



67<sup>TH</sup> CORN & SORGHUM SEED RESEARCH CONFERENCE  
42<sup>ND</sup> SOYBEAN SEED RESEARCH CONFERENCE • SEED EXPO 2011

# CSS 2012 & SEED EXPO

DECEMBER 4-7, 2012 | CHICAGO, IL

## *Passport*

PROGRAM OF EVENTS

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# Welcome!

**WE ARE EXCITED TO HAVE YOU  
JOIN US FOR THE CSS 2012 & SEED EXPO.**

Our planning committee has been hard at work to develop an excellent program that offers something for everyone. If you have any questions or need assistance, please stop by the registration desk and an ASTA team member will be happy to assist you.

## HOTEL INFORMATION

Hyatt Regency Chicago  
151 East Wacker Drive  
Chicago, IL 60601  
(T) 312.565.1234

## REGISTRATION HOURS

*Located in the Grand Ballroom Foyer area*

**MONDAY (DEC. 3).....8 am – 5 pm**

**TUESDAY (DEC. 4) .....8 am – 5 pm**

**WEDNESDAY (DEC. 5) .....7 am – 5 pm**

**THURSDAY (DEC. 6).....7 am – 5 pm**

**FRIDAY (DEC. 7) .....7 – 11 am**

## GENERAL INFO

Badges must be displayed for admittance to all ASTA events. Conference sessions are included with the full conference and one-day registration types. Day passes allow access to the Seed Expo only. Meeting room locations are in the East Tower and West Tower of the Hyatt, marked (E) and (W), respectively in the program. All meetings are open to any attendee unless listed as “closed.”

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Don't miss your chance to win a **free registration** for **CSS 2013 & Seed Expo**. Just take your ticket (see page 37) and drop it in the gold cage in the center café area of the exhibit hall before **Wednesday (Dec. 5)** at 2 pm.

# NEW SHOW TECHNOLOGY

## ENHANCE YOUR SEED EXPO 2012 EXPERIENCE WITH OUR FREE MOBILE APP!

Efficiently plan your visit to SEED EXPO 2012 while on the go with our official mobile apps. The native iPhone/iPad App is available on the iTunes App Store, and the Android App on Google Play. In addition, the SEED EXPO ChirpE Mobile Web App provides real-time access to the event info and updates to all internet enabled smartphones.



### EVENT INFORMATION AT YOUR FINGERTIPS!



View the complete Exhibitor List, and search for exhibitors by keyword and categories.



Locate your favorite booths on the Interactive Floor Plan, and download your personalized walking map.



Build your Personalized Planner, and sync it with your profile on the website in real-time.



Tap into helpful information about Chicago, IL, including transportation options and much more.



Read #ASTACSS tweets from your fellow attendees, as well as from the exhibiting companies.



Tune into exclusive updates and notifications from the SEED EXPO show management.

## NEW SHOW TECHNOLOGY CONTINUED

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### JOIN THE CSS ONLINE COMMUNITY!

ASTA has made it easier to connect than ever! Our new mobile app provides a quick and easy directory to all Seed Expo exhibitors, and the Networking tab of the app takes you to our new online “community,” where you can easily find others with interests that match your needs. You can use the online community to find recommendations for people you should meet, set appointments, and create a personal itinerary for your exhibit hall visits, personal appointments and session schedule. This lets you get the most out of your conference attendance – before, during and after your week in Chicago.

You can also access the community by going to <http://css2012.asta.pathable.com/>, then “Sign In” in the gray navigation bar. If you have already created your profile, you can simply enter your email and password to access the community. If you have not already created your profile, just click ‘Help/Forgot Password,’ enter your email address, and your access link will be emailed to you.

We hope you find these new tools a much easier, faster way to find exhibitors and other attendees this year, and to create your own personal itinerary of appointments and sessions!



