Crop Seed Samples, Part 2

This set of 7 crop seed samples is a supplement to Z7003 Crop Seed Samples.

Crop Seed Samples, Part 2 comes in a convenient storage box, includes a key to the samples, and contains:

Broccoli
Cucumber
Lettuce
Lima bean
Pea
Peanut
Safflower

Z7003.1 Crop Seed Samples, Part 2 sells for $7.50 and is listed on the tear sheet. KMc

Weed Seed Samples, Part 2

This set of 14 weed seed samples is a supplement to Z7004 Weed Seed Samples.

Weed Seed Samples, Part 2 comes in a convenient storage box, includes a key to the samples, and contains:

Burdock
Chicory
Common mallow
Common mullein
Dandelion
Field bindweed
Prickly sida
Shepherd's-purse
Waterhemp
Wild oats
Wild parsnip
Wild sunflower
Woolly cupgrass
Yellow nutsedge

Z7004.1 Weed Seed Samples, Part 2 sells for $35.00 and is listed on the tear sheet. KMc

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<tr>
<td>Feed Prices</td>
<td>10</td>
</tr>
</tbody>
</table>
**Weed Identification**

This is a PowerPoint CD-ROM for teaching weed identification. It includes all the weeds on the Illinois Association of Vocational Agriculture Teachers weed identification list (2007 revision). Presentations include 1) the regular set with images and text descriptions of the weeds, 2) a practice set without weed names appearing by the images, and 3) a set that is an interactive quiz presentation which allows the user to choose an image to answer a question.

This revision includes 1) weeds added for the 2007 event, 2) expanded descriptions for life cycles and areas where the weeds grow, 3) seedling descriptions, and 4) more photographs, including many seed and seedling photographs.

In all, there are nearly 700 frames on this CD. Weeds described on the CD include:

- Barnyardgrass
- Bitter nightshade
- Broadleaf plantain
- Buckhorn plantain
- Bull thistle
- Burdock
- Canada thistle
- Carpetweed
- Cheat
- Chicory
- Common chickweed
- Common cocklebur
- Common lambsquarters
- Common mallow
- Common milkweed
- Common mullein
- Common ragweed
- Curly dock
- Daisy fleabane
- Dandelion
- Eastern black nightshade
- Fall panicum
- Field bindweed
- Field pennycress
- Flower-of-an-hour (Venice mallow)
- Foxtail barley
- Giant foxtail
- Giant ragweed
- Goosgrass
- Green foxtail
- Hedge bindweed
- Hemp dogbane
- Hemp (Marijuana)
- Honeyvine milkweed
- Horsenettle
- Horseweed (Marestail)
- Ivyleaf morningglory
- Jimsonweed
- Johnsongrass
- Ladysthumb smartweed
- Large crabgrass
- Musk thistle
- Peppergrass
- Perennial sowthistle
- Pigweeds (Redroot, Smooth)
- Prickly lettuce
- Prickly sida
- Prostrate knotweed
- Purslane
- Quackgrass
- Shattercane
- Shepherd's-purse
- Stinkgrass
- Tall morningglory
- Velvetleaf
- Waterhemp
- Wild carrot
- Wild garlic
- Wild mustard
- Wild parsnip
- Wild sunflower
- Woolly cupgrass
- Yarrow
- Yellow foxtail
- Yellow nutsedge
- Yellow woodsorrel

**MDS707b-10 Quiz Pack** is a set of 10 identical CD-ROMs with only the quizzes and interactive quizzes. Useful to issue to students for self study in the agronomy classroom, the school computer lab, or at home.

**MDS707b Weed Identification** sells for $70.00; **MDS707b-10 Weed Identification Quiz Pack** sells for $200.00; both are listed on the tear sheet. *KMc*
Agronomy CDE Resources Tub

Contains ITCS resources displayed at the 2007 IAVAT Conference. These resources support team training for these Agronomy CDE areas:

- Written exam
- Weed ID
- Crop ID
- Placing classes
- Practicums—insects and soils

For a complete listing of what is in the tub, go to im.itcs.uiuc.edu and follow the link to AGRON-07 Agronomy CDE Resources Tub.

AGRON-07 sells for $600.00 and will be available for a limited time. *KMc*

Ordering Record Books

We receive questions from teachers who are not sure of the record book sections they need to order. Our reply recommends the teacher order one **R2006 EZ Records** for each student in the department and all record book materials are available. When teachers order paper record books we recommend the teacher order one **R9800 Records of My Supervised Agriculture Enterprise Program** basic book with cover (white pages) for each student who will be keeping records, one (1) **R9801 Animal Enterprise section** (yellow pages) for each animal production enterprise in your department, one (1) **R9802 Business Enterprise section** (blue pages) for each placement or non-production enterprise in your department, and one (1) **R9803 Crop Enterprise section** (green pages) for each crop production enterprise in your department. Example a student with two (2) market steers, 5 sows, 7 acres of corn, a home garden, and is placed at the local Veterinary Clinic. This student will require one (1) **R2006 EZ Records** or one (1) **R9800** (basic book), two (2) of **R9801** (for beef and swine), one (1) **R9802** (for placement), and two (2) of **R9803** (for corn and garden). *DW*

State Forestry Career Development Event

The State Forestry CDE will be held September 29, 2007, at Southern Illinois University in Carbondale, IL. **The event will not be held at the "Touch of Nature Center".** Plans are to hold the event on the main campus and hold registration at the Agriculture Building. Details will be provided in a future list serve message.

Schools are allowed to enter one team in the event. Extra students are not allowed to judge. Rules for the event are on the 2006-07 Chapter Resources CD-ROM and are also available at this site. Registration will begin at 9:00 a.m., with instructions at 9:30 a.m. and the event will begin promptly at 10:00 a.m.

Registration is as follows: For IAVAT members the fees are $7.00 per participant. For nonmembers the fees are $28.00 per participant. Fees are due at the time of registration.
Creating Habitats and Homes for Illinois Wildlife

What is your interest in wildlife? Do you feed, watch, or photograph birds? Do you hunt deer, mallards, or pheasants? Maybe you like listening to frogs in the spring. Or perhaps you just admire the beauty of the natural world.

Creating Habitats and Homes for Illinois Wildlife will instruct and encourage you to enjoy and conserve the rich wildlife legacy around you. It will give you the know-how and the confidence to plan projects that provide habitats and homes for wildlife and to sustain your work once it’s complete. In clear, concise words and stunning imagery, this book will guide your management of grasslands, woodlands, wetlands, croplands, or your own backyard for the benefit of wildlife.

If you are teaching a course in Natural Resources Conservation Management or Environmental Science, this book is a natural addition to your reference library. DNR01 Creating Habitats and Homes for Illinois Wildlife (212 pages, 9.25” x 12.5”) sells for $25.00 and is listed on the tear sheet. KMc

Planning A Construction Project

This instructional unit is designed to provide instruction to beginners as they learn to plan and construct a wood or metal project. The unit provides step-by-step instruction for developing a project plan, creating a bill of materials, and making a stock cutting list. Additionally the unit provides instruction on developing a procedure for constructing the project. Determining material lists and purchasing materials is discussed with some information on pricing project materials.

Example pages for each project planning step are included in the unit. Blank pages for student use are also included in the unit. Sample student evaluation pages are provided in addition to a sample instructor evaluation form.

Planning a Construction Project contains:
- Grid for creating a working drawing
- Bill of materials blank
- Stock cutting list blank
- Construction procedure blank
- Student evaluation blank
- Instructor evaluation blank
- Performance report blank

U3051b Planning a Construction Project sells for $3.60 and is listed on the tear sheet. DW
State Agricultural Mechanics CDE Results

The State Ag Mechanics CDE was attended by 19 teams, 24 participants in ag power, 24 carpentry participants, 23 individuals participating in the electricity event, 21 surveying participants, and 26 participants in welding. The event was held in the Agricultural Engineering Sciences and Stock Pavilion buildings on the University of Illinois campus. Results are listed below:

<table>
<thead>
<tr>
<th>Superior Teams</th>
<th>Other Top Teams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Prairie Central 389.0</td>
<td>1. Delavan 346.5</td>
</tr>
<tr>
<td>2. PBL 355.5</td>
<td>2. Central-Breese 341.5</td>
</tr>
<tr>
<td>3. Olney 349.0</td>
<td>3. Woodland 334.5</td>
</tr>
</tbody>
</table>

**Superior Ag Power Individuals**
1. Wess Dotterer– Prairie Central 77.0
2. Chris Aeschelman– Delevan 74.0
3. Verlin Cokley– Olney 72.5

**Superior Electricity Individuals**
1. Lewis Schafer– Prairie Central 92.0
2. Kyle Marley– Nokomis 78.0
3. Doug Boehl– Olney 78.0
4. Tim Earhart– Indian Creek 78.0

**Superior Carpentry Individuals**
1. Dustin Eilers– Central-Breese 74.0
2. Travis Best– Gillespie 73.0
3. Nick Velde– Manteno 71.5

**Superior Welding Individuals**
1. Dustin Steidinger– Prairie Central 79.0
2. Bob Polland– Gillespie 79.0
3. Shawna Sharp– Payson 77.0

**Superior Surveying Individuals**
1. Caitlin Carson– PBL 86.0
2. Eric Steidinger– Prairie Central 82.0
3. Jordan Zimmer– Delevan 81.0

Section Meetings

ITCS staff has attended as many fall section meetings as our schedule will accommodate. We would like suggestions for new materials and revisions of existing materials. Revisions are assigned a priority rating as we ask your patience as we complete the revisions. If you have ideas that would assist ITCS to provide the materials you need, please contact Ken McPheeters, Nick Wherley, or Dave Wilson. If your section would like to have an ITCS representative attend a section meeting to provide a program for new teachers, or materials, please contact us at ITCS. DW
Western Illinois University Ag Department News

The 2007-2008 school year at Western Illinois University is underway with a host of activities in the agriculture education department. It may have rained the whole first week back to school, but that will certainly not set the tone for the rest of the academic year. The collegiate FFA members are already planning the District III FFA Greenhand Conference and Reporters’ Workshop, which is set for September 18 at Macomb High School in Fellheimer Auditorium. Registration will start at 5:00 p.m., the Greenhand Conference at 5:30, and the Reporters’ Workshop at 6:00. The 2005-2006 State FFA Treasurer and current Illinois National FFA Officer Candidate, Ashley Hanold, will be giving the keynote address. WIU also hosts the State Job Interview CDE, which will be on November 10, and the State Ag Issues CDE, which will be held on February 9. Both are being planned to start at 9:00 a.m. The agriculture education department is pleased to be sending 5 student teachers out this year. James Kennedy is at Newark this fall and the rest will be in the spring: Mary Olson at Cuba, Matt Meyer at Newark, Blaine Hartwick at Bluffs and Jackie Burns at Aledo. Bringing together the entire agriculture department will be the WIU Ag Day Football Game on November 3, with the kick-off at 1:05 p.m. That same morning will be the departmental open house for prospective students, with lunch before the game. Anyone can check out news about the entire agriculture department at www.wiu.edu/ag. On a final note, the West Central Ag Ed Advisory Council Meeting will be on September 26 starting at 5:00 p.m. at the Red Ox in Macomb. All teachers are invited to attend to review WIU’s annual report, see presentations from students who went overseas and eat a fantastic meal. Please RSVP to AJ-Baker@wiu.edu if you plan on attending.

State Horse Career Development Event

The State Horse CDE will be held September 15, 2007, at the Black Hawk Community College - East Campus near Kewanee, IL. Schools are allowed to enter one team in the reasons division and one team in the non-reasons division. Extra students are not allowed to judge. Rules for the event are on the 2006-07 Chapter Resources CD-ROM and are also available at this site. Registration will begin at 7:30 a.m., with instructions at 8:45 a.m. and the event will begin promptly at 9:00 a.m. Scantron cards will be used for the event.

Registration is as follows: For IAVAT members the fees are $7.00 per participant for non-reasons participants and $9.00 per participant for reasons participants (includes lunch). For nonmembers the fees are $28.00 per participant for non-reasons participants and $30.00 per participant for reasons participants (includes lunch). Fees are due at the time of registration.

Anderson joins University of Illinois Faculty

We are pleased to announce that Dr. James C. Anderson II has recently joined the faculty at the University of Illinois with a teaching and research appointment in our Agricultural Education program. Dr. Anderson returns back to his alma mater since completing his Bachelor’s Degree in Agricultural Education in 2000. James taught as a high school agricultural education instructor at the Chicago High School for Agricultural Sciences, the same high school he once attended. He received a Master's degree in Economics and Entrepreneurship for Educators from the University of Delaware at Newark in 2003. Most recently, Dr. Anderson completed his Ph. D. in Agricultural Education from the University of Missouri-Columbia where he also worked as the Assistant to the Director of Student Recruitment in the College of Agriculture, Food and Natural Resources as the liaison for underrepresented populations. Dr. Anderson along with Mr. Corey Flournoy will lead the University of Illinois Agricultural Education program as we continue to revamp our curriculum and courses of study. James can be reached at the U of IL by e-mail (jcandrs1@uiuc.edu) or by phone at 217/244-0285.
Registration for Salute to Ag Day

FFA Chapters - Join the University of Illinois and the College of ACES Alumni Association as we celebrate agriculture at the 2007 Salute to Ag Day! Register TODAY to join your fellow Illinois FFA members and friends at Salute to Agriculture Day on Saturday, October 6, two hours before kickoff as the Fighting Illini take on Wisconsin.

Registration is available online at:  https://webs.aces.uiuc.edu/acesalumni/salute.cfm

For more information contact Tina Veal, Director of Alumni Relations, by phone at 217-333-7744 or email at vealt@uiuc.edu

Contact the Staff

Orders (800) 345-6087  Ken McPheeters, Plant Sciences
FAX (217) 333-3917  kmcpheet@uiuc.edu
im.itcs.uiuc.edu  (217) 244-5186

Online ordering  Nick Wherley, Animal Sciences
pubsplus.uiuc.edu  wherley@uiuc.edu

Taft House  Dave Wilson, Agricultural Mechanics
Fax (217) 333-0005  dkwilson@uiuc.edu
(217) 244-5171

September 2007 News and Notes
News and Notes is published 5 times annually (September, November, January, March, and May) by ITCS Instructional Materials at the University of Illinois. Articles submitted for publication should conform to News and Notes specifications (available on request) and be clearly identified. Articles submitted by the 20th day of the month preceding each issue will be considered for publication in the next issue of News and Notes. For additional information, contact News and Notes Editor, ITCS Instructional Materials, University of Illinois, (217) 244-3906.

