

# IOWA STATE UNIVERSITY University Extension

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# IOWA STATE UNIVERSITY EXTENSION

NOVEMBER 2008

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## DRYING & MANAGEMENT OF GRAIN IN STORAGE

Iowa State University Extension resources on low-temperature grain drying, storage tips, storage alternatives and managing grain in storage are available by going to our web site at [www.extension.iastate.edu/johnson](http://www.extension.iastate.edu/johnson) or you can go directly to the links listed below:

Soybean Drying and Storage [www.extension.iastate.edu/Publications/PM1636.pdf](http://www.extension.iastate.edu/Publications/PM1636.pdf)

Grain Storage Tips [www.extension.umn.edu/specializations/cropsystems/M1080-FS.pdf](http://www.extension.umn.edu/specializations/cropsystems/M1080-FS.pdf)

Temporary Grain Storage [www.oznet.ksu.edu/library/ageng2/mf2362.pdf](http://www.oznet.ksu.edu/library/ageng2/mf2362.pdf)

Emergency Grain Storage [www.oznet.ksu.edu/library/ageng2/mf2363.pdf](http://www.oznet.ksu.edu/library/ageng2/mf2363.pdf)

Low Temperature, In-Bin Drying <http://extension.missouri.edu/xplor/agguides/agengin/g01310.htm>

Managing Dry Grain in Storage MWPS AED 20 (cost publication)

[www.mwps.org/index.cfm?fuseaction=c\\_Products.viewProduct&catID=715&productID=6473&skunumber=AED-20#](http://www.mwps.org/index.cfm?fuseaction=c_Products.viewProduct&catID=715&productID=6473&skunumber=AED-20#)

Ag Decision Maker [www.extension.iastate.edu/agdm/cdmarkets.html](http://www.extension.iastate.edu/agdm/cdmarkets.html)

- Grain Storage Alternatives
- Cost of Storing Grain: An Economic Comparison
- Renting Extra Grain Storage
- Condominium Grain Storage

## ISU EXTENSION OFFERS 2008 AG CHEMICAL DEALER UPDATES

Updates on the latest crop production products and recommendations are the featured topics of the 2008 Ag Chemical Dealer Update Series. Sponsored by Iowa State University Extension, this series will be held Dec. 1 to 18 at numerous locations around Iowa. "These meetings are a chance for ag input dealers to meet with ISU Extension specialists to review current research, discuss new products, and learn of new recommendations," said Brent Pringnitz, coordinator, Agribusiness Education Program. Each location will feature presentations on weed, insect and crop disease management as well as soil nutrient management. Each meeting is approved

for Certified Crop Adviser (CCA) credits. In addition, the meetings offer recertification for Iowa Commercial Pesticide Applicators in categories 1A, 1B, 1C and 10.

For more information about a particular program, contact the host listed below. Registration materials and additional information about the meetings is available at [www.aep.iastate.edu](http://www.aep.iastate.edu). The three locations closest to east central Iowa are shown below:

Dec. 1, **Iowa City**, Jim Fawcett, (319) 337-2145, [fawcett@iastate.edu](mailto:fawcett@iastate.edu); Virgil Schmitt, (563) 263-5701, [vschmitt@iastate.edu](mailto:vschmitt@iastate.edu)

Dec. 2, **Waterloo**, George Cummins, (641) 228-1453, [gcumns@iastate.edu](mailto:gcumns@iastate.edu)

Dec. 17, **Ames**, John Holmes, (515) 532-3453, [jdholmes@iastate.edu](mailto:jdholmes@iastate.edu); Mark Wuebker, (515) 957-5778, [mwuebker@iastate.edu](mailto:mwuebker@iastate.edu)

## **INTEGRATED CROP MANAGEMENT CONFERENCE AND AGRIBUSINESS EXPO SET FOR DEC. 10-11**

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AMES, Iowa - The Iowa State University Integrated Crop Management Conference and the Agribusiness Association of Iowa (AAI) Agribusiness Expo will be held Dec. 10 and 11 on the Iowa State University (ISU) campus. "Combining our annual education conference and the Expo with a common date and location is a great benefit for participants. This allows service providers and retail dealers an opportunity to participate in both events without being away from their business for an extended period of time," said Gerald Miller, program director, ISU Extension to Agriculture and Natural Resources. "Our AAI members are always looking for new technology, data and innovation from the academic side of our industry. Partnering with the ISU ICM conference in early December provides an excellent venue to start out the new crop year," said Jose Laracuente, AAI Services chair.

