Autio, Rutgers Cooperative Extension, Flemington, NJ (8)

**Yellow Vine Syndrome of Cranberry in Massachusetts: HPLC Analysis of Xanthophylls Cycle.** L. Chou\*, N. Geh, S. Cederlund, P. Jeranyama, C. DeMoranville and H.J.M. Hou, Univ. of Massachusetts, Dartmouth, MA (9)

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**THURSDAY MORNING JANUARY 7**

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**Section: TURFGRASS AND PLANT  
GROWTH REGULATORS – II**

LOCATION: Salons 1 & 2  
TIME: 8:30 a.m. to 11:15 a.m.  
CHAIR: Darren Lycan  
Syngenta  
Baldwinsville, NY  
CHAIR-ELECT: Jeffrey Borger  
Penn State  
University Park, PA

**\*Speaker**

- 8:30 Tenacity-Selective Grass and Broadleaf Control in Lawns and Sports Fields.** D. Lycan\*, M. Agnew, J. James, D. Mosdell, and T. Woods, Syngenta, Baldwinsville, NY
- 8:45 Selective Grass Weed Control in Turf with Metamifop.** S. Askew\* and M. Goddard, Virginia Tech, Blacksburg, VA
- 9:00 Broadleaf Weed Control and Cool-Season Turfgrass Safety with Aminocyclopyrachlor Applied on a Fertilizer Granular.** C. Mansue\* and S. Hart, Rutgers University, New Brunswick, NJ
- 9:15 Canada Thistle Control in First Year Hard Fescue.** S. McDonald\*, Turfgrass Disease Solutions, LLC, Spring City, PA
- 9:30 New Technology for Turfgrass Weed Science.** P. McCullough\*, C. Waltz, A. Martinez, and W. Hudson, University of Georgia, Griffin, GA
- 9:45 Weed Control and Cool Season Turfgrass Response to Metamifop.** S. Alea\*, S. Hart, and C. Mansue, Rutgers University, New Brunswick, NJ
- 10:00 Break**
- 10:30 Herbicide Combinations to Improve Visibility and Golf Ball Advancement in Fine Fescue Secondary Roughs.** A. Post\*, S. McDonald, and S. Askew, Virginia Tech, Blacksburg, VA

**10:45 Postemergence Herbicide Mixtures for Star-of-Bethlehem Control in Cool-Season Turf.** G. Breeden\*, J. Brosnan, G. Armel, and J. Vargas, University of Tennessee, Knoxville, TN

**11:00 Postemergence Control of Japanese Stiltgrass in Tall Fescue.** S. McDonald\*, Turfgrass Disease Solutions, LLC, Spring City, PA

**11:15 Adjourn**

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***THURSDAY MORNING JANUARY 7***

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**Section: AGRONOMY**

LOCATION: Salon 3  
TIME: 8:30 a.m. to 12:00 p.m.  
CHAIR: Grant Jordan  
A.C.D.S. Research, Inc.  
North Rose, NY  
CHAIR-ELECT: Bryan Dillehay  
Monsanto Co.  
State College, PA

**\*Speaker**

**8:30 Determination of Ground Cover in Cover Crop Systems Using Open Source Image Analysis Tools.** E. Nord\*, W. Curran, and D. Mortensen, Penn State, University Park, PA