# MONDAY AT-A-GLANCE

DEC. 3

8 am - 5 pm	Seed Expo Set-up: Large Equipment Riverside Center (E)
8 am - 5 pm	Networking Lounge Grand Ballroom E/F (W)
8:30 am - 3:30 pm	ISF SAT Meeting (Closed) Columbian (W)

# TUESDAY AT-A-GLANCE

## DEC. 4

8 am - 5 pm	Registration Grand Ballroom Registration (E)
8 am - 5 pm	Networking Lounge Grand Ballroom E/F (W)
8 am - 5 pm	Seed Expo Set-up: Small Equipment Riverside Center (E)
8 am - 12 pm	Corn Variety Identification (Closed) Wrigley (W)
11 am - 4:30 pm	STEC/Stewardship Working Group (Closed) Skyway Suite 261 (E)
11 am - 12 pm	Corn Basic Research Committee New Orleans (W)
11 am - 12:30 pm	Phytosanitary Issues Grand Suite 3 (E)
12 - 4 pm	Seed Association of the Americas Board Meeting (Closed) Grand Suite 2B (E)
4 - 5 pm	Seed Association of the Americas Open Meeting Grand Suite 3 (E)
4 - 9 pm	Germplasm Enhancement of Maize Wrigley (W)
4:30 - 6 pm	Exhibitor Marketplace Riverside Center (E)
6 - 7:30 pm	Columbus Hall Grand Opening Columbus Hall (E)

### Phytosanitary Issues

**11 am - 12:30 pm | Dec. 4**

*Grand Suite 3 (E)*

- I. Welcome & Introductions
- II. Update on Brazil's Normative 36
- III. Update on international standards
- IV. Report on the US/Mexico cross border workshop, Nogales, Oct 3-4
- V. Phytosanitary issues management in APHIS
- VI. Phytosanitary issues management summary: China, Vietnam, other
- VII. National Seed Health System update: new methods approved

# WEDNESDAY AT-A-GLANCE

DEC. 5

6:15 - 8 am	Fellowship Breakfast (Invitation Only) Truffles (W)
7 am - 5 pm	Registration Grand Ballroom Registration (E)
7 - 8 am	Speaker's Breakfast (Closed) Grand Suite 3 (E)
7:30 am - 5:30 pm	Seed Expo 2012 Riverside Center (E)
8 am - 5 pm	Networking Lounge Grand Ballroom E/F (W)
8 - 10 am	Patent Expiration: The Accord (IPR Committee) Grand Ballroom A/B (E)
8:30 am - 12 pm	GEM Network Wrigley (W)
10 am - 12 pm	Soybean Super Session I: Decades Study: The 90-Year Revolution of Soybeans Grand Ballroom A/B (E)
11:30 am - 1:30 pm	Lunch Concessions in the Seed Expo Riverside Center (E)

# WEDNESDAY AT-A-GLANCE

DEC. 5

12:30 - 1:30 pm	Organic Seed Committee Wrigley (W)
12:30 - 2 pm	Seed Industry Relations Grand Suite 3 (E)
1 - 5 pm	Maize Crop Germplasm Committee Plaza Ballroom A (E)
1:30 - 3 pm	Soybean Super Session II: Resistance is Futile: The New Herbicide Toolbox Grand Ballroom A/B (E)
3:30 - 5 pm	Seed Treatment and Environment Committee (STEC) Grand Suite 3 (E)
3:30 - 5 pm	Genomic Selection in Corn, Sorghum and Wheat Grand Ballroom A/B (E)
4:30 - 5:30 pm	Seed Expo Reception Riverside Center (E)

### Patent Expiration: The Accord: GEMAA (IPR Committee)

**8 - 10 am | Dec. 5**

*Grand Ballroom A/B (E)*

- I. Welcome & Introductions
- II. The Accord: GEMAA open for signature
- III. Overview of the Data Use and Compensation Agreement

ASTA and BIO announced on October 31 that the Generic Event Marketability and Access Agreement (GEMAA) is now open for signature. The GEMAA is a landmark agreement created within the private sector-driven framework, referred to as The Accord. The Accord was developed to address the transition of commercial biotechnology events as they go off patent.

