

Iowa Seed Association

NEWS BULLETIN



December 2008

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Iowa Seed Association 106th Annual Convention: *A place to grow and learn about Iowa's evolving seed industry*

The 106th Annual Convention of the Iowa Seed Association was held November 18-19, 2008 at the Holiday Inn Ames Conference Center in Ames, Iowa. An outstanding line-up of speakers and presenters made this year's convention a success.



Keynote speaker Sano Shimoda, CEO and founder of BioScience Securities, Inc., presented "A New World of Agriculture Catalyzed by Transformational Forces" and discussed how the seed industry is dramatically changing. Speakers from various other companies and organizations; including, the Iowa Energy Center, Iowa State University, ASTA and Monsanto, discussed wind energy opportunities, food and fuel issues and the impact of the state and national elections on Iowa's seed industry.

Before sitting down for speakers and ISA business, many convention attendees went to an open house at Iowa State University's Seed Science Center. During the open house a statue of George Washington Carver was unveiled. The Seed Science Center's statue of George Washington Carver is the only life-size statue of this seed industry pioneer in the nation.

Thank you to everyone who attended and supported the 106th Annual Iowa Seed Association Convention! We look forward to seeing you in 2009!



Thank You ISA Convention Sponsors!

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Thank you to the 106th Annual ISA Convention Trade Show Exhibitors!

Bayer CropScience  **Bayer CropScience**

120 35th Place West // Clear Lake, IA 50428
Jeff Hensley - 641.529.1923

Becker Underwood

801 Dayton Avenue // Ames, IA 50010
Adam Wilson - 515.232.5907



Bratney Companies

3400 109th Street // Des Moines, IA 50322
Steve McEachron - 515.270.2417



EMD Crop BioScience

2761 Muddy Creek Lane // Coralville, IA 52241
Paul Klemme - 319.325.7002



Farber Bag & Supply Co.

8733 Kapp Drive // Peosta, IA 52068
Pat Ford - 563.583.6304



Greif Packaging LLC, Bag Division

3433 Balsam St. SW // Prior Lake, MN 55372
Harley Sasse - 612.719.8085



Iowa Crop Improvement Association

4611 Mortensen Rd., Suite 101 // Ames, IA 50010
Jessica Vogel - 515.294.6921



Iowa State University Seed Laboratory

109 Seed Science Center // Ames, IA 50010
Christa Hoffman - 515.294.6826



ISU Research Foundation, Inc.

310 Lab of Mechanics // Ames, IA 50011
Julie Minot - 515.294.4740

Syngenta Seed Care

650 Ridge Run // Columbia, MO 65203
Harold Donahue - 573.999.7555



The Hughes Company

1200 W. James Street // Columbus, WI 53925
Jon Paul - 920.623.2000



2008-09 Iowa Seed Association Scholarship Recipients

Six \$1,000 Iowa Seed Association scholarships were awarded this year, and one student was selected as the "Manjit K. Misra Outstanding Senior Seed Scholar," that individual received a \$500 scholarship in addition to the \$1000 scholarship. A \$1000 scholarship, sponsored by the American Seed Trade Association, was also awarded on November 18, 2008, before the ISA convention.

Nineteen students applied for these scholarships this year, and those students formed an excellent pool from which the scholarship committee chose the recipients.

The scholarships are open to students in any major in the College of Agriculture. Scholarships are awarded on a basis of: academic excellence, leadership skills, interpersonal skills, and a demonstrated interest in seed science. Students may receive an ISA Scholarship up to two times. There is one repeat awardee this year.

The 2008-2009 Iowa Seed Association scholarship recipients are:

Lauren Brown: Lauren is a freshman majoring in Environmental Science. She hails from Streamwood, Illinois, and she is the daughter of Susan and Wade Brown. During this fall semester, she has worked in the Seed Science Center laboratory of Susana Goggi, working with Heather Hall, a graduate student, on the effects of frost on corn germination and plant development.

Janine Comstock: Janine is from Chariton, Iowa, she is the daughter of Thomas and Heike Comstock. She is a sophomore majoring in Agronomy. Janine would like to have a professional career as a plant breeder, and at this point, she would like to focus on developing resistant hybrids for an agronomic company.

James Cornelius: James is a sophomore, majoring in Agronomy and Agricultural Systems Technology. James is from Bellevue, Iowa, he is the son of Chuck and Chris Cornelius. James grew up in the seed industry, and he plans after graduation to work for a seed company. His parents own Cornelius Seed Corn.