Conference attendees can choose from 42 different workshops that offer the latest information on crop production and protection technology in Iowa and surrounding states. Workshops are offered by ISU faculty and staff and invited speakers from around the Midwest. The Conference is hosted by ISU Extension, the College of Agriculture and Life Sciences and the departments of Agronomy, Entomology, Plant Pathology and Agricultural and Biosystems Engineering. The Agribusiness Expo presents a comprehensive collection of new and innovative products covering all facets of the agribusiness industry. A wide variety of exhibitors will be present for this year's Expo, held in Hilton Coliseum.

Registration for the 2008 Integrated Crop Management Conference and Agribusiness Expo is now open. To register online for this event or for more information, visit the Agribusiness Education Program Web site at <http://www.aep.iastate.edu>. Companies interested in exhibiting at the Agribusiness Expo should contact Joan O'Brien, at (515) 262-8323, or via e-mail at [joano@agribiz.org](mailto:joano@agribiz.org).

## **IOWA ORGANIC CONFERENCE TO BE HELD ON NOVEMBER 24**

The Iowa State University Organic Agriculture Program has scheduled the 8<sup>th</sup> Annual Iowa Organic Conference for November 24, 2008 at the Scheman Building on the Iowa State University campus.

The Iowa Organic Conference has gained a reputation in the Midwest as an excellent resource for individuals and organizations involved in organic agriculture. This conference is an excellent educational and networking opportunity for farmers, organizations, agribusiness professionals, students, and many others. This year's conference will once again feature the organic tradeshow and organic luncheon and feature 15 breakout sessions covering some of the most current topics in organic agriculture. For more information on the conference, please visit: <http://www.ucs.iastate.edu/mnet/organic08/home.html>.

## **AGRICULTURE OUTLOOK & MANAGEMENT SEMINAR**

Crop and livestock pricing patterns are changing in South East Iowa. Limited supply and increasing demand are factors that continue to affect the fundamental price of crops and livestock. Whether it is the demand livestock feed, ethanol and biodiesel use, or export demand, the playing field for South East Iowa producers has changed. An example, despite record high prices, is the cost of inputs producers need to compete in today's global economic environment and remain profitable. Will high grain prices and increased margins lead to overproduction and significantly lower prices in the future? What will be the impact of high and fluctuating energy prices on margins? What are the trends for other crop and livestock inputs and how can today's producer develop risk management strategies that assure continued profitability?

To aid producers in answering these questions, Iowa State University Extension has scheduled an Agriculture Outlook and Management Seminar, Monday, November 17, 2008, at the Holiday Inn-Amana, I-80 at Exit 225. This program is designed to provide agribusiness professionals, producers and lenders a concise evaluation and outlook for agriculture in today's volatile environment. The program offers a concise look at today's crop and livestock outlook, managing enterprise margins and legal issues being faced by Iowa Producers. This years speakers include John Miranowski, John Lawrence, and Chad Hart Iowa State University, Bob Wells and Jim Jensen, Iowa State University Extension Farm Management Field Specialist and Steve Moline, an attorney with the Iowa Attorney General's Farm Division.

The program begins at 9:00AM and the \$45.00 cost per person includes breaks, lunch and handout material. Advance registration is recommended and may be accomplished by calling the Mahaska County Extension Office at 641-673-5841. A \$5 per person late registration fee will be assessed if you do not pre-register by November 12.

## **FORAGE/BEDDING PRICES**

Recent auctions in east central and southeast Iowa have resulted in the following forage/bedding prices:  
**Keosauqua** (SE IA) Sat 11:30A Alfalfa: SmSq \$1.75-5.25/bale; LgRd \$30-40/bale; Grass : SmSq \$2.00-3.50/bale; Oat Hay: SmSq \$2.00-2.50/b **Kalona** (SE IA) 1st Thurs, Yr-round 11:30AM (& 3rd Thurs Oct-winter) Alfalfa: (SmSq \$2.10-3.00/bale Aug); LgSq \$30-40/b (\$120-130/T; LgRd \$40-55/bale Aug); Mixed Leg/Gr: SmSq \$2.20-3.10/b; LgRd \$50/bale; Grass: LgSq \$ 28-31/bale; (LgRd \$35-37.50/b Aug); CRP: (SmSq \$2.55/bale Aug); Straw: SmSq \$3.00/bale

