

The Extension Educator

News from Your Brown County UW-Extension Office



Vol. 11, Issue 9
September 2011

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Solar Energy—Turning Brown County Green

- Brown County has installed solar panels at the Fairgrounds. Panels are also being constructed at the Weyers-Hilliard Library, the Kress Library, Barkhausen Waterfowl Preserve, the Aging & Disability Resource Center, and the Sheriff's office building.
- Solar energy produces no air or water pollution and no greenhouse gas emissions.
- Photovoltaic (commonly shortened to PV) cells turn sunlight into direct current (DC) electricity. Micro-inverters located on the panels change this DC power into Alternating Current (AC) electricity so that it can be used within the building or sold back to the utility.
- If we were to cover just 4% of desert lands with photovoltaic panels, we could easily generate all the electricity the world currently consumes.
- More energy hits the earth from the sun in one hour than the whole world uses all year.



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Green Bay, WI 54302-2259
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2011 Brown County 4-H Calendar

A complete 2011 calendar can be found on the 4-H web site at www.BrownCountyExtension.org and click on "4-H Youth Development" and then "Forms & Documents" and scroll down to "4-H Calendars."

September			
1	Thursday	DEADLINE: Reporter, Secretary, & Treasurer Books due today	County
3-5	Saturday-Monday	State 4-H Dog Show, Washington County Fair Park Pavilion, West Bend	State
6	Tuesday	Brown County 4-H History Club	County
6	Tuesday	Brown County 4-H Leaders Executive Board & Leaders Association Meetings	County
6	Tuesday	Brown County LOT ²	County
7	Wednesday	Livestock & Dairy Auction Wrap-Up Meeting	County
10	Saturday	Wisconsin Make it Wool Contest	State
10-11	Saturday-Sunday	State 4-H Horse Gymkhana	State
15-18	Thursday – Sunday	State 4-H Horse Expo	State
23-25	Friday-Sunday	Foto Follies 2011—Statewide Training for Photo Leaders & Judges, Wisconsin Dells	State
27	Tuesday	4-H Club Leader Training & Enrollment Packets Distributed	County
October			
2-8	Sunday-Saturday	National 4-H Week	National
3	Monday	DEADLINE: State 4-H Adult and Youth Council Annual Meeting registration date	State
4	Tuesday	National 4-H Week Open House	County
4	Tuesday	Brown County 4-H Awards Ceremony	County
8	Saturday	4-H Robotics Rally—Green Bay	State
8	Saturday	Conservation Day at Osprey Point	Area
8-9	Saturday-Sunday	4-H Arts Camp at Upham Woods	State
15	Saturday	DEADLINE: 4-H Educational & Leadership Trip Applications due today	County
15	Saturday	DEADLINE: I Dare You Award Nomination due today	County
15	Saturday	DEADLINE: Key Leadership Award Nomination due today	County
18	Tuesday	New Leader Training	County
29	Saturday	State 4-H Adult and Youth Council Annual Meeting	State
November			
1	Tuesday	Brown County 4-H History Club	County
1	Tuesday	Brown County 4-H Leaders Executive Board & Leaders Association Meetings	County
1	Tuesday	DEADLINE: 4-H Charter Documents due today	County
5	Saturday	4-H Club Officer Training	County
7	Monday	North Central Region 4-H Leader Forum	Region
17	Thursday	North Central Region 4-H Leader Forum	Region
22	Tuesday	North Central Region 4-H Leader Forum	Region



Thank you to everyone that helped with the 2011 Brown County Fair. This event is a wonderful showcase for 4-H youth to show the public what they have accomplished during this past year as a 4-H member. It also serves as a valuable educational tool, helping

youth see how their exhibit compares to the standards. Regardless of the placing or ribbon color, I hope that all youth learned new skills this past year through their 4-H participation and achieved their personal goals for the project. Now that the fair is over, I encourage all youth to express their appreciation to the adults who supported them this past year including parents/guardians, 4-H Project Leaders, 4-H Club Leaders, and others who volunteered countless hours not just at the fair, but throughout the year. Without the dedication of hundreds of volunteers, 4-H simply would not exist.

As September draws to a close, it's time to begin thinking about the new 4-H program year which begins October 1. Every year National 4-H Week is celebrated the first full week of October, nationwide. This year our local *National 4-H Week* celebration will be held on Tuesday, October 4 in place of the monthly 4-H Leaders Association meeting. This event will include an Open House for the public from 4:30 PM—6:30 PM and a 4-H Awards Ceremony beginning at 6:30 PM. I hope that you will join us for this event to recognize Brown County 4-H Leaders for all of their contributions and to help recruit new 4-H families.

Finally, as we begin the new year, think about your personal contributions to the 4-H program. Were there more ways you could have supported your children, your 4-H club, or the Brown County 4-H program? Remember, one of the major differences between 4-H and many other youth programs is that we are a family-based organization. We rely on parents participating with their children and volunteering in a variety of ways to help keep our program strong.

