

Private Agriculture

Cattlemen's Banquet

February 27 - 6:00 p.m. social dinner at 6:30 p.m. Building, Greenfield

and Lunch

March 15, 9:30 - 1:30 Building, Greenfield

Farmer Association Banquet

March 20 featuring Uncle

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Better Information for a more Profitable Operation

Orient Crop Fair

March 2, 2010

9:00 a.m. — 1:30 p.m.

Orient United Methodist Church - Orient, Iowa

9:00 a.m. — Registration

9:30 a.m. — 2010 Crop Weather Outlook

Elwynn Taylor,
ISU Extension Climatologist



10:30 a.m. — Farm Energy Check-Up

David Stineman, Consumers Energy

11:00 a.m. — Managing Stored Grain to Protect Quality

Shawn Shouse, ISU Extension Ag Engineer

11:45 a.m. — Corn Disease and Ear Mold

Aaron Saeugling, ISU Extension Field Agronomist

12:30 p.m. — Lunch

Free to all crop fair attendees

1:30-3:30 p.m. Final Adair County Private Pesticide Applicator Continuing Education Class

PPAT — Fee Applies \$20 for training; \$15 for license renewal

RSVP by Friday, February 26 for accurate meal count

contact the Adair County Extension Office

at 641.743.8412 or 1.800.ISUE.399

or powella@iastate.edu

This Crop Fair is FREE thanks to our sponsors:



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Advanced Ag, LLC

IOWA STATE UNIVERSITY
University Extension

has been very difficult for our cattle producers!) As we entered fall 2010 we had lots of grazing available and our stocks. That has changed with snow and ice covering our and stockpiled grass, and extreme weather increasing the cows' feed requirements. During the calving season, we need to be sure our cows are in good body condition and nutrient requirements are met", says Joe Sellers, Iowa State University Beef Program Specialist.

Forage harvested in 2009 was low quality. "In the past, almost all of our cool season grass/legume hay is more than adequate in crude protein and often is high enough in energy to meet the requirements of cow requirements the last part of

gestation", Sellers says. "Unfortunately, this year's hay was more variable in quality and may not meet the basic cow requirements." If the cow herd is not maintaining body condition, producers may need to add protein and energy supplementation. Corn co-products such as corn gluten feed and distillers grains are good sources of both protein and energy. Corn also may be added to provide needed energy. Actually testing hay for nutrient values can allow you to match supplementation to what you really need.

In addition to basic protein and energy needs, it is important to meet mineral and vitamin needs with supplements or free choice minerals. Be sure to monitor mineral consumption to ensure critical micro-minerals such as copper, zinc and

selenium, and needed vitamins are consumed at high enough levels. Contact Sellers at 641-292-1270 or sellers@iastate.edu for help with adjusting herd rations.



Forage Management - February 24 & 25

Extension, the Iowa Beef Center, and the Iowa Forage and Livestock Committee have planned several Improve Your 2010 Forage Management workshops.

Topics include: Pre-grazing season management; Optimizing grazing season productivity; ISU data and Iowa experiences with improved grazing and What do I do when the weather is short? Presenters are: Dr. Robert Penhock, Forage Agronomist at the University of Missouri, and Joe Sellers, Beef Extension Specialist at ISU Extension.

Choose the date and location that works for you:

Wednesday, Feb 24 at the Madison County Extension office, Winterset at 7:00 pm or

Thursday, Feb 25 at the Wallace Learning Center, Lewis beginning at 1:00 pm.

The series is funded in part by the Southern Iowa Forage and Livestock Committee and the Iowa Forage and Grasslands Council. A registration fee of \$10 per person is payable at the door. For more information, contact Joe Sellers at 641-203-1270.

CORRECTION

International Year/Letter

W for 2009, X for 2010

Tattoo those replacement heifers as a permanent identification. In the last newsletter we stated - *The international year/letter for animals born in 2009 is V.*

FARM CUSTOM RATE SURVEY

The 2010 Iowa Custom Rate Survey is now available free of charge at the Extension office or can be printed

Wanting to add to or improve the forage
their existing pastures should consider
the frost-seeding method in early
interseeding later in the Spring months.

g involves spreading forage seed on
ures during the late winter or very
while the ground is still frozen. Freeze
then provide shallow coverage of the
elp from early spring rains.

g is the easiest way to add new forage
rasses to your pasture, and is likely
ensive method, as well.

his method's success, one should
on the thinnest pasture sod areas first
where bare soil has been exposed due
zing or disturbance.

a misconception about frost seeding is
ng the seed on top of snow works best.
rost seeding is to get seed on bare soil.
effectively and more safely done with-
er.

as been the forage species of choice in
t seeding. Other legumes, such as
and birdsfoot trefoil, also can be frost
with less success than red clover. In
t seeding does not work as well with

Research has found that following a few steps will
improve the success of frostseeding. See ISU Extension
bulletin *Improving Pasture by Frostseeding* for
more suggested seeding rates and guidelines.