## **APPLYING MANURE THIS FALL? CHECK YOUR APPLICATOR CERTIFICATION REQUIREMENTS**

Manure applicators that haul or handle manure from a confinement site facility with more than 500 animal units and all commercial manure applicators are required by Iowa law to be certified to apply manure in Iowa. "My best estimate based on historical numbers of certified applicators is somewhere between 300-800 applicators still need to attend training this year to maintain or renew their licenses to apply manure before the fall application season," says Angie Rieck-Hinz, Extension program specialist. Confinement site applicators must attend two hours of annual training to maintain their three-year license. Applicators must pay certification and education fees. After March 1 of the current year, applicators that are renewing their certificates must also pay a late fee. Commercial manure applicators must attend three hours of training or take and pass an exam annually. Commercial applicators that need to renew their licenses after March 1 will need to pay a late fee in addition to the certification fee and education fee. Commercial manure applicators are reminded they must be associated with a commercial manure service.

“Although manure applicators sometimes complain about having to take annual training, they also say that the training has helped them respond quickly and well to a spill, or learn about law changes that affect their business,” said Jen Christian, DNR environmental specialist. Commercial and confinement site applicators may meet certification requirements by scheduling an appointment with their local ISU Extension county office to watch a videotape or by contacting their local DNR field office to schedule an appointment to take the certification exam. Four certification programs will be offered this winter for confinement site and commercial manure applicators:

- **Commercial manure applicator certification is scheduled for Wednesday, January 7, 2009, 9:00 a.m. to 12:30 p.m. at the Johnson & Washington County Extension Office.**
- **Confinement site certification is scheduled for Tuesday, January 20, 2009, 9:30 a.m. to Noon at Gringer Ag, 2144 Old Hwy 218 S, Iowa City.**
- **Confinement site certification is scheduled for Thursday, February 12, 2009, 7:00 to 9:30 p.m. at Washington County Extension Office**

For information about manure applicator certification requirements contact Greg Brenneman, Ag Engineer, at [gregb@iastate.edu](mailto:gregb@iastate.edu) or 319/337-2145 and Tom Miller, Program Specialist [tmiller@iastate.edu](mailto:tmiller@iastate.edu) 319-653-4811.

#### **4-H/FFA MARKET BEEF WEIGH-INS FOR 2009 FAIRS**

Six calves total may be weighed in for the county fair and out-of-county events. Last year’s bucket-bottle calves must also be weighed to be shown in the market beef class for 2009. Returning bucket-bottle calves are included in the maximum of six head that may be weighed in. Breeding Heifers do not need to be weighed. State Fair requirements: \$5 per animal nominated plus \$1 additional for Ak-Sar-Ben. We will need an exhibitor and parent/guardian signature on each animal’s identification material. Retinal scanning and DNA will be taken at that time as needed. If the parent or exhibitor is unable to attend the weigh-in, we will need a signed waiver (Extension will provide the waiver forms at the weigh-ins). Advanced Feeder projects are also weighed at this time. Please check with your local county office for complete details.

- Washington County, Saturday, December 6, 2008, 8:30 a.m.-Noon, Kalona Sale Barn
- Iowa County, Saturday, December 13, 2008, 9 a.m.-Noon, Iowa Valley Vet Clinic
- Johnson County, Saturdays, January 3, 2009, 8:00 a.m.-Noon, Johnson County 4-H Fairgrounds

#### **PRIVATE PESTICIDE APPLICATOR PROGRAMS SCHEDULED**

The 2008-2009 private pesticide applicator continuing instructional courses have been scheduled for Iowa, Johnson and Washington County. If you wish to recertify by training and not by exam, you must attend a CIC session each year. Remember, you always have the option of taking the exam. There is a \$20 fee per person. A private pesticide applicator may attend a class offered in any county. Pre-registration is not required.