Will Cornelius: Will is a senior, majoring in Agronomy, with a secondary major in Seed Science. Will is from Bellevue, Iowa, and he, too, is the son of Chuck and Chris Cornelius. Will grew up in the seed industry, and after graduation he plans to work for a seed company—the family business of his parents, Cornelius Seed Corn. He would also like to continue his education by working toward an on-line degree program in Seed Technology and Business through Iowa State University. He has had internships in the past with Channel Bio Corp. and Golden Harvest Seed.

John Gill: John hails from Richmond, Missouri. He is a junior and an Agronomy/Plant Breeding and Biotechnology major. He is the son of Tim and Debby Gill. John has had internships with Syngenta and Pioneer. He has also worked in a laboratory focused on resistance to cold stress during seed germination. He plans to continue his education by obtaining a Master of Science degree, and he will follow that by working in plant breeding for a major seed company.

Eric Parrott: Eric is a freshman from Wellman, Iowa, and he is an Agricultural Biochemistry major. He is the son of Evan and Kim Parrott. At this point, Eric would

like to live in Iowa and work with a seed company, a chemical company, or in research.

Keaton Krueger: Keaton is a senior from Crawfordsville, Iowa, majoring in Agronomy. Keaton is the recipient of the American Seed Trade Association scholarship. Keaton not only received the American Seed Trade Association scholarship, but he was also chosen by the scholarship selection committee as the "Manjit K. Misra Outstanding Senior Seed Scholar" for this year. This is the third year of this award, and it has been made possible through a donor who wishes to increase the scholarship amount by an extra \$500 for the *outstanding senior*. Keaton has had summer internships with Syngenta and Pioneer the past two summers. Last June he attended the ASTA meeting in Orlando, Florida, and he was chosen to be an undergraduate participant in the Future Seed Executives Campus Connections Program. This fall, Keaton will enter graduate school, and he will work with Dr. Susana Goggi toward his Master of Science degree.

These students are outstanding young people interested in seed science and the seed industry, and ISA's continued support of these students will ensure an excellent supply of fresh blood into the seed industry that is so prominent in Iowa.

Labeling for Weight and Count

Handout from Robin Pruisner's presentation at the ISA Annual Convention

The labeling of agricultural seed in Iowa is governed by state and federal regulations -

- Iowa Seed Law, Code of Iowa chapter 199,
- Agricultural Seed rules, Iowa Administrative Code chapter 40,
- Federal Seed Act, and
- National Institute of Standards and Technology (NIST) Uniform Laws and Regulations, as adopted by Iowa Administrative Code chapter 89.39.

The purpose of this document is to provide direction to the seed industry on the NIST standards concerning selling seed by weight and/or count.

Metrology, or weights and measurements, regulations ensure that no person sells, offers, or exposes for sale a quantity less than the quantity declared on the package. Whether a commodity is sold by weight, count or other measure, that measurement must be accurate and clearly stated on the packaging.

Selling Seed by the Count and/or Weight

A stop sale on seed may be issued if the quantity declared on the packaging is not what is in the bag. This can occur in two ways:

- (1) Average Requirement. A lot can be sampled and the average quantity of the contents must at least equal the quantity declared on the packaging. This holds true for both weight and count.
- (2) Maximum Allowable Variation (MAV). The variation of individual package contents from the labeled quantity must not be "unreasonably large." If one package exceeds the MAV, the entire lot is placed on stop sale.

- The MAV for packages labeled by count:

Labeled Quantity By Count	MAV
1,334 or more	-1.5% rounded off to the nearest whole number

EXAMPLE: If a bag is labeled to contain 80,000 kernels, if one bag is found to be short more than 1,200 seeds, the entire lot will be placed on stop sale.

- The MAV for packages labeled by weight are:

Labeled Quantity	MAV
More than 31.60 lb to 42.40 lb	-0.44 lb
More than 42.40 lb to 54.40	-0.50 lb
More than 54.40 lb	-2% of labeled quantity

EXAMPLE: If a bag is labeled to contain 50 lb but is more than 0.50 lb underweight, it has exceeded the MAV for weight and the entire lot will be placed on stop sale.

Net Quantity

A package shall have a declaration of net quantity (weight and/or count) exclusive of wrappers and any other materials packed with the commodity. The declaration may stand alone, or include the term "net weight" before or after the declaration. Do not round up, only round down.