Leader News



Leader Awards

This year, 4-H Leader Awards will be presented at a special Awards Ceremony held in conjunction with National 4-H Week. This event will begin at 6:30 PM on Tuesday, October 4 at the U-Extension 4-H Office. All 4-H families are invited to attend this celebration to help recognize 4-H volunteers and others.

All first year 4-H leaders and those celebrating an anniversary year (5, 10, 15, 20, etc.) have been notified by mail about this event. Those completing an anniversary this year also received a postcard with their choice of a gift selection. These postcards need to be completed and returned to the 4-H Office no later than September 1 so that the gifts can be ordered.

Nominations for *Friend of 4-H*, *Volunteer of the Year*, and *Meritorious Service Awards* are also due in the 4-H Office on or before September 1. These nominations may be made by 4-H Members or 4-H Leaders and the nomination forms are available online.

This year Abbie Jo is chairing a committee to plan the Awards Ceremony, that will include not just the 4-H Leader Awards, but will also include Cloverbud Recognition and other special awards, and recognition including the winners of the 4-H Reporter, Secretary, and Treasurer Books. If you have any questions, please contact Abbie Jo at 920-285-5300 or the 4-H Office.

State 4-H Adult and Youth Council

The annual *State 4-H Adult and Youth Council Annual Meeting* will be held on Saturday, October 29, 2011 at the Holiday Inn and Suites, 1001 Amber Ave in Stevens Point, Wisconsin from 9:00 a.m. - 4:30 p.m.

Each of the 72 Wisconsin counties selects at least one adult and one youth 4-H volunteer to actively participate in Fall Forum. The adult volunteer delegates are considered the members of the Wisconsin 4-H Adult Leader Council with a one year term and this meeting serves as their annual meeting. The Forum provides volunteers the opportunity to learn, teach, network, and discuss critical issues and initiatives with the 4-H Youth Development program area on policies and direction affecting Wisconsin 4-H. Volunteers practice and demonstrate youth adult partnerships at the highest level through this experience. The experience involves adult 4-H volunteers that are members of the Wisconsin State 4-H Adult Leader Council Board (ALC) and the Wisconsin State 4-H Youth Leader Council (YLC). These volunteer leaders are selected through a statewide process to provide leadership and support for all 4-H volunteers.

The Fall Forum gives each county the opportunity to have a voice in the future of Wisconsin 4-H. Let your voice be heard through attending this year's Fall Forum. During business meetings, ALC will select the ALC Board member and YLC votes on new YLC members.

The 2011 Silent Auction profits will go to the Upham Woods Capital Campaign. Upham Woods is the Wisconsin 4-H State Outdoor Learning Center located in the Wisconsin Dells. It's mission is to provide educational opportunities to youth, youth leaders, and adults through programs focused on environmental and leadership education.

If you would like to attend this educational event, you need to register with the 4-H Office by October 3. For more information contact Eileen Rueden at 920-470-5562.

North Central Region 4-H Volunteer E-Forum

There is no better way to recharge your 4-H leader enthusiasm than by attending the *North Central Region 4-H Volunteer Forum*, and this year the forum will be right here in the 4-H Office! For the first time ever, the North Central Region 4-H Volunteer Forum is actually an e-Forum. The dates and times are listed above and the topics will be:

November 7:

Quality Matters: In Chocolate and 4-H Programs
Brenda Shafer, University of Minnesota

The Teen Brain: A Work in Progress
Annette Haas, University of Wisconsin-Extension

November 17:

Keeping Your Cool While Working with Youth
Pat McGlaughlin & Sheri Seibold, University of Illinois

Reducing the Risks of 4-H Club Meetings
Vicki Schwartz, Ohio State University

November 22

Get Connected in Your 4-H World
Rachelle Vettern, North Dakota State University

4-H Science
Dixie Sandborn, Michigan State University

Community Service Learning
Steve McKinley, Purdue University

There will be a per session fee per person to cover the cost of handouts and refreshments. Contact Judy at the 4-H Office for payment information. Please be sure to register for each session you plan to attend, at least one week before the event. If there are less than 6 volunteers registered for a session, the session may be canceled.

Annual Leader Training

The required *Annual Leader Training* will be held on Tuesday, September 27. The afternoon session will be held 1 PM—3 PM and the evening session will be from 6 PM until 8 PM. Each club is required to have at least one adult volunteer attend this meeting. Please contact the 4-H Office by September 20 to register for this training.

The topic for this year is: Project Leaders That Make the Difference. Program topics include:

- Learning Styles
- Teaching Methods
- Experiential Learning Concepts
- Project Goals
- Developing a Plan

This would be a great training not just for 4-H Club Leaders but especially for 4-H Project Leaders. The last 30 minutes of the training will be to discuss the 2012 enrollment process and the enrollment packets will be distributed at this meeting.