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**Dates to Remember**

**2007 Calendar of Events**

**September**
- 15 State Horse CDE, Black Hawk Community College, East Campus
- 19 State Forestry CDE, SIU

**October**
- 24-27 National FFA Convention, Indianapolis, IN

**November**
- 3 State Food Science CDE
- 10 State Job Interview CDE, Western Illinois University
- 14 ICAE/ILCAE Annual Meeting
- 22 Thanksgiving, UIUC holiday
- 23 UIUC holiday

**December**
- 11-15 NAAE Convention, Las Vegas, NV
- 24 Christmas Eve, UIUC holiday
- 25 Christmas, UIUC holiday
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<th>Amt.</th>
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<td>AGRON-07</td>
<td>Agronomy CDE Resources Tub</td>
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<td>DNR01</td>
<td>Creating Habitats and Homes for Illinois Wildlife, 212 pages</td>
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<td>MDS707b</td>
<td>Weed Identification CD-ROM</td>
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<td>MDS707b-10</td>
<td>Weed Identification Quiz Pack (10 CD-ROMs)</td>
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<td>R9800</td>
<td>Records of My Supervised Agricultural Experience Program</td>
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<td>R9803</td>
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<td>6.00</td>
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<td>R2006</td>
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Name ___________________________________________________  Date _________  P.O. __________
School ___________________________________________________________________________________
Address __________________________________________________________________________________
_________________________________________________________________________________________
Billing __________________________________________________________________________________
_________________________________________________________________________________________

F.E.I. No._____________________   or  S.S. No. ____________________  Phone_____________________
(For schools or companies) (For individuals)

Minimum amount for a charge order (including shipping) is $10.00. Checks should be made payable to the UNIVERSITY OF ILLINOIS but sent to Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820. For orders only call (800) 345-6087 or (217) 333-3871 or FAX (217) 333-3917 or send e-mail to pubsplus@uiuc.edu. We accept VISA and MasterCard.

*If payment is sent with this order, please include the following for shipping:

| For orders less than $5 add | $3.00 |
| For orders from $5 to $19.99 add | $4.00 |
| For orders from $20 to $99.99 add | $7.00 |
| For orders from $100 to $199.99 add | $9.50 |
| For each additional $100 add | $4.00 |

Subtotal __________
Shipping* __________
TOTAL __________
## Monthly Feed Prices

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<td>Corn, ground, shelled, bu.</td>
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<tr>
<td>Oats, bu.³</td>
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<td>2.53</td>
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<tr>
<td>Oats, ground, bu.</td>
<td>2.70</td>
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<tr>
<td>Wheat, bu.</td>
<td>4.42</td>
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<tr>
<td>Soybean Meal, 48%, ton</td>
<td>187.80</td>
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<tr>
<td>Corn silage, ton⁴</td>
<td>22.75</td>
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<tr>
<td>Hay, alfalfa, baled, ton⁵</td>
<td>135.00</td>
<td>147.50</td>
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<tr>
<td>Hay, other, baled, ton⁵</td>
<td>135.00</td>
<td>155.00</td>
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<tr>
<td>Straw, oat or wheat, ton⁵</td>
<td>75.00</td>
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¹ Based on prices at country elevators in central Illinois.
² Based on prices at country elevators in southern Illinois.
³ Based on prices at CBOT.
⁴ Estimated silage value as opportunity cost of harvesting crop as grain.
⁵ Based on prices direct off the farm in central Illinois.
**Insect Identification**

This is a PowerPoint CD-ROM for teaching insect identification. It includes all the insects on the Illinois Association of Vocational Agriculture Teachers Agronomy Career Development Event insect identification list (2007). Presentations include 1) the regular set with images and text descriptions of the insects, 2) a practice set without insect names appearing by the images, and 3) a set that is an interactive quiz presentation that allows the user to choose an image to answer a question. Also includes a short presentation on insect anatomy, insect life cycles, and economic injury. Teachers will like the Quiz Planner for creating multiple quizzes for classroom use. In all, there are more than 150 frames on this CD.

Insects described on the CD include:

- Alfalfa weevil
- Aphid
- Armyworm larva
- Assassin bug
- Bean leaf beetle
- Blister beetle
- Chinch bug
- Corn earworm larva
- Corn rootworm larva
- Cricket
- Cutworm larva
- European corn borer larva
- Flea beetle
- Grain weevil
- Grasshopper
- Green lacewing
- Honeybee
- Japanese beetle
- Lady beetle larva
- Leaf skeletonizer
- Leathopper
- Mexican bean beetle
- Scale
- Spider mite
- Spittlebug
- Spotted cucumber beetle/southern corn rootworm beetle
- Stink bug
- Tobacco/tomato hornworm larva
- Western corn rootworm beetle
- White grub
- Wireworm

**MDS708 Insect Identification** sells for $30.00 and is listed on the tear sheet. *KMc*
Crop Seed Samples
Consolidated Set

This set of 41 crop seed samples is a consolidated set that includes the crop seed samples formerly in Z7003 and Z7003.1 (Z7003.1 was the 2007 update; both Z7003 and Z7003.1 are now out-of-stock). Z7003a Crop Seed Samples comes in a convenient storage box, includes a key to the samples, and contains:

- Alfalfa
- Alsike clover
- Barley
- Birdsfoot trefoil
- Broccoli
- Bromegrass
- Canola
- Corn
- Cotton
- Cucumber
- Fescue
- Grain sorghum
- Kentucky bluegrass
- Ladino clover
- Lespedeza
- Lettuce
- Lima bean
- Muskmelon
- Oats
- Orchardgrass
- Pea
- Peanut
- Perennial ryegrass
- Popcorn
- Pumpkin
- Red clover
- Redtop
- Rice
- Rye
- Safflower
- Soybean
- Sudangrass
- Sugar beet
- Sunflower
- Sweet clover
- Sweet corn
- Timothy
- Tomato
- Vetch
- Watermelon
- Wheat

Z7003a Crop Seed Samples sells for $36.00 and is listed on the tear sheet. KMc

EZ Records - Agriscience Record Book Available

The new agriscience record book is now available to all EZ Records users. To review the agriscience record book users will need to create a new enterprise and select the agriscience category when naming the enterprise. Each student’s experiment should be entered in a new set of enterprise pages. DW
Weed Seed Samples  Consolidated Set

This set of 42 weed seed samples is a consolidated set that includes the weed seed samples formerly in Z7004 and Z7004.1 (the 2007 update). Z7004a Weed Seed Samples comes in a convenient storage box, includes a key to the samples, and contains:

- Barnyardgrass
- Buckhorn plantain
- Burdock
- Chicory
- Common cocklebur
- Common lambsquarters
- Common mallow
- Common milkweed
- Common mullein
- Common ragweed
- Curly dock
- Dandelion
- Fall panicum
- Field bindweed
- Field pennycress
- Giant foxtail
- Giant ragweed
- Green foxtail
- Horseweed (marestail)
- Ivyleaf morningglory
- Jimsonweed
- Johnsongrass
- Ladysthumb smartweed
- Large crabgrass
- Musk thistle
- Peppergrass
- Prickly sida
- Purslane
- Quackgrass
- Redroot pigweed
- Shattercane
- Shepherd’s-purse
- Velvetleaf
- Waterhemp
- Wild carrot
- Wild mustard
- Wild oats
- Wild parsnip
- Wild sunflower
- Woolly cupgrass
- Yellow foxtail
- Yellow nutsedge nutlets

Z7004a Weed Seed Samples sells for $99.00 and is listed on the tear sheet. KMc

Weed Seed Samples, Part 2  NEW

This set of 14 weed seed samples is a supplement to Z7004 Weed Seed Samples (now out-of-stock).

Weed Seed Samples, Part 2 comes in a convenient storage box, includes a key to the samples, and contains:

- Burdock
- Chicory
- Common mallow
- Common mullein
- Dandelion
- Field bindweed
- Prickly sida
- Shepherd’s-purse
- Waterhemp
- Wild oats
- Wild parsnip
- Wild sunflower
- Woolly cupgrass
- Yellow foxtail
- Yellow nutsedge nutlets

Z7004.1 Weed Seed Samples, Part 2 sells for $35.00 and is listed on the tear sheet. KMc
Weed Identification

This is a PowerPoint CD-ROM for teaching weed identification. It includes all the weeds on the Illinois Association of Vocational Agriculture Teachers weed identification list (2007 revision). Presentations include 1) the regular set with images and text descriptions of the weeds, 2) a practice set without weed names appearing by the images, and 3) a set that is an interactive quiz presentation which allows the user to choose an image to answer a question.

This revision includes 1) weeds added for the 2007 event, 2) expanded descriptions for life cycles and areas where the weeds grow, 3) seedling descriptions, and 4) more photographs, including many seed and seedling photographs.

In all, there are nearly 700 frames on this CD. Weeds described on the CD include:

- Barnyardgrass
- Bitter nightshade
- Broadleaf plantain
- Buckhorn plantain
- Bull thistle
- Burdock
- Canada thistle
- Carpetweed
- Cheat
- Chicory
- Common chickweed
- Common cocklebur
- Common lambsquarters
- Common mallow
- Common milkweed
- Common mullein
- Common ragweed
- Curly dock
- Daisy fleabane
- Dandelion
- Eastern black nightshade
- Fall panicum
- Field bindweed
- Field pennycress
- Flower-of-an-hour (Venice mallow)
- Foxtail barley
- Giant foxtail
- Giant ragweed
- Goosegrass
- Green foxtail
- Hedge bindweed
- Hemp dogbane
- Hemp (Marijuana)
- Honeyvine milkweed
- Horseradish
- Horseweed (Marestail)
- IVyleaf morningglory
- Jimsonweeds
- Johnsongrass
- Ladysthumb smartweed
- Large crabgrass
- Musk thistle
- Peppergrass
- Perennial sowthistle
- Pigweeds (Redroot, Smooth)
- Prickly lettuce
- Prickly sida
- Prostrate knotweed
- Purslane
- Quackgrass
- Shattercane
- Shepherd’s-purse
- Stinkgrass
- Tall morningglory
- Velvetleaf
- Waterhemp
- Wild carrot
- Wild garlic
- Wild mustard
- Wild parsnip
- Wild sunflower
- Woolly cupgrass
- Yarrow
- Yellow foxtail
- Yellow nutsedge
- Yellow woodsorrel

MDS707b-10 Quiz Pack is a set of 10 identical CD-ROMs with only the quizzes and interactive quizzes. Useful to issue to students for self study in the agronomy classroom, the school computer lab, or at home.

MDS707b Weed Identification sells for $70.00; MDS707b-10 Weed Identification Quiz Pack sells for $200.00; both are listed on the tear sheet. KMc
Agronomy CDE Resources Tub

Contains ITCS resources displayed at the 2007 IAVAT Conference. These resources support team training for these Agronomy CDE areas:

- Written exam
- Weed ID
- Crop ID
- Placing classes
- Practicums—insects and soils

For a complete listing of what is in the tub, go to im.itcs.uiuc.edu and follow the link to AGRON-07 Agronomy CDE Resources Tub.

AGRON-07 sells for $600.00 and will be available for a limited time. KMc

Ordering Record Books

We receive questions from teachers who are not sure of the record book sections they need to order. Our reply recommends the teacher order one R2006 EZ Records for each student in the department and all record book materials are available. When teachers order paper record books we recommend the teacher order one R9800 Records of My Supervised Agriculture Enterprise Program basic book with cover (white pages) for each student who will be keeping records, one (1) R9801 Animal Enterprise section (yellow pages) for each animal production enterprise in your department, one (1) R9802 Business Enterprise section (blue pages) for each placement or non-production enterprise in your department, and one (1) R9803 Crop Enterprise section (green pages) for each crop production enterprise in your department. Example: a student with two (2) market steers, 5 sows, 7 acres of corn, a home garden, and is placed at the local Veterinary Clinic. This student will require one (1) R2006 EZ Records or one (1) R9800 (basic book), two (2) of R9801 (for beef and swine), one (1) R9802 (for placement), and two (2) of R9803 (for corn and garden). DW

Judging Card Update

As noted in the 2007 ITCS Instructional Materials catalog and as announced at IAVAT fall section meetings, this will be the last year we distribute judging cards. To date, these cards have sold out and will not be reprinted:

- J999.100 Regular Placing Cards
- J999.102 Female Selection Class (Keep-Cull)
Creating Habitats and Homes for Illinois Wildlife

What is your interest in wildlife? Do you feed, watch, or photograph birds? Do you hunt deer, mallards, or pheasants? Maybe you like listening to frogs in the spring. Or perhaps you just admire the beauty of the natural world.

Creating Habitats and Homes for Illinois Wildlife will instruct and encourage you to enjoy and conserve the rich wildlife legacy around you. It will give you the know-how and the confidence to plan projects that provide habitats and homes for wildlife and to sustain your work once it’s complete. In clear, concise words and stunning imagery, this book will guide your management of grasslands, woodlands, wetlands, croplands, or your own backyard for the benefit of wildlife.

If you are teaching a course in Natural Resources Conservation Management or Environmental Science, this book is a natural addition to your reference library. DNR01 Creating Habitats and Homes for Illinois Wildlife (212 pages, 9.25” x 12.5”) sells for $25.00 and is listed on the tear sheet. KMc

Planning A Construction Project

This instructional unit is designed to provide instruction to beginners as they learn to plan and construct a wood or metal project. The unit provides step-by-step instruction for developing a project plan, creating a bill of materials, and making a stock cutting list. Additionally the unit provides instruction on developing a procedure for constructing the project. Determining material lists and purchasing materials is discussed with some information on pricing project materials.

Example pages for each project planning step are included in the unit. Blank pages for student use are also included in the unit. Sample student evaluation pages are provided in addition to a sample instructor evaluation form.