[http://www.extension.iastate.edu/Publications/
PM856.pdf](http://www.extension.iastate.edu/Publications/PM856.pdf)

Interseeding offers an opportunity for improving
pasture productivity too. Interseeding involves us-
ing a no-till drill to aid in the incorporation of a leg-
ume or a more productive grass into an existing pas-
ture sod. Interseeding is normally done from mid-
March through early May, when soil moisture and
temperature are more suitable for rapid seedling
establishment.

Interseeding can be accomplished with relatively few
field operations. Opening of the grass sod, shallow
seed placement, and seed coverage are required. A
number of drills are available that can be used in
sod-seeding efforts.

Some of these drills may have improved features
related to sod penetration, depth control, seed meter-
ing, or coverage that improves their effectiveness in
sod seeding situations. Equipment limitations for
sod seeding implements sometimes are overcome by
operator experience and home shop modifications.

Legumes interseeded into grass sod should increase
pasture yield, improve forage quality, and eliminate
or minimize need for nitrogen fertilizer. Clovers,
alfalfa, and birdsfoot trefoil have been successfully
interseed. The more efficient seed placement pro-

ceeding, grass sod might best be in-
interseeding a grass-legume mixture

A seeding delay into late spring to in-
growing conditions often also leads to
competition from the existing grass s
grazing in the fall or spring, ahead o
seeding, will help to reduce sod comp
Contact herbicides are sometimes al
temporarily further reduce competi
plants present in the stand.

Interseeding success depends a lot o
attention to details, timeliness, caref
agement of sod completion, controlli
depth to no deeper than ¼ to ½ inch,
tle bit of luck with weather.

See Iowa State University Extension
Interseeding and No-Till Pasture Ren
for more suggested seeding rates and
lines. [http://www.extension.iastate.e
Publications/PM1097.pdf](http://www.extension.iastate.edu/Publications/PM1097.pdf)

For more information, contact S
Barnhart, Extension Forage Ag
Iowa State University, and An
Phone 515-294-7835 or sbarnhar@i

Grain Drill Available for Rent
Adair County NRCS has a new 10'
Plains grain drill. They rent the dr
\$16.00 an acre. NRCS also has a 2
culti-packer that rents for \$7.50/acre

For more information or to reserve th
call 641-743-6124

Local scholarships including many forms can be found on our website <http://www.extension.iastate.edu/adair/info/listing.htm>

Adair County Corn & Soybean Fritz Langguth Memorial Scholarship Parent must be member. Applications available at <http://www.extension.iastate.edu/scholarshiplisting.htm>

Adair Co & Iowa Farm Bureau Scholarship Parent must be member available at the Extension office www.iowafarmbureau.com Go to the Grants and Scholarships section.

Iowa Soybean Association Agro Program (State) Open to Iowa seniors who plan to attend any ag-related or university www.iasoybeans.com/whatnew/isa011

No Heels Conference

No Heels Conference is Saturday, 9:00 am to 3:00 pm at the Cass County Center in Atlantic. Keynote speaker Mark-Hamilton encourages participants to "Be Self-Freshly Brewed!"

Workshop speakers will present information on investing, quilting, health and well-being, photography, decorating and more.

March 3 – Adair Co Soil & Water Conservation District Scholarship Applications available at the Extension office or online www.cdiowa.org/awards.html

March 18 – Agriland FS Foundation Scholarship Applicant must enter an ag-related field at any accredited college or university. Applications available at the Extension office or online www.agrilandfs.com For more info contact Christine Birney at 515-462-5353.

April 1 – Farmers Electric Cooperative Scholarship Parent must be member. Applications available at extension office or online www.farmersrec.com For more info call Farmers Electric Cooperative at 641-743-6146.

April 2 – Kelly Laughery 4-H Community Service Scholarship Must be a 4-H member and have completed service work. For more info contact Adair County Extension at 641-743-8412.

Wallace Foundation Meeting

The annual meeting of the Wallace Foundation for Rural Research and Development will be Fri. Feb 26 at the Armstrong Learning Center near Lewis. The program starts at 9:30 a.m. with the annual Armstrong and Neely-Kinyon Farm Review and Planning meeting. Greg Tylka, Iowa Corn and Soybean Initiative will be the guest speaker.

After a complimentary lunch a panel discussion "Futuring the Wallace Foundation" will be moderated by Ken Root

more about pig comfort, energy efficient producer profits should plan to attend 2010 Iowa Pork Regional Conference Wednesday, March 10, 1 to 4:30 p.m. Carrollton Inn, Carroll. Topics to be discussed include ventilation and energy use by Mike Brumm, Brumm Swine Co.