2011 NORTH CENTRAL REGION 4-H VOLUNTEER E-FORUM

SAVE THE DATES!

Dates for the 3 sessions:

- Monday, 11/07
- Thursday, 11/17 &
- Tuesday, 11/22



Time for each session:

- 7:30-9:30 p.m. (ET)
- 6:30-8:30 p.m. (CT)
- 5:30-7:30 p.m. (MT)

Join with other 4-H Volunteers in your community to learn cutting edge information that will help you work with your 4-H members. Session topics include Positive Youth Development, 4-H Program Management, and New & Emerging Curriculum. More information about the location and additional details will be announced soon!

Join the 4-H Techno Evolution!!

New Leader Training

If you are thinking about chaperoning any 4-H events this year, leading a project, or serving in another 4-H volunteer capacity and have not completed New Leader Training, you will want to attend one of the two sessions offered on Tuesday, October 18. The afternoon session will be from 1 PM—3 PM and the evening session will run from 6 PM—8 PM. Please register for this training no later than October 11. These workshops will be held at the University of Wisconsin-Extension 4-H Office.

Charter Documents

Don't forget that every 4-H Club and Group (Leaders Association, Horse Association, Livestock and Dairy Auction Committee, and LOT2) are required to complete and submit their charter documents to the 4-H Office no later than November 1 this year. Prior to that, each club and group is required to complete the Financial Summary pages of the Charter Renewal, complete an audit, and bring all of their financial records to the 4-H Office for review. The schedule for the date each club and group needs to submit their documents has been emailed. If you did not receive a copy or have misplaced the schedule, please contact the 4-H Office.

Incomplete and/or late Charter Renewals will not be accepted and the club or group will lose its affiliation with 4-H and its right to use the 4-H name and emblem.

Please do not hesitate to contact the 4-H Office if you have any questions about the Charter Documents.

Club Officer Training

This year 4-H Club Officer Training will be held on Saturday, November 5 from 9 AM—11 AM. All 4-H Clubs are encouraged to have elections prior to November 1 so that new officers can participate in this event. Please be sure that ALL 4-H Club Officers planning to attend this workshop preregister with the 4-H Office by October 28.

Animal Science



Livestock and Dairy Auction Wrap-Up

The Livestock and Dairy Auction Committee has scheduled their wrap-up meeting for Wednesday, September 7 at 7 PM at the 4-H Office. All youth that participated in the auction and their parents are invited to attend. The final auction and ultrasound data will be distributed at this meeting and there will be an opportunity to provide input about this year's auction, make suggestions for next year, and provide input on topics for educational meetings in 2012.

Livestock and Dairy Auction Reminders

If you took part in the Livestock and Dairy Auction, there are a few things you still need to do within 30 days of the auction (September 19):

- Turn in your completed Dairy or Market Animal Summary Form to the 4-H Office
- Turn in a thank you to the buyer of your animal or dairy basket. Place your buyer's thank you in an unsealed envelope addressed properly to your buyer and with the correct amount of postage.
- Pick up your auction check at the 4-H Office within 30 days of the auction. Checks will first be available at the Livestock and Dairy Auction Wrap-Up Meeting on Wednesday, September 7, provided you have turned in your Animal Summary Form and the Thank You to your buyer.

Nasco Showing and Grooming Contest

Nasco is sponsoring a contest to showcase youth who show animals at shows or expos such as the county fair. Each entry must include a photo (professional photos are not necessary) of the entrant with their show animal and a story (800 words or less) about their relationship with their animal and their experience preparing for the event, plus their name, age, mailing address, phone number, and e-mail address (optional). Entry deadline is October 3rd. More information is available at http://www.enasco.com/page/SG_Contest_0411LP/?utm_source=FarmRanch&utm_medium=email&utm_campaign=rcontestjuly11

Livestock Youth Resources

Would you like to receive information on upcoming events, workshops, results from events, resource information as it relates to youth livestock (beef, sheep, swine and meat goats)? If yes, please subscribe to the Youth Livestock Website. Go to <http://fyi.uwex.edu/youthlivestock/>, to subscribe. Whenever there is new information posted, you will receive an email. You can also follow us on Facebook by searching for Wisconsin Youth Livestock Program and like the page or you can find us on Twitter @wiyouthlvstk. All of these methods will keep you up to date on all information as it relates to Youth Livestock in Wisconsin.

Cream of the Crop

Jefferson County's Cream of the Crop 4-H Club invites all 4-H, FFA, Jr. Breed or other youth organization members to participate in the first annual Cream of the Crop Dairy Challenge in Jefferson, Wisconsin September 17, 2011. This event will be hosted by the Cream of the Crop 4-H Club. The event location is about 40 minutes east of Madison and would be an excellent practice contest before participating in a World Dairy Expo contest. For those who wish to MapQuest the location, the

address is 925 Lexington Blvd. Fort Atkinson, WI 53538. Registration will begin at the Fort Atkinson High School at 9:30 am and the contest will begin at 10:00 am.