Planning a Construction Project contains:
- Grid for creating a working drawing
- Bill of materials blank
- Stock cutting list blank
- Construction procedure blank
- Student evaluation blank
- Instructor evaluation blank
- Performance report blank

U3051b Planning a Construction Project sells for $3.60 and is listed on the tear sheet. DW
Renewing your subscriptions. It is time to start thinking about renewing subscriptions for EZ Records. When an EZ Records subscription gets close to expiration, a message will appear on the Record Book Main Page. This message is a reminder that the end of the subscription period is fast approaching. The message appears 30 days prior to the end of the subscription and counts down from 30 to 0 days. Users should acquire another access code for the renewal process. The countdown clock will also display a Renew link. Clicking on the link opens the renew account window with a data cell to enter the new access code. Clicking the Validate Code button renews the account. The Record Book Main Page opens providing the user access to their records for another 14 months. DO NOT ATTEMPT TO RENEW AN ACCOUNT UNTIL THE RENEW LINK APPEARS. Access codes are available from ITCS Instructional Materials. Contact ITCS at (800) 345-6087, FAX (217) 333-3917, or mail orders to ACES Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820.

If an account has expired, records are not lost. When a user attempts login to their EZ Records account that has expired, the renew window opens providing a place for the user to enter a new access code. Clicking the Validate Code button will renew the account and provide the user access to their records.

EZ Records tips. Printing record book pages is accomplished by printing each page individually. Use similar procedures that you would use to print a document from any Windows program. The pull down menu under File may be used. Some users prefer to use keyboard strokes to print. The Ctrl+P command will also start the printing procedure. An additional printing command may be initiated through the print icon located in your tool bar. This command will typically send the print task to your default printer.

An accepted practice for generating the monthly totals for Wage/Labor Summary requires users to total the entries on page 5A, B, C, or S (Record of Experiences). When totaling the monthly entries, the totals may become difficult to identify as they mix with the daily entries. To make the monthly totals easier to identify insert 10 asterisk symbols in front of the Monthly total entry followed by 10 more asterisk symbols (**November totals***) then place the totals in the appropriate column.

EZ Records security. EZ Records data is stored in a server located in the College of Agricultural, Consumer and Environmental Sciences and is very secure. Each individual account is only as secure as the password the user selects. To avoid someone other than the user from accessing their account, their password should not be shared with other students. We recommend using unique passwords that are kept private and not shared.

EZ Records FCAE subsidy. The FCAE project is providing a subsidy to reduce the user price of EZ Records to $3.00 per subscription for Illinois users. Schools should continue to order EZ Records using the traditional methods and EZ Records access codes will be sent to teachers via e-mail. The price will continue to appear as $6.00 in the catalog but for each Illinois school ordering EZ Records, the price charged is $3.00. Do not order EZ Records access codes from the web using a credit card, if you wish to order EZ Records and purchase them with a credit card please call (800) 345-6087. Do not order quantities larger than your school needs as FCAE has a limited budget for this project.

Teacher View accounts. ITCS will continue to provide complimentary EZ Records Teacher View access codes to teachers. When a school orders EZ Records, a Teacher View access code with a few directions is e-mailed to the teacher. If a teacher/school receives EZ Records access codes from another source such as from an inservice activity or workshop, you must request a teacher view access code by contacting Dave Wilson at ITCS.

Continues on the next page....
The teacher view account provides access to *EZ Records* student record books electronically. Teachers have the opportunity to make comments on each record book page and may score each page as part of a grading schedule. The grades may be changed at the discretion of the teacher at any time during the grading period. The software also tabulates a total score for each enterprise, core record pages, and creates a grand total score which is expressed as a percentage of the total possible. A scoring and comment summary is available and may be printed to provide a hard copy.

**Enterprise naming change.** One of the features of the web-based record book is the opportunity to extract state data. Previous generations of students had the option to name their record book enterprises what ever name they wished; we would like to suggest a name change that includes a little more information. For example, a student who has an enterprise named heifers may not provide as much information to determine if the heifers are beef or dairy. Another example is a crop enterprise named Wilson farm but does not indicate what crop is being grown.

Our recommended naming sequence includes entering the names such as Beef – steers, Beef – show calves, Beef – feeder cattle, Dairy – heifers, Dairy – cows, Corn – Wilson farm, Soybeans – Wise farm, Soybeans – Miles farm. The agribusiness category may also contain vague enterprise names, and including a more complete name specific to the enterprise will be beneficial in the future. Students should avoid naming an enterprise with a proficiency award area title; the enterprise name should be more specific. An example might include an enterprise name such as Floriculture when the student is actually employed at the Old English Hedge Florists. A better name may include the name of the floral shop. A student mowing lawns would not name the enterprise Turf Management but rather a name that might include more specific information, such as ‘Blue Ribbon Lawn Care’.

Agriscience records should be named with the name of the major category for experiment followed by the experiment name. Example categories include; Biochemistry/Microbiology/Food Science, Botany, Engineering, Environmental Science, or Zoology. Sample enterprise names may include; Botany – Effect of light on germination, Food Science – Temperature effects on growth of bread mold, Engineering – How temperature affects oil viscosity.

**Receiving record book access codes.** Teachers have reminded ITCS that they sometimes do not receive their *EZ Records* access codes. *EZ Records* access codes are sent to teachers via e-mail. If you do not receive your access codes is a timely period, be sure to contact us and we will determine a method so you receive your access codes. Our e-mail list may contain an error or some teachers place filters that block or send the messages to a junk mail folder when they are automatically generated, such as the automatically generated message containing *EZ Records* access codes.

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**ITCS Instructional Materials Display at NAAE Convention**

ITCS Instructional Materials will have a display at the 2007 NAAE Convention in Las Vegas, Nevada. Please stop by our booth during the NAAE Organizational and Partners Reception on Friday, December 14th at the Riviera Hotel and Casino. We plan to feature *EZ Records* and other ITCS catalog items. We would appreciate it if our Illinois teachers and colleagues bring their newly made or old out-of-state friends by the booth. *ITCS Team*
State Agronomy Career Development Event

The 2007 State Agronomy CDE will be Saturday, December 1. Registration will begin at 8:30 a.m. at the Stock Pavilion on Pennsylvania Avenue at the University of Illinois, Urbana-Champaign. Group leaders will lead their groups to Turner Hall immediately following the 9:45 announcements at the Stock Pavilion. Refer to the Agronomy Career Development Event Rules and General Rules for more information. Scantron score sheets will be used. Participants will need to bring a clipboard and a couple of pencils for filling in the Scantron sheets. The following references will help prepare a team:

- **MDS707b Weed Identification** is composed in Microsoft PowerPoint. It includes all the weeds on the IAVAT weed identification list (2007 revision).
- **MDS707b-10** is the Weed Identification Quiz Pack. Useful for student drill and practice at school or at home.
- **U4073 The Weed Factor** is an 8-page publication that discusses how weeds impact agriculture. Lists Illinois primary noxious, secondary noxious, and common weeds that are likely to occur in corn, soybeans, wheat, and oats.
- **J790 Crop Judging** is a judging manual that describes judging wheat, soybeans, corn, oats, silage, and hay.
- **MDS708 Insect Identification** is composed in Microsoft PowerPoint and should run equally well on PCs or Macs. It includes all the insects on the IAVAT Agronomy CDE insect identification list.
- **AGRCON-07** is the Agronomy CDE Resources Tub which contains a wide variety of resources that will be helpful for training a team for the state event.

This year's event is hosted by the University of Illinois Department of Crop Sciences. *KMc*

mAGic Kits and Curriculum CD-ROMs

The Multidisciplinary Agricultural Integrated Curriculum (mAGic) Kits are currently being assembled and early shipments have begun. If you had a backordered Poultry or Insect mAGic Kit, it has been shipped or your order is being processed. Plant, Soil, Dairy, and Machine Kits will begin shipping throughout the month of November.

The Curriculum CD-ROMs for Insect, Poultry, Plant, Soil, Dairy, and Machine Kits are available now for purchase. The Curriculum CD-ROMs contain a PDF version of the printed activity guide found in each kit. You do not need to purchase a CD-ROM separately when purchasing a complete kit. The CD-ROM is included in the printed notebook.

For more information about the mAGic Kits, please visit our web site at [http://im.itcs.uiuc.edu](http://im.itcs.uiuc.edu) and click on the brochure. *NRW*
Lincoln Land Community College to host 11th Annual Crops CDE

Illinois FFA Chapters are invited to participate in the 11th LLCC Crops Judging CDE, which will be held on Tuesday, November 6, 2007 in the Millennium Center on the main campus in Springfield. Registration will be held in the Trutter Conference Center starting at 5:30 p.m., and the contest itself will be held in the Millennium Center, home of the LLCC Agriculture Department. We will start at 6:00 p.m., and give the placings and reasons immediately after the students finish. The format will follow the newly adopted State FFA Crops CDE, including and exam, crop, weed, and insect identification, and four placing classes of grain or forages. Teachers and students are welcome to examine the rings after the contest for discussion and questions. We will also use the Multi Purpose CDE Scantron form for contestants. This will preclude us from announcing winners that evening, but we will send results to all participating schools before the week is over. Prizes will be awarded to top teams and students. Schools may bring up to six members, with the top three scores counting. Registration fees will be $2.00 per contestant. Schools planning on attending are asked to call Bill Harmon at 217-786-2573, or email at bill.harmon@llcc.edu to help us have enough materials ready. Feel free to contact Bill if you have any other questions.

Joliet Junior College Career Days

The Agriculture and Horticulture Sciences Department at Joliet Junior College will be hosting two CAREER DAYS this fall on November 14th and 17th. Prospective students can hear from current JJC students about the careers they are preparing for in Agriculture, Horticulture and Veterinary Medical Technology as well as visit JJC’s laboratories and the NEW Weitendorf Agriculture Education Center. For more information call 815/280-2320 or go to: www.jjc.edu/Dept/AGRI/PDFs/careerdayflier2007.pdf

2008 Illinois Sheep Shearing School

The 2008 Illinois Sheep Shearing School will be held Friday April 4th and Saturday April 5th at the Livestock Center, Western Illinois University in Macomb. School will begin at 10 a.m. on the 4th and continue till 5 p.m. On Saturday the 5th school will start at 8 a.m. and continue till 3 p.m.

Cost of the school is $50 per person. Equipment will be supplied by the school. Students will be taught the Australian method of shearing which is used world wide. Additionally, table shearing will be taught on Saturday. Equipment will be available for purchase.

Students will learn about the care and upkeep of shearing equipment and will be supplied with a notebook full of important information. The school is capped at 20 students.

For more information, contact Richard Cobb, Extension Sheep Specialist, at 217-333-7351 or email at arcobb@uiuc.edu
State Dairy Foods Career Development Event

The University of Illinois will be the site of the 2007 IAVAT Dairy Foods Career Development Event on Saturday, December 1st. Registration will begin at 8:30 a.m. at the Stock Pavilion on Pennsylvania Avenue. IAVAT new registration fees are $7.00 per participant for IAVAT members and $28.00 per participant for nonmembers. Please review the Dairy Foods Career Development Event Rules and General Rules for Career Development Events before attending the event. Participants will need to bring a clipboard and a couple of #2 pencils for filling in the Scantron sheets. The following references will help prepare a team:

- **J250c Judging and Identifying Dairy Products.** ITCS Instructional Materials, 1401 South Maryland Dr., Urbana, IL 61801 (800) 345-6087 FAX (217) 333-3917

- **Career Development Events Handbook 2006-2010.** National FFA Organization, P.O. Box 68960, 6060 FFA Drive, Indianapolis, IN 46268-6060

- **Hoard’s Dairyman.** Publisher’s address: P.O. Box 801, Fort Atkinson, WI 53538 Phone (414) 563-5551. School subscription offered at a discount. Issues used are from September of previous year to August of current year.

- **Dairy Facts (updated annually).** Available from the International Dairy Foods Association online only at [www.idfa.org](http://www.idfa.org) Use issue of previous year of contest.

- California Mastitis Test. Available from NASCO, 901 Janesville Ave., Fort Atkinson, WI 53538. Call (800) 558-9595 and request catalog item 06059N or visit [www.enasco.com](http://www.enasco.com)

- **Dairy Outlook and Situation Report** (six issues per year). Use issues beginning with August of previous year through July of current year of event. Available for free at [http://future.aae.wisc.edu/NRW](http://future.aae.wisc.edu/NRW)

Contact the Staff

<table>
<thead>
<tr>
<th>Orders (800) 345-6087</th>
<th>Ken McPheeters, Plant Sciences</th>
<th><a href="mailto:kmcpheet@uiuc.edu">kmcpheet@uiuc.edu</a></th>
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<tr>
<td>FAX (217) 333-3917</td>
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<td>(217) 244-5186</td>
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<td>im.itcs.uiuc.edu</td>
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<tr>
<td>Online ordering</td>
<td>Nick Wherley, Animal Sciences</td>
<td><a href="mailto:wherley@uiuc.edu">wherley@uiuc.edu</a></td>
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<tr>
<td>pubsplus.uiuc.edu</td>
<td></td>
<td>(217) 244-5170</td>
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<tr>
<td>Taft House</td>
<td>Dave Wilson, Agricultural Mechanics</td>
<td><a href="mailto:dkwilson@uiuc.edu">dkwilson@uiuc.edu</a></td>
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<tr>
<td>Fax (217) 333-0005</td>
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<td>(217) 244-5171</td>
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News and Notes is published 5 times annually (September, November, January, March, and May) by ITCS Instructional Materials at the University of Illinois. Articles submitted for publication should conform to News and Notes specifications (available on request) and be clearly identified. Articles submitted by the 20th day of the month preceding each issue will be considered for publication in the next issue of News and Notes. For additional information, contact News and Notes Editor, ITCS Instructional Materials, University of Illinois, (217) 244-3906.