- 8:45 Discovery of Significant Infestation of Goatsrue in McKean County, Pennsylvania.** M. Bravo\*, J. Miller, and J. Zoschg, Pennsylvania Department of Agriculture, Harrisburg, PA
- 9:00 Weedy Pastures: Pass the Butter and Mustard to the Horses and Pigs.** D. Lingenfelter\* and W. Curran, Penn State, University Park, PA
- 9:15 Winter Grain/Corn Double Crop Forage Production System Effects on Weed Dynamics.** J. Jemison\*, University of Maine, Orono, ME
- 9:30 Control of Italian Ryegrass in Winter Wheat with PowerFlex and Crop Safety to Double-Crop Soybeans.** B. Olson\*, B. Haygood, and L. Walton, Dow AgroSciences LLC, Geneva, NY
- 9:45 Capreno (Thiencarbazone-methyl + Tembotrione + Isoxadifen-ethyl): A New Herbicide for Grass and Broadleaf Weed Control in Corn.** M. Mahoney\*, J. Hora, G. Simkins, B. Philbrook, D. Lamore, and J. Bloomberg, Bayer CropScience, Oxford, MD
- 10:00 Break**
- 10:30 Saflufenacil for Annual Broadleaf Weeds in Corn.** R. Hahn\*, P. Stachowski, and R. Richtmyer III, Cornell University, Ithaca, NY
- 10:45 Optimum® GAT® Corn - Herbicide Programs for the Northeastern States.** D. Saunders\* and D. Ganske, DuPont, Johnston, IA

- 11:00 Optimum® GAT® Soybeans -  
Herbicide Programs for the  
Northeastern States.** D. Saunders\* and  
D. Ganske, DuPont, Johnston, IA
- 11:15 New Tools for the Management of  
Glyphosate-Resistant Horseweed in  
Full-Season No-Till Soybeans.** R. Ritter\*  
and J. Ikley, University of Maryland,  
College Park, MD
- 11:30 Assessing Some Options for the  
Chemical Control of Selected Cover  
Crops in No-Till Corn and Soybean.** W.  
Curran\* and D. Lingenfelter, Penn State,  
University Park, PA
- 11:45 Discussion, Section Business Meeting,  
and Election of Chair-Elect**

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**THURSDAY MORNING JANUARY 7**

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**Section: ORNAMENTALS**

LOCATION: Salon 4  
TIME: 8:30 a.m. to 12:00 p.m.  
CHAIR: Todd Mervosh  
Connecticut Agricultural  
Experiment Station  
Windsor, CT  
CHAIR-ELECT: Greg Armel  
University of Tennessee  
Knoxville, TN

**\*Speaker**

- 8:30 Update on 2009 Weed Science Research in the IR-4 Ornamental Horticulture Program.** C. Palmer\*, J. Baron, E. Veal, and E. Lurvey, IR-4 Project, Princeton, NJ
- 8:45 Using Growth Regulator Bonzi on Rooted Cuttings of Rhododendron.** S. Barolli\* and N. Zeka, Imperial Nurseries, Granby, CT
- 9:00 Postemergence Weed Control in Actively Growing Conifers.** J. Ahrens\* and T. Mervosh, Connecticut Agricultural Experiment Station, Windsor, CT
- 9:15 Preemergence Weed Management in Spring-Flowering Bulbs.** J. Derr\*, Virginia Tech, Virginia Beach, VA

- 9:30 Fate of Pendimethalin in a Shrub Canopy.** J. Altland\* and D. Richard, USDA-ARS, Wooster, OH
- 9:45 Response of Field and Container-Grown Herbaceous Ornamentals to Freehand (Dimethenamid-p+Pendimethalin).** A. Senesac\*, Cornell Cooperative Extension, Riverhead, NY
- 10:00 Break**
- 10:30 Tower (Dimethenamid-p) Safety and Efficacy in Nursery Crops.** J. Neal and D. Little\*, North Carolina State University, Raleigh, NC
- 10:45 Indaziflam and Oxadiazon Combinations for Weed Control in Containers.** J. Neal and K. Rorem\*, North Carolina Department of Agriculture, Castle Hayne, NC
- 11:00 Weed Control and Ornamental Tolerance with Indaziflam.** A. Parker\*, D. Myers, and D. Spak, Bayer Environmental Science, Clayton, NC
- 11:15 Assessing the Safety of Field and Container Grown Ornamentals to Select Herbicides.** B. Koepke-Hill\*, G. Armel, W. Klingeman, J. Vargas, P. Flanagan, J. Beeler, and M. Halcomb, University of Tennessee, Knoxville, TN
- 11:30 Section Business Meeting and Election of Chair-Elect**
- 11:35 IR-4 Discussion of Ornamental Projects.** C. Palmer, IR-4 Project, Princeton, NJ