The GEMAA is intended to benefit the entire agriculture value chain by ensuring the maintenance of foreign regulatory authorizations and stewardship obligations following the expiration of patents for biotechnology events utilized in seed varieties.

### **SOYBEAN SUPER SESSION I:** **Decades Study: The 90-Year Revolution** **of Soybeans**

**10 am - 12 pm | Dec. 5**

*Grand Ballroom A/B (E)*

**MODERATOR:** Reid Palmer, Iowa State University

#### **80 Years of Soybean Breeding: Changes in Physiology** **and Nitrogen Use**

*Shawn Casteel, Purdue University*

#### **B(reeder) x A(ronomist) Interactions: Exploiting** **Synergies to Push Soybean Yield**

*Shawn Conley, University of Wisconsin*

#### **Breeding Ramifications of the Genetic Gain Study**

*Brian Diers, University of Illinois*

### Organic Seed Committee

**12:30 - 1:30 pm | Dec. 5**

*Wrigley (W)*

- I. Welcome & Introductions
- II. Report on Organic Seed Finder Database
- III. Report and Update on ASTA/AMSAC Border Workshop
- IV. USDA-National Organic Program and National Organic Standards Board Meeting Report and Discussion
  - NOP Draft Guidance
  - GMO Ad hoc Subcommittee Discussion Document  
GMOs and Seed Purity



### Seed Industry Relations (SIR)

**12:30 - 2 pm | Dec. 5**

*Grand Suite 3 (E)*

- I. Welcome & Introductions
- II. Report on OECD seed schemes issues including status with Turkey's requirements for ISTA orange tags; EU acceptance of sewn vs. stapled tags; report from last OECD annual meeting and upcoming meetings
- III. USDA AMS issues including PVP progress on seed conditioning and status of the genetic testing program
- IV. Association reports: AOSA, AOSCA, AASCO
- V. Report on California's Prop 37 food biotech labeling provision
- VI. Report on the MOU between ASTA and the China National Seed Association

### SOYBEAN SUPER SESSION II: Resistance is Futile: The New Herbicide Toolbox

**1:30 - 3 pm | Dec. 5**

*Grand Ballroom A/B (E)*

**MODERATOR:** Aaron Hager, University of Illinois

#### **Herbicide Resistance Update and Overview**

*Aaron Hager, University of Illinois*

#### **PANEL DISCUSSION: Herbicide Resistant Weeds & Solutions through New Traits/Technology**

**PANELISTS INCLUDE:**

- **Roundup Ready Xtend**, *Matt Helms, Monsanto Company*
- **Enlist**, *Damon Palmer, Dow AgroSciences*
- **New Liberty Link**, *Jon Fischer, Bayer CropScience*
- **DuPont's Perspectives on Managing Weed Resistance**, *David Saunders, DuPont Pioneer*
- **MGI Herbicide Tolerance**, *Rex Wichert, Syngenta*

### Seed Treatment & Environment Committee (STEC)

**3:30 - 5 pm | Dec. 5**

*Grand Suite 3 (E)*

- I. Welcome & Introductions
- II. Report and Review of ASTA/CLA Seed Treatment Stewardship Guide and Outreach
- III. Presentation on CropLife Foundation's Study:  
**Seed Treatment's Role In Modern Crop Production  
In The United States**
- IV. ISF New Seed Applied Technologies Committee Update
- V. ASTA Updates on recent Seed Treatment Activity
- VI. CropLife America Working Groups Update