There is no cost for those preregistered March 5. Walk-in registration is \$50 payable at the door. More information including a link to the program brochure, available on the IPIC Web site at www.ipic.iastate.edu/events.html To preregister call IPPA at (800) 377-5151 (515) 225-7675.

No Till DVD Available

Members of the Iowa Learning Farm have created a DVD containing pointers on adjusting a planter for no-till farming systems. The "Converting Your Planter to No-Till Operation" DVD contains instructions on getting optimum results from your planter in a no-till system. Information included includes: seed at a uniform depth, closing the furrow that the seed is in proper contact with soil to start germination and maintaining proper seed spacing. Other tips shown: leveling the planter frame, down pressure on down pressure wheels, adjustments of seed opener and closing systems, and use of attachment row cleaners and fertilizer injectors. To request a FREE planter DVD, email il@iastate.edu or call the Iowa Learning Farm at 515-281-2100.

... is one of the most rewarding jobs
... have, but it can also be one of the
... ul. Barb Herr, Clinical Therapist
... entral Mental, will present
... on the stressors of raising children
... l suggestions on how to get beyond
... s at a special program on Tuesday,
... n 6:15-7:00 p.m. at the Family
...ilding (formerly Crook's Clothing)
...6 Public Square in Greenfield.

... is a joint effort of Growing Strong
... mly Rewards, and Adair County
... There is no cost, but advance sign up
... by Monday, March 1st. You can
... ling the Extension office at 743-8412
... E399. Free on-site child care is

We are currently enrolling additional families in the
very popular Growing Strong Families program. Any
Adair County family that is expecting a child or has a
child under the age of 5 can enroll in the free education
program. Each month you get information specific to the
developmental stage of your child along with tips on how
to encourage their development.

Parent educators trained through the national Parents
as Teachers Center work individually with each family.
In addition, group programs and activities are offered on
a regular basis.

For more information or to enroll, call Angie at the
Extension office. Parents, grandparents, and anyone
who cares for children are encouraged to become fans of
Growing Strong Families Adair County at
Facebook.com Fans get timely tips, information about
upcoming programs, and links to wonderful resources.

Youth Program



Get up to date in
about what is ha
Adair County 4-H
by becoming a fa
County 4-H and
programs at Face
Current 4-H'er:
volunteers, paren

parents, and alumni will enjoy hear
current programs as well as hearing
alumni.

ill Accepting Enrollments for 2010

s are still being accepted for the 4-H
outh can join the other 203 4th-12th
eady enrolled for 2010. Adair County
mmunity clubs including a club which
in shooting sports. The program also
endent membership for youth whose
l, or church schedule makes it diffi-
nd regular meetings.

ormation about how to get involved
rogram, contact Donna Wallace at
on office wallaced@iastate.edu

Adair County 4-H alumni
report they have an edge in the
job market and continue to use
the communication, leadership,
and citizenship skills through-
out life.

Read more about 4-H alumni Matt Wedemeyer and
Emily Ford Balvanz on the Adair County Extension
website www.extension.iastate.edu/adair
or at the Adair County 4-H and Youth Programs
facebook page.



4-H and FFA Adair C Fair Trophy Donors N

Sponsors are needed for
66 trophies to be
presented to 4-H and
FFA exhibitors during
the 2010 Adair County
Fair. Trophies are
presented for livestock
shows, livestock skill-a-
thons, communication,
clothing event winners.
Sponsorship fees are \$17.50 (large)
(Skill-A-Thon, Top FR/CS, Commu
Contact the Adair County Extension
641-743-8412 or 1-800-ISUE399 or
wallaced@iastate.edu to become a



	Mon	Tue	Wed	Thu	Fri	Sat
	1 IDALS pesticide license testing 2-7 p.m. Cass Co Extension office, Atlantic	2 Crop Fair 9-12:30 PPAT 1:30-3:30 Orient Keeping Your Sanity as a Parent 6:15 -7 pm FSB*	3 Commercial Ornamental Applicator,2,3 O, 3T, 1 O Training 1:30 pm E.O.*	4	5	6 Clover 10-11:30
Council	8 Financial Literacy Part 1 6-7pm FSB*	9 Book Club, Family Story Teller grads, 6-7 pm FSB 4-H Leader Training 6:30-8:30 pm E.O.*	10	11	12	13
	15 Ag Day Expo Financial Literacy Part 2 6-7pm FSB* FSQA Training for 4-H&FFA 6:30-8:30 pm E.O.*	16	17	18 FSQA Training for 4-H&FFA 6:30-8:30 pm E.O.*	19	20 Corn & Soybean Banquet
	22 Financial Literacy Part 3, 6-7pm FSB* Extension Council 7:30 E.O.*	23	24	25	26	27
	29 Financial Literacy Part 4, 6-7	30	31			