Any questions about this event should be directed to Megan Lundy, Cream of the Crop General Leader. Phone, (920) 563-6137 email, megansthequeen@hotmail.com Entries are due by AUGUST 31 so if you would like to compete get your information in soon!

Arts & Activities



4-H Arts Camp

The State 4-H Arts Camp for 6th– 8th graders is on October 8-9, at Upham woods, Wisconsin Dells. Youth will learn about music, drama, photography, communication, visual arts and juggling. Campers will leave 4-H Arts Camp with plenty of creative ideas to bring home to their club. The cost is \$60, which includes a camp t-shirt. For an application go to <http://www.uwex.edu/ces/4h/events/artscamp/index.cfm> but hurry because applications are due September 1 and space is limited, so register early. Adult Chaperones are needed for this event, so please contact the 4-H Office if you are interested.

4-H Photo Leaders & Judges Training

Please mark your calendars for “Foto Follies 2011,” a statewide training program for Wisconsin 4-H youth and adult photo leaders and county fair judges, to be held **September 23-25**, at Upham Woods Environmental Education Center, Wisconsin Dells. The conference begins with registration at 6 p.m. on Friday and ends at 11:30 a.m. on Sunday. It will feature separate tracks for beginning and advanced photo leaders, as well as sessions for those who want to be registered as county fair photography judges.

The registration fee will cover five workshop sessions; keynote talk; personal photo critiques; photo walks and activities; two breakfasts, lunch and dinner; two nights lodging in a dorm or cabin; and all program materials. All youth leaders must be in high school and accompanied by an adult.

For adult and youth 4-H photo volunteers, the conference will focus on ideas and information on how to be an effective leader, with an emphasis on resources and activities that you can use to teach photography to young people. You'll also have many opportunities to practice and improve your own photo-taking skills. Workshop choices will include photo composition and technique; basic portraiture and lighting; studio lighting and portraiture; taking photos of people and animals; taking still life photos, taking photos of buildings; outdoor photography; and sessions related to digital photography, manipulation and presentation.

For new and aspiring judges, sessions will cover the basics of Danish and conference judging photos at Wisconsin county fairs. You can use this opportunity to polish your judging skills or to become registered as a Dept. 20 county fair judge. Watch for registration information soon. To get on the conference interest list, contact Tom Carpenter at the Wisconsin 4-H Office, at tom.carpenter@ces.uwex.edu or 608-262-1223 or as soon as possible. Space is limited.

WJPA Youth Photo Contest

The Wisconsin Junior Poultry Association Photo Contest will be held Saturday, September 24, at the Wisconsin International Poultry Show at the Portage County Fairgrounds. The photo must be taken of domesticated show poultry (ducks, geese, turkeys, pigeons, chickens, guineas). All photos of wild poultry will NOT be considered (raptors, song birds, pheasants, wild pigeons, or wild turkeys). All photos submitted must be 8x10” and unframed or unmated. All photos will be judged on quality, clarity, and composition. The bird(s) should *be the main subject*. All entries must include your name, address, city, state, zip code & age printed on a piece of paper taped to the back of the entry.

There are 3 categories: Ages 10 and under, Ages 11- 13, Ages 14-18. You may enter as many photos as you like, but the prizes will go to different youth so no one contestant wins all of the prizes for his/hers age category. There is a small entry for each photo you enter. Final entry date is September 12. The photos must be postmarked by this date or they will not be considered. All entries become property of the Wisconsin Junior Poultry Association and may be reproduced. Mail your entry/entries to: Vanessa Beach, P.O. Box 185, Forest Junction, WI 54123. Contact Vanessa for entry fee and more info at 920- 989-1147.

The WJPA 2011 calendar will be dedicated to Dawn Marie Murphy. Mrs. Murphy was an award-winning digital photography and a freelance photographer in Poland and South Africa. She was often a community volunteer, including painting murals at orphanages in Warsaw, Poland, and volunteering in a soup kitchen in Johannesburg, South Africa. Mrs. Murphy passed away this April from kidney cancer. Kodak Photography Tips can be found at www.kodak.com/eknec/PageQuerier.jhtml?pg-path=317

Natural Resource



Conservation Day at Osprey Point

The Brown County Chapter Izaak Walton League is sponsoring a Conservation Day at Osprey Point at the East River Conservancy/Osprey Point on County Highway GV in

Bellevue (located approximately one mile south of Hwy. 172). The event is scheduled for **Saturday, October 8**, from 10:30 a.m. to 1:30 p.m.