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**Dates to Remember**

**2007-2008 Calendar of Events**

**November**
3 State Food Science CDE, Pleasant Hill High School
7 ITCS Instructional Materials Advisory Committee meeting
10 State Job Interview CDE, Western Illinois University
14 ICAE/ILCAE Annual Meeting
22 Thanksgiving, UIUC holiday
23 UIUC holiday

**December**
1 State Dairy Foods and Agronomy CDEs, University of Illinois
11-15 NAAE Convention, Las Vegas, NV
24 Christmas Eve, UIUC holiday
25 Christmas, UIUC holiday

**January**
1 New Year’s Day, UIUC holiday
18-19 Made for Excellence Conference
21 Martin Luther King, Jr. Day, UIUC holiday

**February**
9 State Ag Issues CDE, Western Illinois University
16 State Parliamentary Procedure CDE, Lincoln Land Community College
2007-2008 IAVAT Committee Appointments

10/15/07

Ag Ed Advisory and Teacher Recruitment

1  3  Harley Hepner (Vice Chair)  Kewanee  2008
1  4  Jay Solomonson (Chair)    Orion    2010
2  7  Toni Saso                 Indian Creek 2010
2 10  Mike Walsh                Manteno   2008
3 14  Brett Hitchings           New Berlin 2010
3 14  Jennifer Herman-Waters    A-C Central 2009
4 17  Marisa Pastrovich         Rantoul   2010
4  --
5 24  Carrie Koester            Pinckneyville 2010
5 25  Jean Bond                 Harden Co. 2009
At Large 4  Aaron Heartt        Aledo     2009
11  Steve Sargeant             Bushnell-Prairie City 2008
CC  Bill Harmon                 Lincoln Land C. C. 2008
    Jim Craft                   Executive Director
    James Anderson             University of Illinois
    Dr. Wakefield/Dr. Pence   Southern Illinois University
    Dick Steffen               Illinois State University
    Andy Baker                 Western Illinois University

IAVAT Board  Bill Johnson       JJC
ISBE  Ron Reische               Springfield
Retired Associate  Gary Taets   Sheffield

Awards Committee

1  4  Brian Cirks (Chair)       Alexis    2010
1  4  Troy Coziahr              Sherrard   2008
2  7  Kent Weber                Seneca    2008
2 10  Jeff Clifton              Crescent-Iroquois 2010
3 11  Lane Glick               Central (Camp Point) 2009
3 11  Morris McClelland (Vice Chair) Rushville-Industry 2010
4 19  John Rentfrow             Shelbyville 2008
4 20  Dale Will                 Neoga     2008
5 22  Josh Berg                 Okawville 2009
5 21  Jeff Jacobs               Carlyle    2010
At Large 11  Corrine Galvan     West Prairie 2009
At Large 11  Dan Oilar          Nauvoo-Colusa 2009
At Large 4  Mark Ericson        Knoxville 2009
CC  Curt Rincker               Lake Land College 2009
IAVAT Board  Morris McClelland  Rushville
Retired Associate  Wes Thompson  Serena
### Career Development Event (CDE) Committee

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<td>Ed Curry</td>
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<td>Darrell Gittings</td>
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<td>2</td>
<td>Kevin Price</td>
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<td>Don Lockwood (Vice Chair)</td>
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<td>Retired Associate</td>
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### ICAE Advisory Committee

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<td>Justin Ebert</td>
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<td>Stillman Valley</td>
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<td>Matt Wilson (Chair)</td>
<td>Somonauk</td>
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<td>John Kabat</td>
<td>Mt. Vernon</td>
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<td>Prophetstown</td>
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<td>Stan Toepfer</td>
<td>Eastland (Lanark)</td>
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Membership and Professionalism Committee

1  4 Rod Main (Vice Chair)  ROWVA  2009
1
2  7 Larry Kolb  Streator  2007
2  7 Chad Mahler  Serena  2008
3 11 Donald Bumphrey  Warsaw  2008
3 15 Rick Spencer  Gillespie  2008
4 19 Marty Niehaus (Chair)  Hillsboro  2008
4 18 Jeff Coon  Oakland  2010
5 22 Whitney Hand  New Athens  2010
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2  6 Kevin Cleary  Ottawa  2010
2  7 Joe Steffen  Newark  2008
2  6 Kara Poynter (Vice Chair)  Harvard  2008
3 11 Corinne Galvan  West Prairie  2008
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3 13 Kevin Brannan  Carrollton  2008
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4 18 Debra Korte  Kansas  2009
4 18 Gary Ochs (Vice-MFE North)  Paris  2008
5 22 Tim McDermott (Vice-MFE South)  Waterloo  2008
5 23 David Scott  Wayne City  2009
5 25 Bill Kittinger  Eldorado  2010

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At Large  5  Steve Kiesewetter  Metamora  2008
At Large  Jean Bond  Hardin County  2009
At Large  Diana Loschen  Tri Point  2008
CC  Bill Good  Blackhawk East  2008

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Consultant

IAVAT Board  Tim Reed  Southwestern
ISBE  Ron Reische  Springfield
ITCS  Ken McPheeters  U of I
Retired Associate  Carl Reed  Barrington

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1  1 Heather Obert  Dakota  2009
2  7 Jeff Landers  Mendota  2008
2  9
3 14 Terry Brown  Athens  2008
3 13 Alan Merriman  Bluffs  2008
4 16 Jo Ellen Seaman (Vice Chair)  Arthur  2010
4 18 Mark Wright (Chair)  Georgetown-RF  2009
5 21 Matt Pokojski  Salem  2008
5 21 Tamra Gerstenecker  Carlyle  2010
CC  Don Bergfield  Parkland  2009

IAVAT Board  Mark Steber  East Richland (Olney)
Retired Associate  Lawrence Huseman  Campbell Hill
## Special Projects Committee

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IAVAT Board: Jeff Maierhofer (Chair), James Anderson (University of Illinois), Dexter Wakefield (Southern Illinois University), Richard Steffen (Illinois State University), Andy Baker (Western Illinois University), Jim Craft (Executive Director), Retired Associate: Richard Petrowich (New Athens)

## State Fair Advisory Committee

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## Budget Study Committee

Charlie Sappington (Chair), Morris McClelland, Bill Johnson, James Craft, Past Presidents’ Club: Mark Steber (Chair), Al Dietz, Larry Littlefield, Frank Dry, Retired Associate: Dennis Harper

## Past Presidents’ Club

Mark Steber (Chair), Al Dietz, Larry Littlefield, Frank Dry
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Minimum amount for a charge order (including shipping) is $10.00. Checks should be made payable to the UNIVERSITY OF ILLINOIS but sent to Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820. For orders only call (800) 345-6087 or (217) 333-3871 or FAX (217) 333-3917 or send e-mail to pubsplus@uiuc.edu. We accept VISA and MasterCard.

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<td>2.99</td>
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<td>Corn, ground, shelled, bu.</td>
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<td>Grain sorghum, bu.²</td>
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<td>Oats, bu.³</td>
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<td>Corn silage, ton⁴</td>
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¹ Based on prices at country elevators in central Illinois.
² Based on prices at country elevators in southern Illinois.
³ Based on prices at CBOT.
⁴ Estimated silage value as opportunity cost of harvesting crop as grain.
⁵ Based on prices direct off the farm in central Illinois.
82nd Annual Summary of Illinois Farm Business Records: 2006

C1388-07, the 82nd Annual Summary of Illinois Farm Business Records: 2006 is now available for $8.00 from ITCS Educational Publishing (order online at pubsplus.uiuc.edu after January 15, or call 800-345-6087 toll-free).

This newest annual update of farm business records for the state of Illinois provides both historical perspective and a big-picture view of farming across the state. It is full of information critical to spotting market trends, making major financial decisions, and comparing similar operations.

Each edition covers:
• Per-acre return and cost figures
• Yearly changes in net farm income for grain and livestock enterprises and average yields
• Economic trends and patterns that provide benchmark figures for a wide range of expenses, including seed, pesticides, fertilizers, equipment, land, buildings, and labor. MB

EZ Records - Agriscience Record Book Available

Agriscience enterprises now have a new set of record book insert pages, available as part of EZ Records and as printed record book inserts. Specific pages have been created providing tables and spaces for recording agriscience enterprise activity. A new set of insert pages is required for each enterprise (experiment). Selected additional pages are available for the printed record book, such as the record of experiences, literature review, conclusion, and procedure used.

EZ Records makes the insert pages available without any additional expense—just select the agriscience category when creating a new enterprise. DW

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<td>Calendar</td>
<td>10</td>
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<tr>
<td>Tear Sheet</td>
<td>11</td>
</tr>
<tr>
<td>Feed Prices</td>
<td>13</td>
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Meats Evaluation and Technology Career Development Event

The 2008 State IAVAT Meats Evaluation and Technology CDE will be held on Saturday, March 1, at the University of Illinois. Registration will be from 9:00 until 9:45 a.m. in the Stock Pavilion. The event will begin at 10:00 a.m. in the Meat Sciences Laboratory. Registration fees are $7.00 per participant for IAVAT members and $28.00 per participants for nonmembers. Optional preregistration is due to the State IAVAT office by February 10th with fees included. Scantrons will be used for the event. Each participant is required to bring a clipboard, a couple of pencils, a frock, and a hair net. Hard hats are not required, but the frock and hair net must be worn through the entire event. Participants are encouraged to dress properly for judging in the cold storage areas. Please refer to the Meats Evaluation and Technology Career Development Event Rules and the IAVAT General Rules for more information.

Meat Identification Series
The following items can be used to prepare for the Meats CDE. Ordering information is on the tear sheet.

- **MDS100 – Meat Cut Identification and Technology** is an onscreen instructional material that follows the same format as MDS707a- Weed Identification Digital Slide Sets. This set is composed in Microsoft PowerPoint and should run well on PCs or Macs. Image quality is excellent and includes a wide array of information on beef, pork, and lamb cut identification, location of cut on the carcass, and cooking methods. Also included in the CD is an orientation session that includes primal cut identification and definitions of the different types of cuts. It includes all the meat cuts on the IAVAT meat identification list.

  Presentations include a regular set with images and text descriptions of the cuts, a practice set that includes only the identification features without the names of the cuts, a practice contest that includes 30 images, and an interactive quizzing presentation which allows the user to identify the proper cut among three. In all, this CD includes over 700 slides.

- **MDS100-10 – Meat Cut Identification and Technology Quiz Pack** of 10 CD-ROMs containing practice set, practice contest, and interactive quizzes only from MDS100. NRW
State Poultry Career Development Event

The 2008 State IAVAT State Poultry CDE will be held at Shelbyville High School on Saturday, March 15th. Registration will be from 9:00 a.m. until 9:45 with the event beginning at 10:00 a.m. The registration fee is $7.00 per participant for IAVAT members and $28.00 per participant for nonmembers.

Classes to be evaluated-
   Breaded Chicken Patties
   Place 2 to 3 production rings- placed on past egg production
   Place a carton of eggs, according to the latest USDA standards
   Grade 10 interior quality eggs, according to the latest USDA standards
   Grade 10 exterior quality eggs, according to the latest USDA standards
   Grade 10 broiler carcasses (2 to 6 lbs.), according to the latest USDA standards
   Identify 23 broiler parts
   Take the 2006 written exam consisting of 25 multiple-choice questions

Questions on the exam will be taken from the information in U1052 Caring for the Small Laying Flock (out of print); J120b Judging and Grading Poultry and Eggs; and Poultry Science Manual for National FFA Contest, No. 0418-4, fourth edition. The manual can be purchased from IMS, Texas A & M University (979) 845-6608. Item J120b can be found on the tear sheet.

For additional information refer to the General Rules and the rules for the Poultry CDE from IAVAT. A team may consist of five members with the top three scores used to calculate team scores. The low individuals on the team will not be eligible for individual awards. NRW

mAGic Kits and Curriculum CD-ROMs

The Multidisciplinary Agricultural Integrated Curriculum (mAGic) Kits are currently being assembled and early shipments have begun. If you had a backordered Poultry or Insect mAGic Kit, it has been shipped or your order is being processed. Plant, Soil, Dairy, and Machine Kits will begin shipping throughout the month of November.

The Curriculum CD-ROMs for Insect, Poultry, Plant, Soil, Dairy, and Machine Kits are available now for purchase. The Curriculum CD-ROMs contain a PDF version of the printed activity guide found in each kit. You do not need to purchase a CD-ROM separately when purchasing a complete kit. The CD-ROM is included in the printed notebook.

For more information about the mAGic Kits, please visit our web site at http://im.itcs.uiuc.edu and click on the brochure in the featured items list. NRW
Ordering Record Books

We regularly receive questions from teachers who are not sure which record book sections they need to order. We often recommend ordering one subscription to R2006 EZ Records for each student in the department and all record book materials are available. For teachers who work with paper record books, we recommend ordering one copy of R9800 Records of My Supervised Agriculture Enterprise Program, together with the following: cover (white pages) for each student who will be keeping records; one R9801 Animal Enterprise section (yellow pages) for each animal production enterprise; one R9802 Business Enterprise section (blue pages) for each placement or non-production enterprise; one R9803 Crop Enterprise section (green pages) for each crop production enterprise; and one R9818 Agriscience Enterprise section (salmon pages) for each agriscience enterprise. So, for example, a student who has 2 market steers, 5 sows, 7 acres of corn and a home garden; is placed at the local veterinary clinic; and has two plant science experiments as part of his or her SAE program will need one R2006 EZ Records or one R9800 (basic book), two R9801 (for beef and swine), one R9802 (for placement), two R9803 (for corn and garden), and two R9818 (for agriscience).

Record book orders for both electronic subscriptions and printed materials should be directed to ITCS Marketing and Distribution Services (800-345-6087). Note that R9815 Practice Problem for R9800 Record Book is being revised and is currently unavailable.

All Illinois orders for EZ Records placed by phone, U.S. mail, fax, and e-mail are charged $3 per subscriber. Orders placed on the EZ Records Web site are charged $6 per subscriber, so DO NOT USE the Web site to subscribe if you want to take advantage of the $3 subsidized price.

All subscription orders for R2006 EZ Records require a valid e-mail address. DW
Judging Card Update

As noted in the 2007 ITCS Instructional Materials catalog and as announced at IAVAT fall section meetings, this will be the last year we distribute judging cards. To date, these cards have sold out and will not be reprinted:

J999.100 Regular Placing Cards

J999.102 Female Selection Class (Keep-Cull)

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**EZ Records Tips and Information**

Subscription renewal for EZ Records is available 30 days prior to the end of the subscription period. A renewal may also be made after an account subscription has expired. **To renew a subscription, each user needs a new EZ Records access code.** When a subscription has expired, the system will automatically direct the user to the renewal window when he or she tries to log in. By following the onscreen directions, the user can renew the account using the same login.

**Creating a new record book.** When it is time to create a new record book, the user should click on the Create A New Record Book link located on the Record Book Main Page. Title the new record book with the user’s name and record book year (for example, Dave Wilson 2007). When more than one record book has been created with an EZ Records subscription, the list of names appears as a pull-down menu in the upper-right corner of the Record Book Main Page. The user may access any record book by selecting the name and clicking on the Go button.