### **NEW! Genomic Selection in Corn, Sorghum and Wheat**

**3:30 - 5 pm | Dec. 5**

*Grand Ballroom A/B (E)*

**MODERATOR:** Seth Murray, Texas A&M University

#### **Genomic Selection in Maize and Wheat**

*Elliot Heffner, DuPont Pioneer*

#### **Genomic Selection and Application to Grain, Forage and Bio-energy Sorghum**

*Jianming Yu, Kansas State University*

#### **Genomic Selection and Genotyping by Sequencing in Wheat**

*Jesse Poland, USDA-ARS Kansas*

# YOU WON'T WANT TO MISS...

## NEW PRODUCT SHOWCASE

**1 - 4 pm | Dec. 6**

*Central Café Area of Main Show Floor*

Come down to Seed Expo 2012 between 1 and 4 pm on Thursday, December 6 to hear the latest and greatest in new products and services for the seed industry. Presenters from Valent USA to Advanced Sort Industries and more will highlight their new advancements, with VISA gift card giveaways between each 15 minute presentation. Don't miss it – the showcase will be located in the central café area of the Seed Expo main show floor.

## SEED EXPO RECEPTION

**4:30 - 5:30 pm | Dec. 5**

*Exhibit Hall*

The Seed Expo Reception will be held from 4:30 pm to 5:30 pm on Wednesday evening inside the exhibit hall. Open bars and refreshments abound for the great chance to network with attendees and exhibitors in a relaxed environment.

# THURSDAY AT-A-GLANCE

DEC. 6

7 am - 5 pm	<b>Registration</b> Grand Ballroom Registration (E)
7:30 - 8:30 am	Seed Expo Exhibitors Meeting/ASTA Associates Division Meeting Grand Suite 3 (E)
7:30 am - 5 pm	<b>Seed Expo 2012</b> Riverside Center (E)
8 am - 12 pm	Networking Lounge Grand Ballroom E/F (W)
8 - 10 am	<b>General Session: The Reality of Today</b> Grand Ballroom A/B (E)
9 - 11 am	Sorghum and Millet Germplasm Committee Wrigley (W)
9:30 - 10:30 am	<b>Spouse/Guest Breakfast</b> Monarch Suites (34th floor, East Tower)
10 am - 12 pm	Business of the Seed Business: Building Human Capital Grand Ballroom C/D North (E)
10 am - 12 pm	<b>Biotechnology Committee</b> Grand Ballroom A/B (E)
11:30 am - 1:30 pm	Lunch Concessions in the Seed Expo Riverside Center (E)

# THURSDAY AT-A-GLANCE

DEC. 6

12 pm - 2 pm	National Council of Commerical Plant Breeders Board of Directors (Closed) Wrigley (W)
1 - 4 pm	Seed Expo 2012: New Product Showcase Riverside Center
1 - 4 pm	Extension Soybean Specialists Plaza Ballroom B (E)
1:30 - 3 pm	Corn Session I: Agronomy of Precision Agriculture Grand Ballroom A/B (E)
1:30 - 3 pm	Business of the Seed Business: Marketing the Seed Industry Story Grand Ballroom C/D North (E)
3 - 4:30 pm	Corn & Sorghum Session I: From the Data Cloud to the Farm Grand Ballroom A/B (E)
3 - 4 pm	Soybean Program Planning Committee Grand Suite 2A (E)
4 pm - 5:30 pm	FuSE (Future Seed Executives) Meeting Wrigley (W)
4:30 pm - 5:45 pm	Bioenergy in Sorghum Grand Suite 3 (E)

### Seed Expo Exhibitors Meeting/ ASTA Associates Division Meeting

**7:30 - 8:30 am | Dec. 6**

*Grand Suite 3 (E)*

- I. Call Meeting to Order
- II. Welcome & Introductions
- III. Financial Update: New ASTA Budget Process
- IV. CSS 2012 & Seed Expo Feedback
  - A. New Show Technologies
  - B. Day Passes
  - C. Tabletop Exhibits
  - D. Meeting Suites
  - E. Timing
  - F. Freeman Service
  - G. Open Discussion: Feedback on Seed Expo 2012
- V. New Business
  - A. New Updates to Hyatt Regency Chicago Hotel
  - B. Vegetable & Flower Seed Conference
  - C. 130th Annual Convention
  - D. Seed Expo 2013 Renewals



### GENERAL SESSION: Reality of Today

**8 - 10 am | Dec. 6**

*Grand Ballroom A/B (E)*

MODERATOR: Lou Buice, Golden Acres Genetics, Ltd.