Activities will include bird house decorating, fishing (catch & release, bring your own tackle & bait), geocaching, bird viewing, hiking nature trails, pumpkin painting, make a suet feeder, and a marshmallow roast. Demonstrations will be provided by Trout Unlimited, Ducks Unlimited, Taxidermy, Wings Over Wisconsin, and Mammal Trapping. Registration fee includes lunch, fishing, and making a suet feeder. For more information or to register for the event, email gizwicky@gmail.com no later than September 28.

Lost Dauphin 4-H Club

Kaylee Coel

Our last meeting was on August 7, 2011 and we had it at the Lost Dauphin Park. Our President Matt Coel called his last meeting to order! The Graduates that were at the meeting then led the pledges. We talked about the fair food stand regulations and about when we have to be there and what we have to wear. We also had a sign up to help with the fair booth. The fair is August 17-21 and the clean up day and the food stand training and 10:30 is August 13. Entry day for the projects is on Tuesday August 16th. Lot2 is going to run the Ag Olympics on Sunday August 21st at 11:00am. Our club's sign for the fair is hanging at the BP station by freedom.

Drama Fest is just around the corner and we had a sign up for it at the meeting. On August 6th our Music Fest group went to State Fair and got a 92/100. Congratulations. Our trip kids gave talks about their trips that they took this past summer. Ray Clark talked about his American Spirit Trip, Callie Van De Hei went to the Youth Conference at Madison and Matt Coel went on the Citizenship Washington Focus Trip!!!

Our next meeting will be our Re-organizational meeting on Sunday Sept 11 at 4:00 at the Lawrence Town Hall. Some upcoming events for our club to remember are Adopt-a-Highway on September 10. If you didn't attend the one in spring, please attend this one! The Record books/Senior Portfolios are due by August 28. The Awards and Recognition Night is on October 4. The next Leaders meeting is on September 6 at 6:15. The next Lot2 meeting will be a pizza and bowling meeting on September 25 at 2pm at the Ashwaubenon Bowling Alley! Everyone is invited!

I would also like to thank our graduates for many great years! Thank you Matthew Coel, Chris Amond, Sarah Boyea, and Jessie Van Schyndel. Thank you so much and good luck in your future!!!

Bits & Pieces



Go to Bat for 4-H

Want a chance to win tickets to the 2011 Major League Baseball World Series and help 4-H win \$25,000? You have a chance to do both just by visiting the State Farm Go To Bat website at http://mlb.mlb.com/mlb/sweepstakes/y2011/state_farm/gotobat/index.jsp.

Wisconsin State Fair Merit Awards

Congratulations to all of the Brown County 4-H members that exhibited at the 2011 Wisconsin State Fair. All of you should be proud of your accomplishments! This year, two Brown County 4-H youth received Wisconsin State Fair Merit Awards. Congratulations to Amberly Summ and Nevon Neerdaels!

Robotics Rally

Brown County is hosting the fall Robotics Rally on Saturday, October 8. This event is open to both 4-H and non-4-H youth as teams or individuals. The registration deadline is September 1. For Information Packets and Entry Forms, please contact the 4-H Office.

CSI Forensic Science

Nearly 200 youth participated in the 4-H CSI Forensic Science programs held at Brown County Library branches. In all, fifteen different programs were conducted by Lena Hosking, 4-H Program Assistant this summer. The programs included:

- Keen Observation
- Mystery Powders in the Office
- DNA Evidence
- It's A Matter of Splatter
- Sticky Fingers & Crime Wrap-Up

REMINDER

Reporter, Secretary & Treasurer
Books are due in the 4-H Office



Agriculture

Mark Hagedorn, Agriculture Educator
(920) 391-4612
mark.hagedorn@ces.uwex.edu



Upcoming Area Ag Events

- **September 9—Farm Management Update for Ag Professionals**, Liberty Hall, Kimberly
- **September 24—2011 Forestry Fall Field Day**, Ledge View Nature Center, Chilton, details can be found at www.glacierlandrcd.org (click on “Events”)
- **November 15—Pest Management Update Meeting**, Rock Garden, Green Bay

Call 920-391-4653 for more information on these programs, or visit www.BrownCountyExtension.org and click on the “Agriculture” link.

Did July Heat Hurt Corn Yield Potential?

An extended run of above normal temperatures in July has some wondering if corn yield potential was impacted. With its origin in Mexico, corn is a somewhat tropical plant that can withstand (and even thrive) under hot conditions. Extreme heat, including warm nights, over a period of days can result in a situation where photosynthesis (the buildup of sugars) can't keep up with respiration (the breakdown of sugars). This usually isn't a big problem unless corn is in grain filling stages. During the July heat, we were fortunate to have enough rain to minimize moisture stress, which can significantly impact final grain yield. Bottom line—unless moisture stress was also an issue, heat probably had little impact on potential grain yield and may actually have helped in expediting crop development.