Date	Time	County	City/Area	Location
December 17	9:30 a.m.	Johnson	Hills	Hills Community Center, Hills
December 17	1:30 p.m.	Johnson	Hills	Hills Community Center, Hills
December 19	9:30 a.m.	Washington	Washington	Washington County Extension
January 8	1:30 p.m.	Iowa	Marengo	American Legion, Marengo
February 11	1:30 p.m.	Iowa	I-80, Exit 216	Kinze Mfg.
February 11	4:15 p.m.	Iowa	I-80, Exit 216	Kinze Mfg.
February 16	1:30 p.m.	Johnson	Hills	Hills Community Center, Hills
February 16	7:00 p.m.	Johnson	Hills	Hills Community Center, Hills
March 12	1:30 p.m.	Washington	Washington	Washington County Extension
March 12	7:00 p.m.	Washington	Washington	Washington County Extension
March 16	7:00 p.m.	Iowa	Victor	KC Hall, 210 Washington St.

## **PORK QUALITY ASSURANCE PLUS™**

PQA Plus™ was developed by the Pork Industry Animal Care Coalition to be a continuous improvement program. The coalition, made up of pork producers, packers/processors, restaurants and food retailers, dedicated itself to finding a food-industry solution that would give confidence to consumers that U.S. pork is produced in a way that respects animal well-being. PQA Plus™ merges the food safety and animal well-being concepts of the original PQA program into three steps: individual certification through education, farm site assessment, and the opportunity for audit that gives customer credibility. For more information on PQA Plus™ contact the National Pork Board at 800-456-PORK, or go to [that Web site](#).

### **PROGRAM GUIDELINES, ELIGIBILITY INFORMATION**

Pork producers with current Pork Quality Assurance™ (PQA) Level III certification should be aware that the PQA™ program has been revamped and expanded to include an animal well-being assessment. Because of this new structure and the renaming of the program to PQA Plus™, all existing PQA™ certifications will not be renewed at the end of the certification period. The Iowa Pork Industry Center and Iowa State University Extension are teaming up to provide necessary certification training for producers.

### **PQA PLUS™ TRAINING SESSIONS**

Each session is two hours long with a registration fee of \$25 per person, payable at the training session. Preregistration is strongly encouraged to ensure that adequate materials are available for all in attendance. See the individual meeting entries below for appropriate contact information.

**Jones County Extension Office.** 605 East Main Street, Anamosa. Tuesdays, 7 to 9 p.m. To preregister, contact Larry McMullen by e-mail at [lkcmull@iastate.edu](mailto:lkcmull@iastate.edu) or by phone at 319-462-2791. November 18, 2008; January 20, 2009; March 17, 2009; May 19, 2009; July 21, 2009

**Washington County Extension Office.** 2223 250th Street, Washington. Tuesdays, 7 to 9 p.m. To preregister, contact Tom Miller by e-mail at [tmiller@iastate.edu](mailto:tmiller@iastate.edu) or by phone at 319-653-4811. October 21, 2008; December 16, 2008; February 17, 2009; April 21, 2009; June 16, 2009

## **FARM FINANCIAL PLANNING ASSISTANCE**

The services of the Farm Financial Planning Associates will temporarily be provided at no charge. Farm families in disaster affected counties are invited to use this program to evaluate their farm business in response to flooding, delayed planting, and/or rising livestock feed costs. Farm Financial Planning is Iowa State University Extension's farm financial analysis program. It consists of one-on-one financial counseling, a computerized analysis of the farm business, and referral to other extension programs or outside services that may be useful. Farm Financial Planning helps answer three basic questions of sound business management. Where am I today? Where do I want to be in the future? How do I get there? For more information on the associates serving your county, visit our web site at: <http://www.extension.iastate.edu/farmanalysis/>

## **ON-FARM RESEARCH CONFERENCE FOCUSES ON METHODS TO GENERATE QUALITY DATA**

The On-Farm Research Conference features training to help extension, agribusinesses and leading growers conduct scientifically valid in-field research. The program includes sections on selecting research sites, methods and technology for data collection, and basic statistics and analyses of data generated. The conference features a combination of general sessions and workshops that attendees can select from. The conference will be held on December 18-19, 2008 at the Knapp-Storms Dining Complex on the ISU campus, and is being conducted by ISU Extension and the ISU Corn and Soybean Initiative through a grant from the North Central Integrated Pest Management Center. The registration fee is \$50 postmarked by December 11. Late registration fee is \$75. Pre-registration is required for this conference. More information about the conference is available at <http://www.aep.iastate.edu/onfarm>, or by calling ISU Agribusiness Education Program at (515) 294-6429.