**Printing record book pages.** Each record book page must be printed individually. Follow a procedure that you might use to print any other MS Windows document. From the File menu (in the tool bar), select print and click OK, or use the Ctrl+P keyboard command. Clicking the print icon on the toolbar is another option.

**Forgotten login information.** Users who have forgotten their login information over the holiday break can retrieve it using the forgot my login info link on the login screen. If a user has a valid e-mail address, the system will send the username and password there. If several individuals use the same e-mail address, the system will typically respond with “More than one account corresponds to this email address (______).” If you enter the registered username in the space provided the login will be sent to the e-mail address registered with the account. This process is very quick and efficient for retrieving forgotten login information.

An alternative method of retrieving forgotten login information is to contact Dave Wilson or Nick Wherley at ITCS dkwilson@uiuc.edu; wherley@uiuc.edu; 866-289-5468).

**Record book security.** Remember that record book security is only as good as the password protecting the account. Each user should select a password that is unique and should not share it with anyone. Users can change their passwords at any time; click on the edit my info link on the Record Book Main Page. Enter the new password in the space provided and confirm the password characters. The password is now changed. Reminder: all account data with the exception of the username may be changed using one of the edit functions. DW
State Dairy Foods Career Development Event Results

December 1, 2007  University of Illinois
27 schools, 104 individuals

Top Teams
Prairie Central
Midland
Seneca
Nokomis

Top Individuals
Tess Zehr, Prairie Central
Kelsey Allonge, Prairie Central
Ashton Lanz, Prairie Central
Christine Irelan, Midland
Jason Barker, Shelbyville
Micah Zehr, Prairie Central
Rebecca Crank, Midland
Heather Bingheim, Seneca
Rachel Siedentop, Seneca
Sarah Fehr, Prairie Central

State Crops Career Development Event Results

December 1, 2007  University of Illinois
47 schools, 132 individuals

Superior Teams
Paxton-Buckley-Loda
Shelbyville
Crescent-Iroquois
Central-Clifton
Prairie Central
Greenville
Pontiac

Superior Individuals
Will Glazik, PBL
Andy Fairchild, PBL
Rollin Wenger, Prairie Central
Syndi Furr, Shelbyville
Mike Shively, PBL
Cole Sappington, Cumberland
Anthony Wilken, Central-Clifton
Delaney Bettermann, Crescent-Iroquois
Douglas Boehl, East Richland
Kaylee Agney, Shelbyville
State Crops Career Development Event
Placings and Cuts

The state event was held Saturday, December 1 at the University of Illinois.

1. Wheat
   Placing  2 - 1 - 4 - 3
   Cuts    5 - 2 – 2
Sample 2 was top in the class even though it showed some dirt. Sample 1 contained a few rye seeds. Sample 4 had secondary noxious weed seed (wild garlic). Sample 3 contained seed from a primary noxious weed, johnsongrass.

2. Oats
   Placing  4 - 3 - 2 – 1
   Cuts    3 - 1 – 5
Sample 4 placed at the top of the class and contained an added oat variety. Sample 3 contained some barley. Sample 2 had a few smut-infested seed heads. Sample 4 has seed from a primary noxious weed, Canada thistle.

3. Soybeans
   Placing  4 - 2 - 1 – 3
   Cuts    4 - 3 – 4
Sample 4 was top in the class even though it contained a few cracked and small seed. Sample 2 had an added soybean variety. Sample 1 contained diseased seeds. Sample 3 contained both secondary and primary noxious weed seeds, jimsonweed and field bindweed.

4. Corn
   Placing  1 - 4 - 3 - 2
   Cuts    4 - 5 – 3
Sample 1 was relatively clean. Sample 4 contained morning glory seed. Sample 3 had non-uniform kernels with some broken tips. Sample 2 contained diseased kernels.

Farmdoc

Farmdoc is a Web site that educators and others interested in farm management should bookmark. It is continually updated with new articles, technology, and data. Focused on harnessing the power of the internet for today’s farm business, Farmdoc may be viewed at http://www.farmdoc.uiuc.edu.

Farmdoc provides much of the information needed in a production enterprise to create a budget and set plans and goals. The worksheets for specific enterprise areas are helpful to both of those tasks. DW
News from WIU Collegiate FFA

The Western Illinois University Collegiate FFA has been very busy this school year. In November, the chapter held the State FFA Job Interview CDE and we also participated in a local Toys for Tots shopping spree with the entire agriculture department in December. With the dawning of 2008, the Collegiate FFA has more activities coming up for the spring semester. The State FFA Agriculture Issues CDE and the Section 11 Public Speaking CDE will both be held in February, as well as the District III Public Speaking CDE and Section 11 Agriculture Mechanics and Horticulture CDEs in April. If anyone has any questions about these career development events, they can email Dr. Andrew Baker at AJ-Baker@wiu.edu.

Illinois Beef Expo

The Illinois Beef Association will host the 2008 Beef Expo at the State Fairgrounds from February 20 through 24. Admission is free everyday except for Sunday, February 24, when there is a $3.00 admission charge. Multiple events occur throughout the Expo, including Breed Sales, a Trade Show, Judging Contest, Quiz Bowl, and Livestock Shows. For more information go to their website at www.illinoisbeefexpo.com.

2008 Illinois Sheep Shearing School

The 2008 Illinois Sheep Shearing School will be held Friday April 4th and Saturday April 5th at the Livestock Center, Western Illinois University in Macomb. School will begin at 10 a.m. on the 4th and continue till 5 p.m. On Saturday the 5th school will start at 8 a.m. and continue till 3 p.m.

Cost of the school is $50 per person. Equipment will be supplied by the school. Students will be taught the Australian method of shearing which is used worldwide. Additionally, table shearing will be taught on Saturday. Equipment will be available for purchase.

Students will learn about the care and upkeep of shearing equipment and will be supplied with a notebook full of important information. The school is capped at 20 students.

For more information, contact Richard Cobb, Extension Sheep Specialist, at 217-333-7351 or email at arcobb@uiuc.edu
ExplorACES

Join us here in Urbana-Champaign on March 7 and 8 for ExplorACES, celebrating the students and science in the College of Agricultural, Consumer and Environmental Sciences. Through hands-on exhibits and interaction with students and staff, prospective students can explore the possibility of fitting the College of ACES into their future.

To find out more, view the ExplorACES Web site at http://www.aces.uiuc.edu/ExplorACES/, or contact Charles Olson (colson@uiuc.edu), the assistant dean of academic programs. ExplorACES is held the same dates as Engineering Open House. DW

U2020 Standards for Measures of Efficiency for 2007

This 6-page manuscript is revised annually utilizing data from the Illinois Farm Business Management Association (FBFM) and the Illinois Statistics Service. The information in U2020 is important to measuring the efficiency of students’ supervised experience programs. Also, students starting new SAEP record books can find some livestock and crop budget information here.

U2020 is posted as a free download in PDF format on the ITCS Instructional Materials web page (im.itcs.uiuc.edu). Using the free Adobe Acrobat Reader software, you can open the file to view or print it, as well as searching the text—a simple and efficient way to locate needed information. Be sure to review the ITCS Instructional materials Web site regularly for new items. DW

Contact the Staff

Orders (800) 345-6087  
FAX (217) 333-3917  
im.itcs.uiuc.edu

Online ordering  
pubsplus.uiuc.edu

Nick Wherley, Animal Sciences  
wherley@uiuc.edu  
(217) 244-5170

Dave Wilson, Agricultural Mechanics  
dkwilson@uiuc.edu  
(217) 244-5171

Taft House  
Fax (217) 333-0005
Dates to Remember
2008 Calendar of Events

<table>
<thead>
<tr>
<th>January</th>
<th>February</th>
<th>March</th>
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<tr>
<td>18 Made for Excellence Conference</td>
<td>1 Illinois PAS Annual Conference, Richland Community College</td>
<td>1 State Meats Evaluation and Technology Career Development Event, UIUC, Urbana</td>
<td>4 State Star Selection, Parkland Community College</td>
<td>3 State Public Speaking CDE, ISU</td>
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<td>26 Memorial Day, UIUC holiday</td>
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### mAGic Kits

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### Other Products

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<td>C1388-07</td>
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*Available only to Illinois residents. Price subsidized by developmental funds from the Illinois State Board of Education.
Minimum amount for a charge order (including shipping) is $10.00. Checks should be made payable to the UNIVERSITY OF ILLINOIS but sent to Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820. For orders only call (800) 345-6087 or (217) 333-3871 or FAX (217) 333-3917 or send e-mail to pubsplus@uiuc.edu. We accept VISA and MasterCard.

*If payment is sent with this order, please include the following for shipping:

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Subtotal

Shipping*

TOTAL
## Monthly Feed Prices

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<td>Corn, No. 2, shelled, bu.</td>
<td>3.52</td>
<td>4.36</td>
</tr>
<tr>
<td>Corn, ground, shelled, bu.</td>
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<td>4.50</td>
</tr>
<tr>
<td>Grain sorghum, bu.</td>
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<tr>
<td>Grain sorghum, ground, bu.</td>
<td>3.94</td>
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<tr>
<td>Oats, bu.</td>
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<tr>
<td>Oats, ground, bu.</td>
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<td>Wheat, bu.</td>
<td>7.72</td>
<td>8.71</td>
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<tr>
<td>Soybean meal, 48%, ton</td>
<td>264.70</td>
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<tr>
<td>Corn silage, ton</td>
<td>22.21</td>
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</tr>
<tr>
<td>Hay, alfalfa, baled, ton</td>
<td>147.50</td>
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</tr>
<tr>
<td>Hay, other, baled, ton</td>
<td>155.00</td>
<td>160.00</td>
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<tr>
<td>Straw, oat or wheat, ton</td>
<td>75.00</td>
<td>90.00</td>
</tr>
</tbody>
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1. Based on prices at country elevators in central Illinois.
2. Based on prices at country elevators in southern Illinois.
3. Based on prices at CBOT.
4. Estimated silage value as opportunity cost of harvesting crop as grain.
5. Based on prices direct off the farm in central Illinois.
State FFA Awards Day– Includes several changes

FFA Awards Day is Saturday, April 5, 2008 at the College of Agricultural, Consumer and Environmental Sciences, University of Illinois Urbana-Champaign campus. Due to campus scheduling and remodeling changes may occur from year to year.

The 2008 event will see a change in room location for the introductory announcements gathering area and the conclusion meeting area will be moved. This will include a new location for FFA member pictures and announcements of area winners. Watch the Listserv for details on this topic.

We continue to tweak the event according to your comments and suggestions. Plans for campus parking and food service will be repeated in 2008. Recommended parking will be within one or two blocks of several of the ACES buildings and will be identified prior to April 5th. Information will be made available regarding buildings in which interviews will be held and a map will be provided.

If you wish for the food service to continue, it must be successful for the campus club and we encourage committee members and FFA members to patronize the service.

University of Illinois faculty and staff will be asked to serve on interview committees again this year. Many of volunteers have participated in past years, while others will be new to the process. In order to supply an unbiased opinion to the interview committee, we ask for your patience and treat the U of I folks with respect.

Several of the details for Awards Day have not been finalized prior to the deadline for the March issue of *News and Notes*, so keep an eye on the listserv for additional details. *ITCS Staff*
**Illinois mAGic Kit – now available**

The *Illinois mAGic Kit* (AK-28) is now available from ITCS Instructional Materials. It includes 8 math, 10 English language arts, 11 social studies, and 7 science lessons focused on the state of Illinois. Lessons can be selected to match your region of the state, such as northern, western, or southern Illinois.

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the manual (AK-28.2) is available for purchase separately. Please see the tear sheet for pricing. *NRW*

**EZ Records - Agriscience Record Book**

Agriscience enterprises now have a new set of record book insert pages, available as part of EZ Records and as printed record book inserts. Specific pages have been created providing tables and spaces for recording agriscience enterprise activity. A new set of insert pages is required for each enterprise (experiment). Selected additional pages are available for the printed record book, such as the record of experiences, literature review, conclusion, and procedure used.

EZ Records makes the insert pages available without any additional expense—just select the agriscience category when creating a new enterprise. *DW*

**82nd Annual Summary of Illinois Farm Business Records: 2006**

C1388-07, the *82nd Annual Summary of Illinois Farm Business Records: 2006* is now available for $8.00 from ITCS Educational Publishing (order online at pubsplus.uiuc.edu after January 15, or call 800-345-6087 toll-free).

This newest annual update of farm business records for the state of Illinois provides both historical perspective and a big-picture view of farming across the state. It is full of information critical to spotting market trends, making major financial decisions, and comparing similar operations.

Each edition covers:
- Per-acre return and cost figures
- Yearly changes in net farm income for grain and livestock enterprises and average yields
- Economic trends and patterns that provide benchmark figures for a wide range of expenses, including seed, pesticides, fertilizers, equipment, land, buildings, and labor. *MB*
**Horticulture Science Kit**

The *Horticulture Science Kit* (AK-26) is a new kit available for secondary students. The lessons and activities are designed as introductory material to plant taxonomy, growing media, plant pests, breeding and genetics, and impact of biotechnology. It is appropriate for use with middle and high school students.

The kit was created through cooperation with industry, community colleges, and the agriculture literacy program. Each lesson is formatted in a similar manner to the mAGic kits, including state standards, student worksheets, and time progressive activities.

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual (AK-26.2) is available for purchase separately. Please see the tear sheet for pricing. *NRW*

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**Horticulture Careers Kit**

The *Horticulture Careers Kit* (AK-27) is a new kit available to introduce students to the different areas of the horticulture field. The lessons and activities are created to familiarize individuals with the culture, terms, and responsibilities in each employment area. This includes mock designs, interviews, and other activities.

The lessons in the kit include:

- · Growing Opportunities in Horticulture
- · Landscape Design
- · Careers in Turf Management
- · Retail Industry
- · Research and Development
- · Selling: Landscape Lingo
- · Applying Art to Plant Design
- · Plant Patents
- · Marketing
- · Retail Industry
- · Marketing
- · Research and Development

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual (AK-27.2) is available for purchase separately. Please see the tear sheet for pricing. *NRW*

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**2008 Illinois Agricultural Pest Management Handbook**

The definitive source for annual updates of insecticide and herbicide use in Illinois, the *2008 Illinois Agricultural Pest Management Handbook* (IAPM-08) is now available. This research-based publication provides the most reliable reference for professional agricultural input suppliers and their clients. The handbook addresses the laws and regulations governing chemical recommendations and restrictions, so you can be sure that your advice is accurate, timely, and legal. It provides the latest insect management, weed, and disease management strategies for field and forage crops, commercial vegetable groups, and selected noncrop areas. *MO*
mAGic Kits and Curriculum CD-ROMs

All the Multidisciplinary Agricultural Integrated Curriculum (mAGic) Kits are now available for purchase. If you have ordered a kit and have not received it in a timely manner, please contact our customer service representative at 1-800-345-6087.