#### **CropLife Foundation's Study: Seed Treatment's Role In Modern Crop Production In The United States**

*Ray Knake, CropLife Foundation*

#### **The Private Sector as a Partner and Driver of Solutions for Sustainable Agriculture**

*Mathias Kremer, Bayer CropScience*

#### **Ag Markets & Trends Update**

*Dan Basse, AgResource Company*

## THURSDAY CONTINUED

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### **NEW SESSION TRACK: Business of the Seed Business Building Human Capital**

**10 am - 12 pm | Dec. 6**

*Grand Ballroom C/D North (E)*

**MODERATOR:** Jay Akridge, Purdue University

#### **Plans and Partnership**

*Jay Akridge, Purdue University*

#### **Leveraging Distance Education Programs to Train the Next Generation of Agronomists**

*Ken Moore, Iowa State University*

#### **Developing Tomorrow's Plant Breeders**

*Wayne Smith, Texas A&M University*

## Biotechnology Committee

**10 am - 12 pm | Dec. 6**

*Grand Ballroom A/B (E)*

- |  |  |
|--|--|
| I. Call Meeting to Order                           | Keith Newhouse                                   |
| II. Welcome & Introductions                        | Keith Newhouse                                   |
| A. Anti-trust Compliance Policy                    |  |
| B. Motion to Adopt Agenda                          |  |
| C. Motion to Approve Minutes                       |  |
| III. LLP Initiatives--Panel                        |  |
| • Global Alliance for Agriculture<br>Biotech Trade | Sarah Lukie, CLI                                 |
| • SAA/CLI LLP Initiative                           | Diego Rissso, SAA                                |
| • Canada LLP Policy                                | Patty Townsend, CSTA<br>(tent)                   |
| • ISF AP Working Group                             | Bernice Slutsky, ASTA                            |
| IV. Value Chain MOU                                | Cathy Enright &<br>Andy Lavigne (or<br>NCGA/ASA) |
| V. New Breeding Technologies                       | Speaker from Dow                                 |
| VI. Adjourn  |  |

### CORN SESSION I:

### Agronomy of Precision Agriculture

**1:30 - 3 pm | Dec. 6**

*Grand Ballroom A/B (E)*

MODERATOR: Chris Boomsma, Dow AgroSciences

#### **Hot Topics in Precision Ag**

*Randy Taylor, Oklahoma State University*

#### **Application of Precision Ag Technologies in the Field**

*Nathaniel Hartsock, John Deere*

#### **Can Individual Hybrids be Spatially Managed for Density, Nitrogen and Water?**

*John Shanahan, DuPont Pioneer*

### **Business of the Seed Business: Marketing the Seed Industry Story**

**1:30 - 3 pm | Dec. 6**

*Grand Ballroom C/D North (E)*

MODERATOR: Katie Sauer, Monsanto Company

#### **A Seed Company's Social Media Journey**

*Ryan Parkin, Beck's Hybrids*

#### **Social Media Best Practices**

*Laura Cunningham, Latham Hi-Tech Seeds*

## THURSDAY CONTINUED

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### **CORN AND SORGHUM SESSION I: From the Data Cloud to the Farm**

**3 - 4:30 pm | Dec. 6**

*Grand Ballroom A/B (E)*

MODERATOR: Craig Nelson, BioDiagnostics, Inc.