2011 Corn Silage Dry Down

Brown County UW-Extension, Agri Partners Co-op, AgSource Soil & Forage Lab, and Dairyland Farms will once again offer three corn silage dry down days (dates to be determined soon). Producers can drop off 4 to 5 stalks of corn by 2 p.m. on dry down day, and the results will be available by noon the following day. Producers will be asked to provide the planting day, variety, maturity, and location of the crop.

If you want to be notified when the dates are set or are interested in receiving results from the dry down, please contact Mark Hagedorn at 920-391-4612 or send an email to kathy.dechamps@ces.uwex.edu.

It's All About Days Now

Once corn silks, heat units (GDUs) and hybrid maturity become secondary to days for determining when the crop will near harvest stage. The chart below offers the estimated days to a particular corn kernel stage following silking:



Stage	Days from Silking	Grain Moisture	Whole Plant Moisture
R1-Silk	0	—	80-85
R2-Blister	10	85-95	80-85
R3-Milk	18	75-85	77-82
R4-Dough	24	60-80	75-80
R5-Dent	29-32	50-55	70-75
R5.5-50% Milk	42-47	35-40	65-70
R6-Mature	55-60	25-35	55-65

Best Time to Seed Winter Wheat

The recommended optimum time to plant winter wheat has varied through the years, but research and farmer experience has finally brought us to September 15 to October 1 as “prime time.”

Planting in early September often increases the risk for Barley Yellow Dwarf virus, which is spread by insect feeding. It also sets up a situation where too much growth is accumulated before winter and stands become more susceptible to snow molds and other diseases. Planting later than early October simply cuts the yield potential of the crop.

Because winter wheat often follows a soybean harvest, it is the soybean crop that dictates winter wheat planting date in many situations. With this in mind, soybean planting date and variety maturity play a role in the yield potential of the winter wheat crop. If you find that winter wheat is often being planted during the last half of October, it may be time to consider shorter season soybean varieties with high yield potential.

Corn Harvesting Losses

Pre-Harvest Losses

- Hybrid
- Ear droppage: One ear (3/4 pound each) in each 1/100 of an acre is equivalent to one bushel per acre. To determine 1/100 of an acre, take the normal 1/1,000 acre distance times ten. For example, in 30" rows, 1/1000 of an acre is 17' 5"; 1/100 acre would be that distance across ten rows. For each ear in that area, there is one bushel per acre loss.
- Maturity
- Weather
- Timeliness

Gathering Losses: grain that doesn't get into combine

- Shatter losses caused by the header: count the number of ears and kernels under the header. Two kernels per square foot are equal to one bushel per acre of loss. More than a half bushel per acre (or one kernel per square foot average) indicates adjustments would be appropriate.
- Stubble losses
- Stalk losses
- Lodged plants

Machine Losses

- Improper adjustment of threshing, separating and cleaning sections
- Threshing loss is indicated by kernels attached to pieces of cob behind the combine. These were not shelled by the rotor or cylinder.
- Separating losses are additional loose kernels on the ground behind the combine. These were not shaken out of the cobs and husks and were lost over the back of the separator.

How to Measure Losses

1. Determine average loose kernel loss and cylinder/rotor loss
 - **Every 2 kernels per square foot = 1 bushel per acre**
 - Kernel still attached to cob = cylinder/rotor loss
 - Acceptable level = 1.2 to 3 kernels per square foot
2. Determine machine ear loss
 - Behind combine, gather all ears on 1/100 acre

- In front of combine, determine pre-harvest ear loss in standing corn on 1/100 acre
 - Subtract pre-harvest ear loss from ear loss at the rear of machine
 - **each 3/4 pound ear = 1 bushel per acre**
 - **each 1/2 pound ear = 2/3 bushel per acre**
 - Acceptable level = 0 to 1.0 bushels per acre
3. Typical level = 0.6 to 2.5 bushels per acre: **Can you limit your total field loss to less than a half bushel per acre?** That would place you and your combine in the top ten percent.

Kernel Moisture Ranges (%)

1. 33-35% Plant moisture = Silage harvest
2. 29-32% Kernel moisture = High Moisture Corn (High Moisture Ear Corn and High Moisture Shelled Corn) - ensiled
3. 25-26% Kernel moisture = Ideal for combining
4. 20-23% Kernel moisture = Ideal for picking
5. Below 20% kernel moisture = field losses increase, but cost of drying shell corn is reduced

Forestry Field Day

On Saturday, September 24, a Forestry Field Day will be held for anyone interested in learning how to manage forested land to keep it healthy and productive. The Field Day will be held at the Ledge View Nature Center in Chilton. Sessions will cover topics such as the Niagara Escarpment, Wood Consumption, Invasive Species, Good Bugs, Prairie, and Forest Management Options. In addition, a tour of the caves at Ledge View will cap off the day.