The kits include the necessary components for each lesson. They can be purchased as a complete packages that include components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual is available for purchase separately. The Curriculum CD-ROMs contain a PDF version of the printed activity guide found in each kit. You do not need to purchase a CD-ROM separately when purchasing a complete kit. The CD-ROM is included in the printed notebook.

Please see the tear sheet for prices of each kit. Note that Illinois residents receive special pricing due to development funds from the Board of Education. They should select the product number with ILAK– prefix.

**AK-20 Poultry mAGic Kit**

Students will uncover interesting facts about U.S. poultry production through exercises and hands-on experiments. They’ll learn about the anatomy and nutritional value of an egg. They’ll also learn about the history of egg production and find out how poultry dishes are prepared around the world.

**AK-21 Insect mAGic Kit**

Students will learn about the impact of insects on crop production through a variety of lessons and activities. Mapping exercises let students follow butterflies on migration patterns. Students track a day in the life of an insect and learn about wingspan, life cycles, anatomy, and social hierarchy patterns of common insects.

**AK-22 Soil mAGic Kit**

Soils are alive, as students will discover through the lessons in this kit. Students will learn to conduct experiments in soil pH, create soil profiles, and understand the components of soil. They will also unveil the history of crop rotation and dig into the Dust Bowl.

**AK-23 Dairy mAGic Kit**

Hands-on exercises let students explore the process of using milk, acids, enzymes, and bacteria to make cottage cheese, yogurt, and ice cream. Students will find out how much milk one cow produces in its lifetime. They’ll also dive into history, and they’ll learn about issues of supply and demand in the dairy industry.

**AK-24 Plant mAGic Kit**

This kit offers problem-solving activities in plant propagation, production, and processing. Students will conduct experiments to learn about plant differences and plant ecosystems. They’ll also sequence plant products, research the discoveries of George Washington Carver, and look at the impact of crops on the national economy.

**AK-25 Machine mAGic Kit**

Students will learn about the history of farm machinery and the impact of modern farming techniques on families and communities. They’ll also learn how inventors John Deere and Cyrus McCormick helped shape modern agriculture. Hands-on exercises let students identify machinery parts and estimate farm machinery costs.
2008 IAVAT Livestock Career Development Event

The 2008 IAVAT Livestock CDE will be held at the University of Illinois on Tuesday, April 29, beginning at 10 a.m. **Like past years, this event may include several changes, so please watch the listserv for details.** A team may consist of five (5) members with the three (3) highest participant scores constituting the team score. The event will consist of seven rings as described below. There will be no question classes. *NRW*

Judging three (3) rings as follows:
1. One ring of breeding or market hogs.
2. One ring of breeding or market beef.
3. One ring of breeding or market sheep.

Evaluate three (3) rings of keep-cull females (50% production records and 50% conformation):
1. One ring of breeding swine.
2. One ring of breeding beef.
3. One ring of breeding sheep.

Scoring Note: Keep-Cull classes consist of eight (8) animals, from which the participants must identify the four most desirable animals. If a participant fails to select four animals or selects more than four animals they will receive zero (0) points.

Grade one (1) ring of five (5) animals in each of the following: (note: swine grading has been eliminated)
1. One ring of slaughter cattle on USDA yield and quality grades.

**Suggested references available on the tear sheet**

1. **Judging Booklets**
   - J100a  Judging Beef Cattle
   - J140a  Judging Sheep
   - J160a  Judging Swine

2. **Units**
   - U1061  Using Livestock Production Records

3. **Videotapes**
   - V100  Visual Appraisal of Yearling Beef Heifers
   - V101  Selection, Attributes, and Faults
   - V102  Placing and Discussion of Commercial Chianina Heifers
   - V103  Oral Reasons in Livestock Judging

4. **CD-ROMs**
   - MDS130  EPDs and Performance Data Interpretation
   - MDS150  Practice Judging Livestock
   - MDS151  Evaluating Beef Cattle
   - MDS152  Practice Judging Beef Cattle
   - MDS153  Practice Judging Swine
   - MDS154  Practice Judging Market Lambs
2008 IAVAT Dairy Cattle Career Development Event

The 2008 IAVAT Dairy Cattle CDE will be held at the University of Illinois Dairy Farm on Tuesday, April 29, beginning at 10:00 a.m. A team may consist of five (5) members with the three (3) highest participant scores constituting the team score. The event will involve judging seven (7) rings of cows and/or heifers on type, one ring of cows on combined type and production (50% type and 50% production) and one pedigree ring. Official placings and reasons will be placed on the ITCS Instructional Materials web site a few days after the contest. PLEASE NOTE! Instructors will be assigned to hold dairy cattle during the event.  

Suggested References Available on the Tear Sheet

   J200 Judging Dairy Cattle

Notes for Instructors Attending Dairy and Livestock CDEs

1. For the April 29th Livestock and Dairy Cattle CDEs, all teams should report to the Stock Pavilion on Pennsylvania Avenue in time to complete registration. Teams may begin registering at 8:00 a.m. Fees are $7.00 per participant for IAVAT members and $28.00 per participant for nonmembers. Make checks payable to IAVAT. Preregistration is optional, but strongly recommended due to the large number of participants. Preregistration is due to the IAVAT State Office by April 1st.

2. Participants will need to bring a clipboard and a couple of sharpened pencils for filling the Scantron sheet.

3. University of Illinois biosecurity measures will be enforced for the Livestock and Dairy Cattle CDEs.  
   Watch the listserv for more details.

4. Remind all participants that there will be no talking during or between rings, or participants’ cards will be taken and the participants will be disqualified. The talking policy will be strictly enforced because the participants will be using the same card for the entire event.

5. All electronic communication devices are not permitted at either CDE. This includes but is not limited to cell phones, walkie talkies, radio transmitters, and personal data assistants.

6. Parking for buses and vans has yet to be determined for the event.  
   Watch the listserv for more details.

7. Please review the General Rules for IAVAT Career Development Events before attending the events.  
   NRW

NRW
Preregistration for Agricultural Mechanics Career Development Event

The deadline for preregistration is Tuesday, April 29th. Tuesday, May 13th is the date for the 2008 IAVAT State Ag Mechanics Event. Teams and individuals should check in at the Agricultural Engineering Sciences Building on the campus of the University of Illinois at Urbana-Champaign between 9:00 and 9:45 a.m. The event will begin at 10:00 a.m.

This event is limited to the winning team or alternate team from each section's Agricultural Mechanics Event plus first-place individuals in each phase of the event who are not on the section team. No more than one member from one school may compete in any phase of the event. Preregistration is required for this event. Each instructor is responsible for preregistering teams or individuals. The preregistration form is included in this issue of News and Notes. Teachers should send a copy of the preregistration form and nonrefundable entry fees of $7.00 per participant for IAVAT members or $28.00 per participant for nonmembers to James Craft, IAVAT Executive Director, 3221 Northfield Dr., Springfield, IL 62702. Checks should be made payable to: IAVAT.

Read the Agricultural Mechanics Career Development Event Rules booklet carefully. Note that each section is expected to provide two adult helpers. Both students and teachers or helpers must bring and wear safety glasses, and all participants must bring required equipment and clothing to the event if they expect to participate.

Particular attention should be given to the requirements for welding equipment and clothing, in particular the need for leather high-top shoes. Avoid tennis shoes and jogging shoes, which may not be all leather. Survey participants are to provide a clipboard for recording field notes. Carpentry participants are required to provide their own sawhorses in addition to their other equipment. Watch the listserv announcements for additional study materials. DW

2008 IAVAT Horticulture Career Development Event

The state event will be Tuesday, April 29 on the UIUC campus. All teams MUST preregister by April 1 and include fees of $7.00 per participant for IAVAT members and $28.00 per participant for nonmembers. Use the preregistration form in this issue of News and Notes. Fees must accompany preregistration, which should be sent to the IAVAT office in Springfield. Make checks payable to IAVAT.

On the day of the event, check in at the Stock Pavilion, beginning at 8:00 a.m. Coaches will need to provide a registration card listing participants' names, either using the onscreen form filled out in advance or standing in line to fill out a traditional registration card. The event will begin at 10:00 a.m. at the Landscape Horticulture Research Center on South Lincoln Avenue. Mark Steber, East Richland, is the 2008 IAVAT Horticulture CDE superintendent.

This year's event is being prepared by faculty and staff members from the Horticulture Department. Due to limited ITCS staff, it important that all teachers assigned to assist with this event arrive in a timely manner. More information will be provided prior to the event via the listserv. NRW

Entry for Section __________ from ____________________________________________________________________________ High School

A maximum of 5 members are allowed for each team with the top 3 individuals’ scores comprising the team score. Event scheduled for Tuesday, April 29, 2008.

NONREFUNDABLE entry fee enclosed (circle A or B):

A – Member IAVAT _______ Participants @ $ 7.00 per participant $ _______
B – Nonmember IAVAT _______ Participants @ $28.00 per participant $ _______

Send preregistration form and entry fees to State IAVAT Office, 3221 Northfield Dr., Springfield, IL 62702. Make checks payable to IAVAT.

Coaches must submit a registration form on the day of the event (completed in advance using the onscreen form or completed at event check in).

Optional Preregistration for Livestock Career Development Event due by April 1, 2008.

Entry for Section __________ from ____________________________________________________________________________ High School

A maximum of 5 members are allowed for each team with the top 3 individuals’ scores comprising the team score. Event scheduled for Tuesday, April 29, 2008.

NONREFUNDABLE entry fee enclosed (circle A or B):

A – Member IAVAT _______ Participants @ $ 7.00 per participant $ _______
B – Nonmember IAVAT _______ Participants @ $28.00 per participant $ _______

Send preregistration form and entry fees to State IAVAT Office, 3221 Northfield Dr., Springfield, IL 62702. Make checks payable to IAVAT.

Coaches must submit a registration form on the day of the event (completed in advance using the onscreen form or completed at event check in).
Mandatory Preregistration for Horticulture Career Development Event due on or before April 1, 2008.

Entry for Section _________ from__________________________ High School

A maximum of 5 members are allowed for each team and all 5 scores comprise the team score. Event scheduled for Tuesday, April 29, 2008.

NONREFUNDABLE entry fee enclosed (circle A or B):

A – Member IAVAT _______ Participants @ $ 7.00 per participant $ _______
B – Nonmember IAVAT _______ Participants @ $28.00 per participant $ _______

Send preregistration form and entry fees to State IAVAT Office, 3221 Northfield Dr., Springfield, IL 62702. Make checks payable to IAVAT.

Coaches must submit a registration form on the day of the event (completed in advance using the onscreen form or completed at event check in).


Entry for Section _________ from__________________________ High School

OR _____ Individual(s): Section _____ from ______________________ High School
(Individuals winning first in section but not from the school representing the section)

(Circle) Agr. Power Carpentry Electricity Surveying Welding

Event scheduled for Tuesday, May 13, 2008.

NONREFUNDABLE Entry fee enclosed (circle A or B):

A – Member IAVAT _______ Participants @ $ 7.00 per participant $ _______
B – Nonmember IAVAT _______ Participants @ $28.00 per participant $ _______

Send preregistration form and entry fees to State IAVAT Office, 3221 Northfield Dr., Springfield, IL 62702. Make checks payable to IAVAT.

Coaches must submit a registration form on the day of the event (completed in advance using the onscreen form or completed at event check in).
FCAE EZ Records Price Subsidy

ITCS has been informed that the budget for the EZ Records subsidy has been consumed and the subsidy has ended. Any EZ Records access code purchases starting February 12, 2008 will again be charged full price, $6.00 per subscription. EZ Records may be purchased by contacting ITCS toll free at (800) 345-6087 or submitting an order form or purchase order to ITCS Instructional Materials, College of Agricultural, Consumer, and Environmental Sciences, 1917 S. Wright St., Champaign, IL 61820. The catalog number is R2006 EZ Records. EZ Records access codes may be purchased using a credit card from the EZ Records home page, http://ezrecords.aces.uiuc.edu by clicking the Purchasing EZ Records link. The Purchase EZ Records window opens, click on the Online Ordering Form link is recommended for purchasing with a credit card. Follow the on-line instructions. No shipping is charged and the access codes are sent to the purchaser via e-mail. DW

State Poultry Career Development Event

The 2008 State IAVAT State Poultry CDE will be held at Shelbyville High School on Saturday, March 15th. Registration will be from 9:00 a.m. until 9:45 with the event beginning at 10:00 a.m. The registration fee is $7.00 per participant for IAVAT members and $28.00 per participant for nonmembers.

Classes to be evaluated-
- Breaded Chicken Patties
- Place 2 to 3 production rings- placed on past egg production
- Place a carton of eggs, according to the latest USDA standards
- Grade 10 interior quality eggs, according to the latest USDA standards
- Grade 10 exterior quality eggs, according to the latest USDA standards
- Grade 10 broiler carcasses (2 to 6 lbs.), according to the latest USDA standards
- Identify 23 broiler parts
- Take the 2006 written exam consisting of 25 multiple-choice questions

Questions on the exam will be taken from the information in U1052 Caring for the Small Laying Flock (out of print); J120b Judging and Grading Poultry and Eggs; and Poultry Science Manual for National FFA Contest, No. 0418-4, fourth edition. The manual can be purchased from IMS, Texas A & M University (979) 845-6608. Item J120b can be found on the tear sheet.

For additional information refer to the General Rules and the rules for the Poultry CDE from IAVAT. A team may consist of five members with the top three scores used to calculate team scores. The low individuals on the team will not be eligible for individual awards. NRW
Record Keeping Notes:

**Starting a new record book.** To start a new record book the user must login to the Record Book Main Page and click the Create New Record Book link. A window opens permitting users to name the new Record Book, Joe Wilson 2008. Click the Save button and EZ Records will navigate the user to the Record Book Main Page ready to enter enterprise names. **DO NOT CREATE A NEW ACCOUNT FOR THE NEW RECORD BOOK.** If a user creates a second account, the user will not have the option to view their previous record book without maintaining two accounts and two logins. Users are encouraged to create their new record book using the same login. When the subscription expiration message appears follow the directions describing the renewal procedure.