Prohibited

In no case shall a declaration of quantity be qualified by the addition of words "when packed," "minimum," "not less than," or any similar words such as "approximately," "jumbo," "giant," "full," etc.

EXAMPLE: A bag of Iowa produced seed corn bears the following label:

"This bag of seed corn contains approximately and no less than 80 thousand kernels."

This seed could be placed on stop sale for using descriptors such as 'approximately' and 'not less than'.

Caveats

- NIST regulations do not apply to packages intended for export.
- NIST requirements for non-consumer packages in some instances may differ than those for commercial packages.
- Seed packages containing less than 225 grams or 8 ounces have additional NIST requirements, which are not stated in this document.
- If you are packaging a product that will be sold outside of Iowa, contact officials in that state to determine specific metrology and seed labeling requirements.

Iowa Seed Law can be found at <http://coolice.legis.state.ia.us/Cool-ICE/default.asp?category=billinfo&service=iowaCode&ga=82>.

IAC Seed rules can be found at <http://www.legis.state.ia.us/asp/ACODocs/DOCS/11-5-2008.21.40.pdf>.

The Federal Seed Act can be found at <http://ts.nist.gov/WeightsAndMeasures/upload/All-H133-05-Z-2.pdf>.

Iowa Administrative Code NIST reference can be found at <http://www.legis.state.ia.us/asp/ACODocs/DOCS/11-5-2008.21.85.pdf>, and NIST Handbook 130 at http://ts.nist.gov/WeightsAndMeasures/Publications/upload/All_08_H130_Final_lc.pdf and NIST handbook 133 at <http://ts.nist.gov/WeightsAndMeasures/upload/All-H133-05-Z-2.pdf>.

For more information, contact:

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Director (2009)

Kendall Lamkey, Head of ISU Agronomy

***Congratulations Del Koch!
Iowa Seed Association's Honorary
Member for 2008***

Del Koch was recognized as the Iowa Seed Association's Honorary Member for 2008 during the President's Reception at the 106th Annual ISA Convention, November 18-19, 2008.

Del has been working in the ag industry almost his entire life, growing up on a family farm in Ida County, Iowa. His first job out of college was in Tulsa, Oklahoma with Skelley Oil Company. Although living in Oklahoma was a good experience, family and Iowa roots brought him back. He started working in the Chemistry Department at Iowa State University in 1970. From there he went over to the College of Agriculture and then to CAD (Committee for Agricultural Development) and ICIA (Iowa Crop Improvement Association). Last year he started phased retirement and is now working with CAD three days a week. Del has enjoyed working at Iowa State for the past 38 years, especially when it was related to agriculture.

Del has four children, two sons and two daughters. They are all married and live in Iowa. He has 10 grandchildren and loves going to as many events as possible, from ballet to a wide variety of sports.

Del and Peg built their "retirement" home on an acreage southwest of Ames 5 years ago. The acreage is just big enough for Del to have a small herd of cows and calves. As Del says, "It doesn't get any better than this. Life is good."

IOWA SEED ASSOCIATION REMINDERS & UP-COMING EVENTS

- ASTA Conferences, Hyatt Regency Chicago, Chicago, IL - December 9-12, 2008
 - 63rd Corn & Sorghum Seed Research Conference,
 - 38th Soybean Seed Research Conferences
 - Seed Expo
- ICM Conference / AAI EXPO, Hilton Coliseum, Ames, IA - December 10-11, 2008 - Registration available at www.agribiz.org.
- 83rd Iowa General Assembly begins the 2009 Legislative Session - January 12, 2009
- Independent Professional Seed Association Annual Conference, Indianapolis, IN - January 20-22, 2009
- Iowa Seed Association Board Meeting & Legislative Luncheon, Des Moines, IA - February 26, 2008
- Iowa State University's Seed Science Center is holding many workshops throughout 2008. Including Conditioning Workshops on: color sorting, commercial seed corn, seed treatment, soybean & small grain seed, commercial popcorn conditioning, gravity separation, research seed corn. Quality workshops including: purity testing, germination testing, and seed corn/soybean quality, will also be held. For more information on these workshops and registration forms please go to: <http://www.ucs.iastate.edu/mnet/seeds/science/register.html>.

Find us on the
web at:

www.iowaseed.org



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