#### **Setting up BGI and Dealing with Next-gen Sequencing Data**

*Harry Foxwell, Oracle*

#### **Dealing with DNA Big Sequencing Data and/or Specific Genome Sequences**

*Martin Shumway, National Center for Biotechnology  
Information*

### Soybean Program Planning Committee

**3 - 4 pm | Dec. 6**

*Grand Suite 2A (E)*

- I. Welcome & Introductions
- II. Outgoing Chairperson Report
- III. Conference Update
  - Evaluation of 42nd Soybean Seed Research Conference
  - Planning Meeting, March 7 & 8, 2013
  - Recognition of Program Chair
- IV. Welcome and introduction of 2013 program
- V. Overview of 2013 Program Planning Process
  - Program Format Discussion
  - Discuss Theme Possibilities
  - Speaker/Topic Information Requests: Deadline is February 15, 2013 (send to [jcrouse@amseed.org](mailto:jcrouse@amseed.org))

### FuSE (Future Seed Executives) Meeting

**4 - 5:30 pm | Dec. 6**

*Wrigley (W)*

- I. FuSE Committee Business & Activities Update
  - a. Welcome & Introductions
  - b. Motion to Adopt Agenda
  - c. Anti-trust Compliance Policy
  - d. 2012-13 FuSE activities review and forecast
- II. Poster Contest Awards – sponsored by DowAgroSciences
- III. Management Skills Committee Update
- IV. How to Become a Future Seed Executive

Guest speaker: Suresh K. Prabhakaran, Global Business Unit Business Learning Leader, DAS

*Business Learning: 70% Real experience, application & training; 20% Coaching; 10% Formal training*

  - Goal Setting & Performance Planning
  - Strengths Based Leadership
  - Personality & Leadership Styles
  - Project Management Skills
  - Team Dynamics
  - Conflict Resolution
- V. Door Prize Drawing
- VI. New topics/Issues
- VII. Adjourn



### **Bioenergy in Sorghum**

**4:30 - 5:45 pm | Dec. 6**

*Grand Suite 3 (E)*

MODERATOR: Charles Miller, Chromatin, Inc.

#### **Introduction and Industry Perspective**

*Charles Miller, Chromatin, Inc.*

#### **Sorghum as a Feedstock for Next-Generation Biofuels**

*Ismail Dweikat, University of Nebraska*

#### **Genetic Dissection of Bioenergy Traits in Sorghum**

*Patrick Brown, Texas A&M University*

# FRIDAY AT-A-GLANCE

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DEC. 7

7 - 11 am

Registration

Grand Ballroom Registration (E)

8 - 10:45 am

Corn & Sorghum Session II:

Hold the Water, Pass the Worms

Grand Ballroom A/B (E)

11 am - 12 pm

2013 Corn & Sorghum Program

Planning Meeting

Grand Suite 2A (E)

### **Corn & Sorghum Session II: Hold the Water, Pass the Worms**

**8 - 10:45 am | Dec. 7**

*Grand Ballroom A/B (E)*

MODERATOR: Seth Murray, Texas A&M University

#### **PART I: Drought. Panel Discussion on Latest Drought Technologies**

PANELISTS INCLUDE:

- Joe Keaschall, DuPont Pioneer
- Dirk Benson, Syngenta Seeds
- Mark Lawson, Monsanto Company

#### **Economics of Water Efficiency in Corn vs. Sorghum**

*Scott Staggenborg, Kansas State University*

#### **PART II: Rootworm Resistance Panel Discussion 9:30 am**

PANELISTS INCLUDE:

- Christian Krupke, Purdue University
- Luke Samuel, Monsanto Company

### 2013 Corn & Sorghum Program Planning Committee

**11 am - 12 pm | Dec. 7**

*Grand Suite 2A (E)*

- I. Welcome & Introductions
- II. Outgoing Chairperson Report
- III. Conference Update
  - Evaluation of 67th Soybean Seed Research Conference
  - Planning Meeting, March 7 & 8, 2013
  - Recognition of Program Chair
- IV. Welcome and introduction of 2013 program
- V. Overview of 2013 Program Planning Process
  - Program Format Discussion
  - Discuss Theme Possibilities
  - Speaker/Topic Information Requests: Deadline is February 15, 2013 (send to [jcrouse@amseed.org](mailto:jcrouse@amseed.org))

## Visit this Year's Exhibitors!

Don't miss this great opportunity to check out the latest products and services to hit the market.