**Renewing EZ Records subscriptions.** To renew a subscription to EZ Records the user will require a new access code. Access codes may be ordered from ITCS. **DO NOT TRY TO RENEW EZ RECORDS UNTIL NOTIFIED THAT THE SUBSCRIPTION IS WITHIN 30 DAYS OF EXPIRING.** A message will appear on the Record Book Main Page (in white text) notifying the user 30 days remain before the subscription expires. This message will count down the days prior to expiration. When the expiration notice appears a renew link also appears. Users may click on the Renew link. A window opens asking the user to enter the new access code. Enter the new access code and click the Validate Code button. This action completes the renewal procedure. When complete, the user is navigated to the Record Book Main Page and is able to continue working on their SAE records. Access to all record books is available with the newest record book being the Default record book. Other record book access is available from a pull down menu located near the upper right corner of the Record Book Main Page. EZ Records subscriptions are 14 months in length.

When a subscription has completely expired (14 months have passed) a new window appears. When the user enters their login the software will automatically open the renewal window, requesting a new access code. Enter a new access code and click the Validate Code button to renew the account. Validating the access code renews the account and navigates to the Record Book Main Page. All previous record book data remains intact and within easy access by the user.

**Printing EZ Records.** To print EZ Records pages users may utilize the same procedure they use to print any windows application. With the page to be printed open, select the pull down menu from File on the tool bar, select print, and the page will print to the designated printer. The Ctrl + P also works to print a page. A third method is to click the Print icon in the tool bar. EZ Records must be printed one page at a time. Each page is printed individually since some pages will only be printed once. After printing pages, users should place the printed pages into their record book binder. The business agreement and budget pages are examples of pages that are only printed once. Printing on colored paper helps to separate enterprise categories, yellow for animal enterprises, blue for agribusiness, green for crop enterprises, salmon for agriscience, and white for the Core records.

**Printing EZ Records Cover page.** To print the front cover of the record book click the Manage My Record Book link. This will open a window containing the Print Cover link. Click the Print Cover link to print. The cover is populated with the information the user entered during the account set-up procedure and a list of all enterprises. To change any data, use the edit my info link. Edit links are located on the Record Book Main Page.  

**DW**
News from Western Illinois University

The Western Illinois University Collegiate FFA and Agricultural Education clubs have had their plates full the past few weeks with fundraisers and high school career development events. On February 9th, WIU hosted the Illinois State FFA Agriculture Issues CDE. We had two schools participate via satellite and five schools compete on campus. A few days later on February 13th, we held the Section 11 Public Speaking CDE. Ten schools and 27 students participated in this event, which went very smoothly. A few weeks later, the Collegiate FFA and Agricultural Education club held a Pancake and Sausage Breakfast to raise funds for both of the groups. We profited nearly $300 from 7-11 a.m. while we served the food. On Friday, February 29th members from each WIU agriculture group will talk with prospective students at the Ag Open House on the Western campus.

If you know of anyone interested in attending WIU, please email AJ-Baker@wiu.edu

60th Illinois PDCA Calf Sale at the Round Barns

Illinois PDCA will sponsor their annual calf sale on March 29, 2008. The event will be held at the university dairy farm and cattle will be available for viewing prior to the sale. Catalogs will be available and can be obtained by contacting Evonne Hausman at 217-333-2624 or ehausman@uiuc.edu. For more information, visit their web site at http://events.ansci.uiuc.edu/pdca/ NRW

2008 Hoof and Horn Showdown

The University of Illinois Hoof and Horn Club will host their 2008 Spring Showdown on April 5th and 6th, 2008 at the Champaign County Fair Grounds in Urbana. The judging contest will be held on Saturday, April 5th beginning with registration at 8:00 am and the contest beginning at 9:00 am. Steers and heifers can be checked in from 2:00 pm until 5:00 pm on April 5th. The show will be held on April 6th. For more information call 217-333-8394.

View the flyer for premiums at http://www.ansci.uiuc.edu/news/eventDisplay.cfm?ID=10570

NRW

2008 Illinois Sheep Shearing School

The 2008 Illinois Sheep Shearing School will be held Friday April 4th and Saturday April 5th at the Livestock Center, Western Illinois University in Macomb. School will begin at 10 a.m. on the 4th and continue till 5 p.m. On Saturday the 5th school will start at 8 a.m. and continue till 3 p.m.

Cost of the school is $50 per person. Equipment will be supplied by the school. Students will be taught the Australian method of shearing which is used world wide. Additionally, table shearing will be taught on Saturday. Equipment will be available for purchase.

Students will learn about the care and upkeep of shearing equipment and will be supplied with a notebook full of important information. The school is capped at 20 students.

For more information, contact Richard Cobb, Extension Sheep Specialist, at 217-333-7351 or email at arcobb@uiuc.edu
ExplorACES

Join us here in Urbana-Champaign on March 7 and 8 for ExplorACES, celebrating the students and science in the College of Agricultural, Consumer and Environmental Sciences. Through hands-on exhibits and interaction with students and staff, prospective students can explore the possibility of fitting the College of ACES into their future.

To find out more, view the ExplorACES Web site at http://www.aces.uiuc.edu/ExplorACES/, or contact Charles Olson (colson@uiuc.edu), the assistant dean of academic programs. ExplorACES is held the same dates as Engineering Open House. DW

U2020 Standards for Measures of Efficiency for 2007

This 6-page manuscript is revised annually utilizing data from the Illinois Farm Business Management Association (FBFM) and the Illinois Statistics Service. The information in U2020 is important to measuring the efficiency of students’ supervised experience programs. Also, students starting new SAEP record books can find some livestock and crop budget information here.

U2020 is posted as a free download in PDF format on the ITCS Instructional Materials web page (im.itcs.uiuc.edu). Using the free Adobe Acrobat Reader software, you can open the file to view or print it, as well as searching the text—a simple and efficient way to locate needed information. Be sure to review the ITCS Instructional materials Web site regularly for new items. DW

Judging Card Update

As noted in the 2007 ITCS Instructional Materials catalog and as announced at IAVAT fall section meetings, this will be the last year we distribute judging cards. To date, these cards have sold out and will not be reprinted:

J999.100 Regular Placing Cards
J999.102 Female Selection Class (Keep-Cull)

Contact the Staff

Orders (800) 345-6087
FAX (217) 333-3917
im.itcs.uiuc.edu

Online ordering
pubsplus.uiuc.edu

Nick Wherley, Animal Sciences
wherley@uiuc.edu
(217) 244-5170

Dave Wilson, Agricultural Mechanics
dkwilson@uiuc.edu
(217) 244-5171

Taft House
Fax (217) 333-0005
News and Notes is published 5 times annually (September, November, January, March, and May) by ITCS Instructional Materials at the University of Illinois. Articles submitted for publication should conform to News and Notes specifications (available on request) and be clearly identified. Articles submitted by the 20th day of the month preceding each issue will be considered for publication in the next issue of News and Notes. For additional information, contact News and Notes Editor, ITCS Instructional Materials, University of Illinois, (217) 244-5170.

Dates to Remember
2008 Calendar of Events

March
1         State Meats Evaluation and Technology Career Development Event, UIUC, Urbana
15        State Poultry Career Development Event, Shelbyville High School, Shelbyville

April
4         State Star Selection, Parkland Community College
5         State FFA Awards Day, UIUC
29        State Dairy Cattle Evaluation, Livestock, and Horticulture Career Development Events, UIUC, Urbana

May
3         State Public Speaking CDE, ISU
6         State Agricultural Business Management Career Development Event
13        State Agricultural Mechanics Career Development Event, UIUC
26        Memorial Day, UIUC holiday

June
10-12     Illinois FFA Convention, Springfield
17-19     IAVAT Annual Conference, Springfield
23-25     NAAE Region IV Conference, Bowling Green, KY
Visit pubsplus.uiuc.edu to order items on our secure server
(credit cards and school purchase orders accepted; prices subject to change)

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<tr>
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<td>Practice Judging Swine CD-ROM</td>
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<td>24.95</td>
<td>MDS154</td>
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<td>Practice Judging Market Lambs CD-ROM</td>
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<td>Selection, Attributes, and Faults video</td>
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<td>V102</td>
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<td>Placing and Discussion of Commercial Chianina Heifers video</td>
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<td>40.00</td>
<td>V103</td>
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<td>Oral Reasons in Livestock Judging video</td>
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</tbody>
</table>

*Price available only to Illinois residents. Price subsidized by developmental funds from the Illinois State Board of Education.
Minimum amount for a **charge order** (including shipping) is $10.00. Checks should be made payable to the **UNIVERSITY OF ILLINOIS** but sent to Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820. For orders only call (800) 345-6087 or (217) 333-3871 or FAX (217) 333-3917 or send e-mail to pubsplus@uiuc.edu. We accept VISA and MasterCard.

*If payment is sent with this order, please include the following for shipping:

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<td>For orders from $20 to $99.99 add</td>
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<td>For orders from $100 to $199.99 add</td>
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<td>For each additional $100 add</td>
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Shipping* ___________

TOTAL ___________
## Monthly Feed Prices

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<th>February 25</th>
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<tr>
<td>Corn, No. 2, shelled, bu.(^1)</td>
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<tr>
<td>Corn, ground, shelled, bu.</td>
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<tr>
<td>Grain sorghum, bu.(^2)</td>
<td>4.51</td>
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<tr>
<td>Grain sorghum, ground, bu.</td>
<td>4.65</td>
<td>4.80</td>
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<tr>
<td>Oats, bu.(^3)</td>
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<td>Oats, ground, bu.</td>
<td>3.36</td>
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<tr>
<td>Wheat, bu.</td>
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<td>Soybean meal, 48%, ton</td>
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<tr>
<td>Corn silage, ton(^4)</td>
<td>27.51</td>
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<tr>
<td>Hay, alfalfa, baled, ton(^5)</td>
<td>162.50</td>
<td>162.50</td>
</tr>
<tr>
<td>Hay, other, baled, ton(^5)</td>
<td>160.00</td>
<td>160.00</td>
</tr>
<tr>
<td>Straw, oat or wheat, ton(^5)</td>
<td>90.00</td>
<td>90.00</td>
</tr>
</tbody>
</table>

\(^1\) Based on prices at country elevators in central Illinois.

\(^2\) Based on prices at country elevators in southern Illinois.

\(^3\) Based on prices at CBOT.

\(^4\) Estimated silage value as opportunity cost of harvesting crop as grain.

\(^5\) Based on prices direct off the farm in central Illinois.
MDS 320 Hardware and Fastener Identification

This is a PowerPoint CD-ROM for teaching hardware and fastener identification. The material is presented in unique categories with an image available within each category. The categories include an image with a name, an image with a description, an image without a name (for quizzing), and an interactive quiz. The interactive quiz sessions present a question with three possible selections, followed with the correct answer to provide student feedback. Each category is linked to a master navigation slide providing smooth navigation to view different presentations. This presentation contains over 180 different hardware or fastener items in 1650 frames.

This is a unique teaching resource for instruction, a form of student self study, or an evaluation instrument. Internal navigation links the table of contents with each item and permits the user an efficient method of viewing this large collection of information.

Each category includes a quiz and key. They may be printed from the CD-ROM.

Categories on the CD include:

Bolts
Braces, Brackets, and Hinges
Miscellaneous Fasteners
Nails
Nuts
Other Hardware
Screws
Washers
All Hardware and Fasteners

See the tear sheet for prices and ordering. 

DW
Preregistration for Agricultural Mechanics Career Development Event

Illinois Agricultural Mechanics Career Development Event is scheduled for **Tuesday, May 13, 2008**. Teams and individuals should check in at the Agricultural Engineering Sciences Building on the campus of the University of Illinois at Urbana-Champaign between 9:00 and 9:45 a.m. The event will begin at 10:00 a.m. This event is limited to the winning team or alternate team from each section’s Agricultural Mechanics Event plus first-place individuals in each phase of the event who are not on the section team. No more than one member from one school may compete in any phase of the event. Preregistration (deadline of April 29) was required for this event.

Read the *Agricultural Mechanics Career Development Event Rules* booklet carefully. Note that each section is expected to provide two adult helpers. Both students and teachers or helpers must bring and wear safety glasses, and all participants must bring required equipment and clothing to the event if they expect to participate. Particular attention should be given to the requirements for welding equipment and clothing. Leather high-top shoes are required. Avoid tennis shoes and jogging shoes, which may not be all leather. **Survey participants are to required to bring a clipboard for recording field notes. Carpentry participants are required to provide their own sawhorses in addition to other equipment.**

**Illinois mAGic Kit – now available**

The *Illinois mAGic Kit* (AK-28) is now available from ITCS Instructional Materials. It includes 8 math, 10 English language arts, 11 social studies, and 7 science lessons focused on the state of Illinois. Lessons can be selected to match your region of the state, such as northern, western, or southern Illinois.

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the manual (AK-28.2) is available for purchase separately. Please see the tear sheet for pricing.

**EZ Records - Agriscience Record Book**

Agriscience enterprises now have a new set of record book insert pages, available as part of EZ Records and as printed record book inserts. Specific pages have been created providing tables and spaces for recording agriscience enterprise activity. A new set of insert pages is required for each enterprise (experiment). Selected additional pages are available for the printed record book, such as the record of experiences, literature review, conclusion, and procedure used.

EZ Records makes the insert pages available without any additional expense—just select the agriscience category when creating a new enterprise.
Floriculture Practicum
Identifying and Controlling Plant Disorders

Scenario: The judge is a greenhouse grower who needs help. The plant specimens are brought in to determine the problem. If treatment is necessary, the student will describe the preparation and application of the treatment.

Judges ask these questions; each question is worth 10 points. Maximum correct score is 100 points. Participants should not touch the plants.

1. What type of plant is this?
   Petunia or a bedding plant crop

2. Based on the general appearance of the plants in front of you, could these plants be used in a hanging basket?
   Yes, the plant has a trailing habit that makes it suitable for a hanging planter.