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**THURSDAY MORNING JANUARY 7**

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**Section: NEASHS PAPERS II**

LOCATION: Salons 5 & 6  
TIME: 10:30 a.m. to 12:00 p.m.  
MODERATOR: Jen Carleo  
Rutgers Cooperative  
Extension  
Millville, NJ

**\*Speaker**

- 10:30 Using Delayed Cooling to Prevent Chilling Disorders in 'Honeycrisp' Apples.** R. Moran\*, University of Maine, Monmouth, ME
- 10:45 Impacts of Rolled Cereal Rye Seeding Rates and Fertility Effects on Weed Suppression and Community Composition.** L. Hunsberger\* and M. Ryan, University of Maryland, Snow Hill, MD
- 11:00 The Effect of Mulch Color and Thrips Population on Size and Quality of Sweet Onion.** T. Elkner\*, Penn State, University Park, PA

- 11:15 Performance of Five Early Fuji Cultivars in New Jersey.** W. Cowgill\*, W. Autio, R. Magron, S. Sollner-Figler, Rutgers Cooperative Extension, Flemington, NJ
- 11:30 Vegetative Growth Response of “Chandler” Strawberry to Foliar Applications of Trinexapac-ethyl.** D. Handley\* and R. Moran, University of Maine, Monmouth, ME
- 11:45 Yellow Vine Syndrome of Cranberry in Relation to Nutrition Imbalance, Water Stress, and Photosynthesis.** Z. Wei, F. Zhang, L. Chou, P. Jeranyama, C. DeMoranville, and H. Hou\*, University of Massachusetts, Dartmouth, MA
- 12:00 Adjourn**

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**INDEX OF HERBICIDES MENTIONED IN  
THE 2010 PROGRAM**

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<u>Common Name</u>	<u>Trade Name</u>
aminopyralid .....	Milestone
atrazine.....	Aatrex, many
clethodim .....	Arrow, Envoy, Prism, Select
clopyralid .....	Lontrel, Stinger, Transline
dimethenamid .....	Outlook, Tower
dithiopyr .....	Dimension
diuron.....	Karmex
fenoxaprop.....	Acclaim, Horizon, others
flumioxazin.....	Chateau, Valor
glufosinate .....	Finale, Ignite, Rely
glyphosate .....	Glyphomax, Glyphos, Roundup
.....	Touchdown, others
halosulfuron.....	Sandea, SledgeHammer
isoxaben .....	Gallery
mefluidide .....	Embark, Vistar
mesotrione.....	Callisto, Tenacity
metolachlor .....	Dual, Pennant
metribuzin .....	Sencor
metsulfuron.....	Ally, Cimarron, Escort, others
norflurazon .....	Solicam, Zorial
oryzalin .....	Surflan
oxyfluorfen .....	Goal, GoalTender
pendimethalin .....	Prowl, Pendulum
prodiamine.....	Barricade, Factor
quinclorac .....	Drive, Facet, Paramount
saflufenacil.....	Sharpen, Treevix, Kixor
simazine .....	Princep
s-metolachlor.....	Dual Magnum, Medal, others
sulfentrazone.....	Authority, Dismiss, Spartan
sulfosulfuron .....	Outrider, Maverick
tribenuron .....	Express
triclopyr .....	Garlon

## COMBINATION PRE-MIX HERBICIDES

dimethenamid-P + pendimethalin.....FreeHand  
rimsulfuron + chlorimuron ethyl..... Traverse  
rimsulfuron + chlorimuron ethyl + flumioxazin..Diligent  
rimsulfuron + chlorimuron ethyl + mesotrione Instigate  
thifensulfuron + tribenuron methyl + chlorimuron ethyl  
.....Freestyle

## PLANT GROWTH REGULATORS

### Common Name

### Trade Name

ethephon..... Ethrel, Florel  
paclobutrazol .....Bonzi, Clipper, Trimmer  
trinexapac-ethyl ..... Palisade, Primo

## EXPERIMENTAL HERBICIDES

BAY MKH 3586 ..... Bayer  
BAY 314666 ..... amicarbazone; Bayer  
DPX-KJM44 ..... DuPont  
DPX-MAT28 ..... DuPont  
DPX-QKC88 ..... DuPont

Information on herbicide common and trade names used in the program was obtained from **WSSA Herbicide Handbook, 9<sup>th</sup> Edition 2007, edited by S.A. Senseman,** and is provided as a courtesy to meeting attendees.