More information is available online at www.glacierlandrcd.org (click on the "Events" page). Cost of the Field Day includes lunch. This event is sponsored by Glacierland RC&D and the Winnebago Land Woodland Owners Chapter of the Wisconsin Woodland Owners Association. For more information, call Glacierland RC&D at 920-465-3006.





Home & Community Education

(920) 391-4610

Executive Board		Center Advisors	
President	Louise Dahlke, 362-4756	De Pere Ridge	Marge Hutjens, 336-5984
Vice-President	Marlene Bergum, 336-7472	Glenmore (Co-Advisors)	Mary Anne Gussert, 336-1470
Immediate Past President	Pat Ross, 869-1394		Marian Kiley, 336-8280
Secretary	Joyce Grulke, 863-6603	Green Bay East	Marilyn Ourada, 469-4388
Treasurer	Arleene Miller, 864-7514	Green Bay West	Leona Bergmann, 499-9217

Presidents Letter

Louise Dahlke

Another month is past and we are at the end of our summer already. This has been a hot and humid summer and I'm sure we are all looking forward to a mild fall season. Our September starts with the WAHCE State Conference September 12 – 14 in Onalaska. At this time we have 12 ladies attending from Brown County; a lot of new information will be shared in the coming months. Also in September we will begin our Make-A-Difference month with our donated items going to NEW Community Shelter, remember to drop off your items of shampoo, flip-flops, finger nail clippers, spiral notebooks, pens, sandwich bags and personal hygiene items, etc. at the office during the month. We also have the special session on September 20th with a speaker from Unity Hospice at 5:30, **please call Joan in advance to sign up for all sessions.** On October 12th we will have the Leader Training "Where did I Leave my Coffee Cup?" and on October 18th there is a tour of De Pere Outreach. On October 25th we will have the Fall Association Meeting at the Extension with a potluck at 6:00 p.m. and the meeting at 7:00 p.m. I want to thank everyone who helped at the Brown County Fair in our BCHCE information booth and in any other way. The help we get from our members is greatly appreciated.

Have a Great September!

Louise

CALENDAR OF EVENTS

September 2011

Su	Mo	Tue	Wed	Thur	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

October 2011

Su	Mo	Tue	Wed	Thur	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

November 2011

Su	Mo	Tues	Wed	Thur	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

September 5
Labor Day

September 12—14
WAHCE Conference
@ Stony Creek Inn, Onalaska, WI

September 20
Speaker from Unity Hospice
@ BC UW Extension office, 5:30 pm—7:30 pm
Arranged by: Marion Kiley
Glenmore HCE Club

September 23
First Day of Autumn

October 12
Leader Training—Where Did I Leave
My Coffee Cup?
@ BC UW Extension office
1:30 pm or 7:00 pm

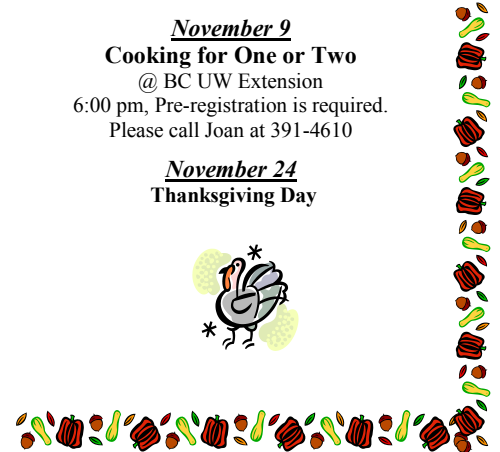
October 18
Tour of De Pere Christian Outreach
3:00 pm @ 506 Butler Street, De Pere, WI
Hosted by: Janice Coenen, Lucky Pennies HCE Club

October 25
Fall Association Meeting
@ Brown County UW-Extension
Potluck at 6:00 pm; Meeting 7:00 pm

10

November 9
Cooking for One or Two
@ BC UW Extension
6:00 pm, Pre-registration is required.
Please call Joan at 391-4610

November 24
Thanksgiving Day



Cultural Arts

Ruth Ann Vannieuwenhoven



WAHCE State Conference is up and coming September 12, 13 and 14. The conference is being held at Stony Creek Inn, in Onalaska, WI. If you are planning to attend the WAHCE State Conference, and need a room reservation, please contact Ruth Ann Vannieuwenhoven at 920-869-2575 as soon as possible. Ruth Ann has a block of rooms set aside at the Stony Creek Inn for the State Conference.

The WAHCE Annual Conference shows August 17, 2011 as the deadline to register, after the 17th there is a late fee. Furthermore, for your convenience to register, you may go to the web site:

<http://www.wahceinc.org/conferenceinfo2011.html>. Or you may also contact Joan at the Brown County UW Extension office 920-391-4610 for registration forms.

Make-A-Difference Month—September NEW Community Shelter

Shampoo, flip-flops, fingernail clippers, deodorant, hair brushes, spiral notebooks and pens, sandwich bags.