## EXPO HOURS:

### TUESDAY, DEC. 4

4:30 – 6:00 pm..... Grand Opening with Exhibitor Marketplace

6:00– 7:30 pm..... Columbus Hall Grand Opening

### WEDNESDAY, DEC. 5

7:30 am – 5:30 pm..... Seed Expo open

7:30 – 9:00 am..... Continental Breakfast

11:30 am – 1:30 pm ..... Lunch Concessions

4:30 – 5:30 pm..... Seed Expo Reception

### THURSDAY, DEC. 6

7:30 am – 5:00 pm..... Seed Expo Open

7:30 – 9:00 am..... Continental Breakfast

11:30 am – 1:30 pm ..... Lunch Concessions

1:00 – 4:00 pm..... New Product Showcase

4:00 pm..... Grand Prize Drawing

# GRADUATE STUDENT POSTERS

ASTA is proud to feature poster presentations from graduate students at various schools of agriculture around the nation. The poster displays will be located in the ASTA Networking Lounge in Grand Ballroom E/F from Tuesday at noon until Thursday at noon. Please be sure to take time to visit with these students to help bring them into the fold of the seed industry—and to see what you can learn from them!

## PRESENTATIONS INCLUDE:

- **Phenotypic and genetic relationships between grain color and -amylase level in a red by white spring wheat population**  
By Yuanjie Su; Michigan State University
- **A Multi-Environment Trial Analysis Shows No Genetic Improvement of Commercial Maize Grain Yield in Texas for the Last 11 Years and Suggests Methods for Crop Improvement**  
By Ivan D. Barrero; Texas A&M University
- **Applied genomics for high resolution gene mapping of Mal de Río Cuarto resistance in maize**  
By Enrique Domingo Kreff; Natl. University of Rosario
- **Effect of Crop Rotation and Management on Fusarium spp. Diversity and Populations**  
By David Marburger; University of Wisconsin-Madison
- **Seed Treatment Effects on Soybean Replant Decisions**  
By Adam Gaspar; University of Wisconsin-Madison
- **Nutrient Accumulation Patterns in Soybean Cultivars Released Over 90 Years**  
By Philip Long; Purdue University

## **WEDNESDAY PRIZE TICKET**

**ADMIT ONE**

**FREE Registration for  
CSS 2013 & Seed Expo**

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NAME

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COMPANY

Take this ticket and drop it in the gold cage within the center cafe area of Seed Expo 2012 by Wednesday, Dec. 5 at 2 pm and enter to win a free registration for CSS 2013 & Seed Expo. The winner will be announced at 2:05 pm.

**ADMIT ONE**

ADMIT ONE

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ADMIT ONE

**VISA GIVEAWAYS**

**NEW PRODUCT SHOWCASE**

**THURSDAY, DEC. 6**

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NAME

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COMPANY

Take this ticket and drop it in the gold cage within the center cafe area of Seed Expo 2012 by Thursday, Dec. 6th at 1:00 pm to enter to win one of six VISA gift card giveaways, including the grand prize \$500 card at 4:00 pm! \$100 gift card drawings held at 1:15, 1:45, 2:15, 2:45 and 3:15. You must be present to win!