Trade names may change; interested persons should confirm active trade names with company representatives if desired.

### Personal Time Schedule

Time	Tuesday	Wednesday	Thursday
8:00			
8:15			
8:30			
8:45			
9:00			
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5:45			
6:00			
6:30			

## **NEWSS PAST PRESIDENTS**

GILBERT H. AHLGREN.....	1947-49
ROBERT D. SWEET.....	1949-50
HOWARD L. YOWELL.....	1950-51
STEPHEN M. RALEIGH.....	1951-52
CHARLES E. MINARIK.....	1952-53
ROBERT H. BEATTY.....	1953-54
ALBIN O. KUHN.....	1954-55
JOHN VAN GELUWE.....	1955-56
L. DANIELSON.....	1956-57
CHARLES L. HOVEY.....	1957-58
STANFORD N. FERTIG.....	1958-59
GORDON UTTER.....	1959-60
E. M. RAHN.....	1960-61
LAWRENCE SOUTHWICK.....	1961-62
DONALD A. SHALLOCK.....	1962-63
ANTHONY J. TAFURO.....	1963-64
ROBERT A. PETERS.....	1964-65
GIDEON D. HILL.....	1965-66
RICHARD D. ILNICKI.....	1966-67
JOHN E. GALLAGHER.....	1967-68
JOHN A. MEADE.....	1968-69
HOMER M. LEBARON.....	1969-70
JOHN F. AHRENS.....	1970-71
GEORGE H. BAYER.....	1971-72
ARTHUR BING.....	1972-73
RALPH HANSEN.....	1973-74
WALTER A. GENTNER.....	1974-75
HENRY P. WILSON.....	1975-76
RICHARD J. MARRESE.....	1976-77
C. EDWARD BESTE.....	1977-78
JAMES D. RIGGLEMAN.....	1978-79
JAMES V. PAROCHETTI.....	1979-80
M. GARRY SCHNAPPINGER.....	1980-81
RAYMOND B. TAYLORSON.....	1981-82
STEPHAN DENNIS.....	1982-83
THOMAS L. WATSCHKE.....	1983-84
JAMES C. GRAHAM.....	1984-85
RUSSELL R. HAHN.....	1985-86
EDWARD R. HIGGINS.....	1986-87
MAXWELL L. MCCORMACK, JR.....	1987-88
ROY R. JOHNSON.....	1988-89
STANLEY F. GORSKI.....	1989-90
JOHN B. DOBSON.....	1990-91
PRASANTA C. BHOWMIK.....	1991-92

STANLEY W. PRUSS .....	1992-93
RONALD L. RITTER .....	1993-94
WAYNE G. WRIGHT.....	1994-95
BRADLEY A. MAJEK .....	1995-96
THOMAS E. VRABEL .....	1996-97
JOSEPH C. NEAL.....	1997-98
DAVID B. VITOLO.....	1998-99
A. RICHARD BONANNO .....	1999-00
BRIAN D. OLSON .....	2000-01
JEFFREY F. DERR.....	2001-02
DAVID J. MAYONADO .....	2002-03
D. SCOTT GLENN .....	2003-04
ROBIN R. BELLINDER .....	2004-05
TIMOTHY E. DUTT .....	2005-06
WILLIAM S. CURRAN.....	2006-07
RENEE J. KEESE .....	2007-08
JERRY J. BARON.....	2008-09

**NOTES**

## NOTES

**NOTES**