**Wisconsin Bookworms
Starting Again!
Tina Fiset**

A meeting of all team leaders and readers, please try to make our organizational meeting on Thursday, September 15, 2011 at 9:00 am in room 114. We need a lot of hands to assemble books. If you have any questions or team leaders can not make it, please contact Tina Fiset at 336-0332.

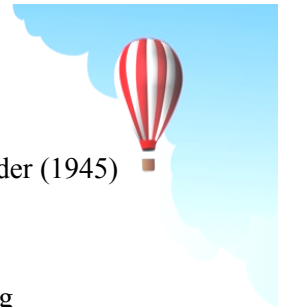
Unity Hospice Presenter Marion Kiley

A speaker from Unity Hospice will come out to speak to us and answer any questions you may have about Unity Hospice. This is a special session which will take place on Tuesday, September 20, 2011, at 5:30 p.m. held at the Brown County UW Extension building. If you plan on attending, please contact Joan at 920-391-4610.



Citizenship

Shirley Nooyen



September 2

V. J. Day

Japan signed formal surrender (1945)

September 5

Labor Day

Please fly your flag

September 10

U. S. Naval Sea Cadet Corps
Incorporated (1962)

September 11

Patriotic Day

Please fly your flag

Grandparents Day

September 14

“Star Spangle Banner”

Written by Francis Scott Key (1814)

September 16

POW/MIA Recognition Day

Please fly your flag

September 17

U. S. Constitution was approved (1787)

Ladies Auxiliary VFW organized (1914)

Citizens Constitution Day

September 18

U. S. Air Force Established (1947)

September 29

VFW Day Established (1899)



ASPIRO 2011 Cookies

September—Sweet Peas



Tour De Pere Christian Outreach

Janice Coenen



Come One, Come All!

Let's tour the De Pere Christian Outreach facility on Tuesday, October 18th at **3:00 pm**. It is much more than a thrift store. Come and see how the center serves the community. Five members of the Lucky Pennies, volunteer in many activities. Janet Klipstine will guide us, while Janice Coenen and Lois Mc Allister will help. There are many opportunities to make the De Pere Christian Outreach a success. The thrift store is seeking help in sorting, cashier, department heads, maintenance, and recycle, just to name a few needs. So come find out what we can do.

Volunteers are WELCOME!

De Pere Outreach Center is located on 506 Butler Street, De Pere, off of Grant Street, across from the Community Center. Refreshments will be served by the Lucky Pennies HCE members. If you'd like to shop, you're more than welcome. Call Joan at 920-391-4610 by October 15, 2011

"Where Did I Leave My Coffee Cup?" Leader Training



This will be a fun program that focuses on why we forget things; and what can be done to improve our memory. There will be two sessions, one session will be at 1:30 pm, the other at 7:00 pm to be held on Wednesday, October 12, 2011 at the Brown County UW-Extension office. Please call Joan at 920-391-4610

Thank You

Dear Members of BCHCE:

Thank you for the gift of Seroogy's candy for my retirement. I know I won't be able to find as great a chocolate in Florida! Its been great helping you out making coffee through the years at UW Extension office.

Take care,
Linda Blondin
Support Staff—Retired

Attention all Brown County HCE Members:

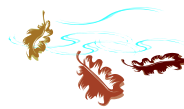
**Marilyn Ourada
East Center Adviser**



Mark your calendar. A Christmas Banquet for our group will be Wednesday, December 7, 2011 at The Rite Place, located on 1580 Bellevue Street. More details will follow. Hoping to see you all there.



Fall Association Meeting



On Tuesday, October 25, 2011, the Brown County HCE members will have there fall association meeting at the Brown County UW-Extension off. There will be a potluck starting at 6:00 pm. Members attending the potluck are asked to bring a dish to pass. The meeting will follow the potluck at 7:00 pm.

Check Out Our Blog!

<http://bcuwexhealthyliving.blogspot.com/>

Judy Knudsen, Brown County UW-Extension Family Living Educator, will be regularly updating this online blog featuring recipes, tips, and advice on healthy eating and food safety. Come interact with us... We want to hear your comments and feedback!

Food Preservation Classes

Judy Knudsen

Upcoming food preservation classes for September, October and November 2011:

September 20, 2011- Canning Condiments
September 21, 2011- Drying Foods
October 4, 2011- Fruit Butters
October 11, 2011- Pie Filling Class
October 19, 2011- Meat Canning Class
November 2, 2011- Pie Filling Class



*Your county
extension office*



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Cooperative Extension
Brown County

**COOPERATIVE EXTENSION PROGRAMS
UNIVERSITY OF WISCONSIN-EXTENSION**
University of Wisconsin, United States Department of Agriculture,
and Wisconsin Counties cooperating.

Brown County UW-Extension
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Green Bay, WI 54302-2259
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