3. What is unusual about the foliage of the plant in front of you?
   The correct answer: Instead of being solid green the foliage has two colors (variegated); green and yellow.
   Commercial answer: The plants are exhibiting nutrient stress symptoms in the upper canopy.

4. What do you think caused the unusual foliage colors?
   The plant has a nutrient deficiency. Because the plant is showing interveinal chlorosis in the upper foliage, the deficiency is likely caused by a lack of iron uptake.

5. What can I do about the problem?
   Cultural control: Apply a fertilizer with iron as a micronutrient.
   Commercial answer: Check to be sure the iron deficiency is not caused by a high media pH. If the pH is high adjust it with an acidic fertilizer containing iron as a micronutrient. Alternately one could use chelated iron to provide a suitable level of the nutrient.

6. Next to the pots are pictures of handheld pH and electrical conductivity (E.C.) meters. Why is measuring pH and E.C. of greenhouse crops on a weekly basis important?
   Measuring pH and E.C. of the rooting media provides clues about the nutrient status of crops in the greenhouse. Weekly monitoring allows growers to track nutrient status over time, not negative trends, and adjust pH or fertility rates (E.C.) before visual symptoms appear on the crop.

7. If I touch the leaves, they are sticky. Is this character related to the diagnosed problem?
   No, many petunia cultivars have glands that exude sticky compounds thought to be defense mechanisms against insect feeding.

8. If I look at the yellow cards in the pots, I see some insects attached to them. What are the circled insects?
   They are fungus gnats.

9. How are these yellow cards used in a greenhouse?
   Yellow sticky cards are used to monitor flying greenhouse pests, such as fungus gnats. Growers can then determine what insects are present and decide if the pest needs to be managed.

10. What are these small yellowish spheres on the soil surface?
    They are granules of a slow release fertilizer such as Osmocote.
## 2008 Illinois Horticulture CDE

**Plant material identification**

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<tr>
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<th>ID number</th>
<th>Common name</th>
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<tr>
<td>2.</td>
<td>165</td>
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<tr>
<td>3.</td>
<td>203</td>
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<tr>
<td>4.</td>
<td>215</td>
<td>Chives</td>
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<td>5.</td>
<td>222</td>
<td>Bleeding Heart</td>
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<td>6.</td>
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<td>7.</td>
<td>233</td>
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<tr>
<td>8.</td>
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<td>11.</td>
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<tr>
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**Horticulture Science Kit**

The *Horticulture Science Kit* (AK-26) is a new kit available for secondary students. The lessons and activities are designed as introductory material to plant taxonomy, growing media, plant pests, breeding and genetics, and impact of biotechnology. It is appropriate for use with middle and high school students.

The kit was created through cooperation with industry, community colleges, and the agriculture literacy program. Each lesson is formatted in a similar manner to the mAGic kits, including state standards, student worksheets, and time progressive activities.

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual (AK-26.2) is available for purchase separately. Please see the tear sheet for pricing. *NRW*

**Horticulture Careers Kit**

The *Horticulture Careers Kit* (AK-27) is a new kit available to introduce students to the different areas of the horticulture field. The lessons and activities are created to familiarize individuals with the culture, terms, and responsibilities in each employment area. This includes mock designs, interviews, and other activities.

The lessons in the kit include:

- Growing Opportunities in Horticulture
- Landscape Design
- Careers in Turf Management
- Retail Industry
- Research and Development
- Selling: Landscape Lingo
- Applying Art to Plant Design
- Plant Patents
- Marketing

The kit includes the necessary components for each lesson. It can be purchased as a complete package that includes components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual (AK-27.2) is available for purchase separately. Please see the tear sheet for pricing. *NRW*

**News from WIU Collegiate FFA**

The WIU Collegiate FFA, once again, has been very busy this past month. On April 2nd, we hosted the District III FFA Public Speaking CDE. We also hosted the WIU Invitational FFA Agriculture Mechanics and Horticulture CDEs on April 9th. Many FFA members participated in these events and took home numerous awards to their chapters. Our chapter also organized the departmental wide Agriculture Olympics contest for everyone in the agriculture department. Eleven teams participated, representing most of the agriculture clubs on campus. We had events such as an egg toss, hay bale toss, stick pony relay and a pie eating contest. The pies for the eating contest were auctioned off and whoever bought the pie got to pick a person to eat it. This part of the Ag Olympics raised over $700 for the agriculture department scholarship fund. One of the Alpha Gamma Sigma Fraternity teams was the winner of the entire contest. The WIU Collegiate FFA hopes that everyone has a good last few weeks of school and a safe summer.
mAGic Kits and Curriculum CD-ROMs

All the Multidisciplinary Agricultural Integrated Curriculum (mAGic) Kits are now available for purchase. If you have ordered a kit and have not received it in a timely manner, please contact our customer service representative at 1-800-345-6087.

The kits include the necessary components for each lesson. They can be purchased as a complete packages that include components, a printed curriculum manual, and a CD-ROM version of the manual. Or the CD-ROM version of the curriculum manual is available for purchase separately. The Curriculum CD-ROMs contain a PDF version of the printed activity guide found in each kit. You do not need to purchase a CD-ROM separately when purchasing a complete kit. The CD-ROM is included in the printed notebook.

Please see the tear sheet for prices of each kit. Note that Illinois residents receive special pricing due to development funds from the Board of Education. They should select the product number with ILAK– prefix.

**AK-20 Poultry mAGic Kit**

Students will uncover interesting facts about U.S. poultry production through exercises and hands-on experiments. They’ll learn about the anatomy and nutritional value of an egg. They’ll also learn about the history of egg production and find out how poultry dishes are prepared around the world.

**AK-21 Insect mAGic Kit**

Students will learn about the impact of insects on crop production through a variety of lessons and activities. Mapping exercises let students follow butterflies on migration patterns. Students track a day in the life of an insect and learn about wingspan, life cycles, anatomy, and social hierarchy patterns of common insects.

**AK-22 Soil mAGic Kit**

Soils are alive, as students will discover through the lessons in this kit. Students will learn to conduct experiments in soil pH, create soil profiles, and understand the components of soil. They will also unveil the history of crop rotation and dig into the Dust Bowl.

**AK-23 Dairy mAGic Kit**

Hands-on exercises let students explore the process of using milk, acids, enzymes, and bacteria to make cottage cheese, yogurt, and ice cream. Students will find out how much milk one cow produces in its lifetime. They’ll also dive into history, and they’ll learn about issues of supply and demand in the dairy industry.

**AK-24 Plant mAGic Kit**

This kit offers problem-solving activities in plant propagation, production, and processing. Students will conduct experiments to learn about plant differences and plant ecosystems. They’ll also sequence plant products, research the discoveries of George Washington Carver, and look at the impact of crops on the national economy.

**AK-25 Machine mAGic Kit**

Students will learn about the history of farm machinery and the impact of modern farming techniques on families and communities. They’ll also learn how inventors John Deere and Cyrus McCormick helped shape modern agriculture. Hands-on exercises let students identify machinery parts and estimate farm machinery costs.
**Record Keeping Notes:**

**Renewing EZ Records subscriptions.** To renew a subscription to EZ Records the user will require a new access code. Access codes may be ordered from ITCS. **DO NOT TRY TO RENEW EZ RECORDS UNTIL NOTIFIED THAT THE SUBSCRIPTION IS WITHIN 30 DAYS OF EXPIRING.** A message will appear on the Record Book Main Page (in white text) notifying the user 30 days remain before the subscription expires. This message will count down the days prior to expiration. When the expiration notice appears a renew link also appears. Users may click on the Renew link. A window opens asking the user to enter the new access code. Enter the new access code and click the Validate Code button. This action completes the renewal procedure. When complete, the user is navigated to the Record Book Main Page and is able to continue working on their SAE records. Access to all record books is available with the newest record book being the Default record book. Other record book access is available from a pull down menu located near the upper right corner of the Record Book Main Page. EZ Records subscriptions are 14 months in length.

When a subscription has completely expired (14 months have passed) a new window appears. When the user enters their login, the software will automatically open the renewal window, requesting a new access code. Enter a new access code and click the Validate Code button to renew the account. Validating the access code renews the account and navigates to the Record Book Main Page. All previous record book data remains intact and within easy access by the user.

**Managing access codes.** Summer is often a time when school computers are updated and maintenance performed. To insure your access code records are not deleted you may choose to save the EZ Record files in a additional location, such as a USB drive, floppy disk, or CD-ROM. The codes should be saved in a secure location with a back-up copy. The back-up copy assures teachers will have access to their access codes should the computer crash or data be removed during maintenance. Creating a spreadsheet to record the access codes and their user names is another strong management tool. By entering your access codes into a spreadsheet, you have created a method of tracking the used and unused access codes.

Teachers share with us the importance of developing a strong management tool for the web based EZ Records access codes. Unused codes are viable for use when renewing or creating EZ Records accounts. By keeping a separate list of used access codes and unused access codes a teacher is prepared for distributing unused codes as the need arises. *DW*

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**Machinery Cost Estimates**

The Department of Agricultural and Consumer Economics has a cost for using tractors, equipment, forage, and harvesting operations on Illinois farms. The per-hour costs for operating tractors is also available. Estimated costs for most machinery operations are higher this year. Estimates are available in the management section of farmdoc: [http://www.farmdoc.uiuc.edu/manage/index.asp](http://www.farmdoc.uiuc.edu/manage/index.asp) Scroll down the page to find the data. There are a lot of entries so you may need to exercise patience to find what you are look for.

The farmdoc web site also contains a lot of information on current farm management, such as fuel prices, commodity prices, livestock feed costs, and much more. This is a very good resource for teaching farm and business management. *DW*
# 2008 State Livestock Placings and Cuts

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<th>Class</th>
<th>Placing</th>
<th>Cuts</th>
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<td>2-4-6</td>
</tr>
<tr>
<td>Class 2 Placing Sheep</td>
<td>4-3-1-2</td>
<td>4-2-6</td>
</tr>
<tr>
<td>Class 3 Placing Swine</td>
<td>3-2-1-4</td>
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<th>Class</th>
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<td>Class 9 Keep/Cull Swine</td>
<td>1-2-6-8</td>
<td>3-4-5-7</td>
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<td>Class 10 Keep/Cull Sheep</td>
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# 2008 State Dairy Cattle Placings and Cuts

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<tr>
<th>Class</th>
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<tr>
<td>Class 1 Jersey Sr. Calf</td>
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<td>Class 2 Holstein Sr. 4 yrs.</td>
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<td>Class 5 Holstein Calves</td>
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<td>Class 6 Holstein Jr. 2 yrs.</td>
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<td>Class 7 Holstein 2 yrs.</td>
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<tr>
<td>Class 8 Production Class</td>
<td>4-3-2-1</td>
<td>8-2-2</td>
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<tr>
<td>Class 9 Pedigree Class</td>
<td>4-2-1-3</td>
<td>4-6-5</td>
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## Contact the Staff

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News and Notes is published 5 times annually (September, November, January, March, and May) by ITCS Instructional Materials at the University of Illinois. Articles submitted for publication should conform to News and Notes specifications (available on request) and be clearly identified. Articles submitted by the 20th day of the month preceding each issue will be considered for publication in the next issue of News and Notes. For additional information, contact News and Notes Editor, ITCS Instructional Materials, University of Illinois, (217) 244-5170.

Dates to Remember
2008 Calendar of Events

May
3  State Public Speaking CDE, ISU
6  State Agricultural Business Management Career Development Event
13 State Agricultural Mechanics Career Development Event, UIUC
26 Memorial Day, UIUC holiday

June
10-12 Illinois FFA Convention, Springfield
17-19 IAVAT Annual Conference, Springfield
23-25 NAAE Region IV Conference, Bowling Green, KY

July
4  Independence Day, UIUC holiday
 Visit pubsplus.uiuc.edu to order items on our secure server
(credit cards and school purchase orders accepted; prices subject to change)

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*Price available only to Illinois residents. Price subsidized by developmental funds from the Illinois State Board of Education.

Judging Card Update

As noted in the 2007 ITCS Instructional Materials catalog and as announced at IAVAT fall section meetings, this will be the last year we distribute judging cards. To date, these cards have sold out and will not be reprinted:

J690 Horticulture Identification Ring
J999.100 Regular Placing Cards
J999.102 Female Selection Class (Keep-Cull)
Minimum amount for a charge order (including shipping) is $10.00. Checks should be made payable to the UNIVERSITY OF ILLINOIS but sent to Information Technology and Communication Services, 1917 S. Wright St., Champaign, IL 61820. For orders only call (800) 345-6087 or (217) 333-3871 or FAX (217) 333-3917 or send e-mail to pubsplus@uiuc.edu. We accept VISA and MasterCard.

*If payment is sent with this order, please include the following for shipping:

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<th>Description</th>
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<tr>
<td>For orders less than $5 add</td>
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</tr>
<tr>
<td>For orders from $5 to $19.99 add</td>
<td>$4.00</td>
</tr>
<tr>
<td>For orders from $20 to $99.99 add</td>
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<tr>
<td>For orders from $100 to $199.99 add</td>
<td>$9.50</td>
</tr>
<tr>
<td>For each additional $100 add</td>
<td>$4.00</td>
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Subtotal: 
Shipping*: 
TOTAL: 

*For orders less than $5 add $3.00, add $3.00 for each additional $100 add.
## Monthly Feed Prices

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<th>April 22</th>
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<tr>
<td>Corn, No. 2, shelled, bu.¹</td>
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<td>5.44</td>
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<tr>
<td>Corn, ground, shelled, bu.</td>
<td>5.09</td>
<td>5.58</td>
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<tr>
<td>Grain sorghum, bu.²</td>
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<tr>
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<td>4.80</td>
<td>5.01</td>
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<tr>
<td>Oats, bu.³</td>
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<td>Oats, ground, bu.</td>
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<tr>
<td>Wheat, bu.</td>
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<tr>
<td>Soybean meal, 48%, ton</td>
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<tr>
<td>Corn silage, ton⁴</td>
<td>31.24</td>
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<td>Hay, alfalfa, baled, ton⁵</td>
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¹ Based on prices at country elevators in central Illinois.
² Based on prices at country elevators in southern Illinois.
³ Based on prices at CBOT.
⁴ Estimated silage value as opportunity cost of harvesting crop as grain.
⁵ Based on prices direct off the farm in central Illinois.