ADMIT ONE

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## EXHIBITORS BY NAME

4B Components Ltd.....	400
A & K Development Co.....	603
Advanced Sort Industries LLC.....	346
AEC Group, Inc. ....	611
Ag Biotech Inc. ....	331
Ag Printers.....	437
Agdia .....	546
AGRA Industries Inc. ....	604, Expo Meeting Ste. 6
Agricullex, Inc.....	411
Agricultural Improvement Equipment Services, LLC.....	610
Agronomix Software, Inc. ....	115
ALMACO .....	107, 108, Expo Meeting Ste. 5
American Newlong .....	425
Anchor Paper Co.....	232
Anex MFG .....	341
AOSA/SCST .....	507
Arrowcorp Inc .....	202
Arrows Up, Inc.....	402
Association of Official Seed Certifying Agencies.....	508
B.A.G. Corp. ....	242

## EXHIBITORS BY NAME CONTINUED

Ball Horticultural Co.....	Columbus Hall Tabletop 7
Bayer CropScience.....	Columbus Hall G/H
Becker Underwood .....	431
Big John Mfg. Co. Inc. ....	316
BioChambers.....	Columbus Hall Tabletop 12
BioDiagnostics, Inc.....	440
Bratney Companies.....	Columbus Hall Ste. 16, 412
Breckenridge Software Technologies, Inc.....	218
Buckhorn, Inc.....	313
Buhler Sortex Inc. ....	140
Carter Day International, Inc. ....	236
Central Software Solutions .....	Columbus Hall Tabletop 5
Chantland MHS .....	336
Chemtura.....	505, Expo Meeting Ste. 4
Clipper Separation Technologies .....	308
Color Label Mulligan.....	437
Cosa Xentaur Corp.....	201
Cultura Technologies, Inc.....	Columbus Hall Tabletop 4
Custom Equipment Co., Inc. ....	Columbus Hall Tabletop 9
Deamco Corporation .....	514, Col. Hall Tabletop 8, Col. Hall Ste. 21

## EXHIBITORS BY NAME CONTINUED

Delta Technology.....	607
Direct Enterprises, Inc. ....	309
Donaldson Company.....	343
Doriane.....	433
Drexel Chemical.....	401
EES Companies.....	208, Expo Meeting Ste. 7
EnviroLogix Inc.....	427
ESCO Automation.....	410
Eurofins STA Laboratories.....	337
Exoteric Analytics.....	Columbus Hall Tabletop 3
Farmchem.....	439
Faxitron Bioptics.....	Columbus Hall Tabletop 11
Fischbein Company.....	135
Greif Packaging, LLC.....	333
Hagie Manufacturing Company.....	304
Hamer LLC.....	537
Hancock International.....	Columbus Hall Tabletop 13
Heads Up Plant Protectant.....	137
Heucotech Ltd./Heubach.....	Columbus Hall Tabletop 15
Hub International Agribusiness.....	707

## EXHIBITORS BY NAME CONTINUED

Hughes Company Inc. ....	Columbus Hall Tabletop 1
Illinois Crop Improvement Assoc. Inc. ....	539, Expo Meeting Ste.12
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It is the policy of the American Seed Trade Association to comply strictly with the Federal and State antitrust laws. ASTA's policy and guidelines, to ensure compliance with both the letter and spirit of the laws, are set forth in ASTA's bylaws.

The antitrust laws prohibit combinations or conspiracies in restraint of trade. This means that competitors may not legally agree to conduct that inhibits competition. Anticompetitive agreements may be inferred from discussions about sensitive topics. Because trade associations like ASTA bring competitors together to address industry concerns, we must be especially careful not to agree to actions that might be interpreted as anticompetitive.

It is ASTA policy to have written agendas for all meetings, to have legal counsel present where sensitive issues might be discussed, and to prepare minutes of all meetings. This applies to all meetings held during a conference hosted by ASTA. If you have any questions about the proper scope of any ASTA meeting, or the Association's antitrust compliance policy, please raise it with the meeting chairperson or member of ASTA staff.

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