# Newsletter Highlights

- Fall Meeting
- Schedule of Events/Information
- Greetings
- Directions

- Questionnaire
- Secretary/Treasurer's Report
- Meeting Registration Complete & Send

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in agricultural, food, and

biological systems

# ASABE WISCONSIN SECTION

The Newsletter of the Wisconsin Section of the American Society of Agricultural Engineers

# October 2007

2007-2008 Editor: Bill Bassett email: bill.bassett@kuhnknight.com

Published Three Times Per Year

#### ASAE WI Section 2007-2008

Chair Scott Sanford UW-Madison (608) 262-5062

**2006-2007 Past Chair** Bob Loehr John Deere Horicon Works (920) 485-5365

Vice Chair Program (Chair-Elect) Randy Clark RCI Engineering LLC (920) 583-3590

Vice Chair Awards Bob Satori Manitowoc Cranes (920) 683-6329

Vice Chair Membership Damion Babler Kuhn Knight, Inc (608) 897-2131

Vice Chair Public Relations Bill Bassett Kuhn Knight, Inc (608) 897-2131

Vice Chair Career Development Jeff Marggi Kuhn Knight, Inc (608) 897-2131

Secretary and Treasurer Matt Digman USDA-ARS (680) 890-1320

# WISCONSIN SECTION MEETING WEDNESDAY, OCTOBER 24<sup>TH</sup>

The ASAE Wisconsin Section meeting will be held on Wednesday, October 24<sup>th</sup> at the Friedrick Center in Madison.

In conjunction with the meeting, there will be a tour of Agrecol's Rock Praire Farm in Evansville at 2:00pm. Agrecol is the largest grower of native plants and seed in the Midwest. Agrecol grows over 200 species of native wildflowers and grasses for conservation, restoration and erosion control. Agrecol is also a pioneer in using biomass for heat generation...a practice aimed at bringing value to a previous waste product. The company has recently received an ADD grant to develop a biomass pellet for biofuel.

Following the tour at 5:00pm, Don Erbach, ASABE President, will present "Bioenergy Specialty Crops and More."

A buffet style dinner will be held at 6:30pm followed by a brief meeting to discuss any new business. For those interested, a tour of the Ag Engineering Laboratory will be given at 8:00pm.

# Schedule of Events/Information

#### **Carpooling (if desired)**

If you want to carpool, meet at 1:15 at the Dutch Mill parking lot bus stop. The lot is located at the Beltline and Hwy 51 (Stoughton Road). Take Hwy 51 north, go east on Broadway <sup>1</sup>/<sub>4</sub> mile, the parking lot is east of the gas station. We will be leaving promptly at 1:30.

<u>Agrecol's Rock Praire Farm</u> – Ethanol Facility and Native Plant Center 10101 North Casey Road, Evansville, Wisconsin 53536

www.agrecol.com

**Tour:** 2:00 - 4:00 pm

Agrecol Corporation, founded in 1991, combines the best principles of production agriculture with the science of ecology to produce high quality native seed and plants. Historically, Agrecol was an agricultural research and development firm. In 1995, the company focused its attention and resources on the production of native plant species. Agrecol's native plant species are grown from remnant foundation collections gathered primarily in southeastern Wisconsin. Agrecol's ecological products and services include native seed and plants, design, installation and maintenance, consulting, erosion control and stormwater management.

#### **Product Lines**

Agrecol has added new and important product lines and services to its native offerings, taking its specialty erosion control and water management products and services to national and international markets.

#### **Native Species Propagation**

Agrecol has more than 200 native local ecotype species available to create diverse plant communities, meeting conservation, biodiversity and education goals. The Agrecol nursery consists of monocultures of each species in row crop or solid seeded stands.

#### Agrecol's focus includes:

- Nursery production, currently growing seed and live plants for prairie,
- woodlands, wetlands and savanna plant communities
- Installation of native seed and plants
- Environmental consulting and resource management services
- Restoration design, installation, and site monitoring and management

Agrecol is in business to protect, enhance and create native plant communities that provide perennial biodiversity and add value to our landscapes, while enhancing and protecting the environment in which we live.

#### **Presentation**

Room 212 Animal Sciences Building, 1675 Observatory Drive, Madison, Wisconsin

**Presentation:** 5:00 pm

• Don Erbach – ASABE president will present "Bioenergy Specialty Crops and More"

## **Dinner / ASABE Business Meeting / Tour**

Friedrick Center, 1950 Willow Drive, Madison, Wisconsin

Social time:	6:00 pm
Dinner:	6:30 pm
<b>Business Meeting:</b>	7:30 pm

### **Optional Tour of Ag Engineering Laboratory**

540 Elm Drive – Across from Animal Sciences Building

**Tour:** 8:00 pm

# Greetings

I would like to send out a "Greeting" to all current members and a "Welcome" to all new members that have joined our great organization within the past year. I encourage all members to be active within the organization and use the resources that are provided to further your development in your chosen career path. Check out the website http://www.asabe.org/, join us at one of our annual meetings, become an officer, serve as a committee member, network with other professionals, etc. The opportunities are endless within ASABE.

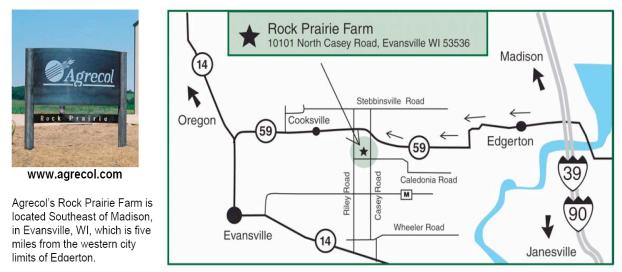
As fall is upon us, leaves are changing and crops are being harvested, a lot our Summer and Fall activities are winding down. Temperatures will soon be dropping and snow, along with the Holidays, are right around the corner. It is the time of year when you renew your membership and reflect upon the activities of the year. It is also a time when one can encourage other colleagues to become members and reap the benefits of being a member. Take advantage of all that is being offered and help us to grow our organization.

Again, a warm welcome and greetings to all members. Enjoy the holiday season and I look forward to seeing you at one of the many activities offered throughout the year. Respectfully submitted,

Vice-Chair Membership Damion Babler

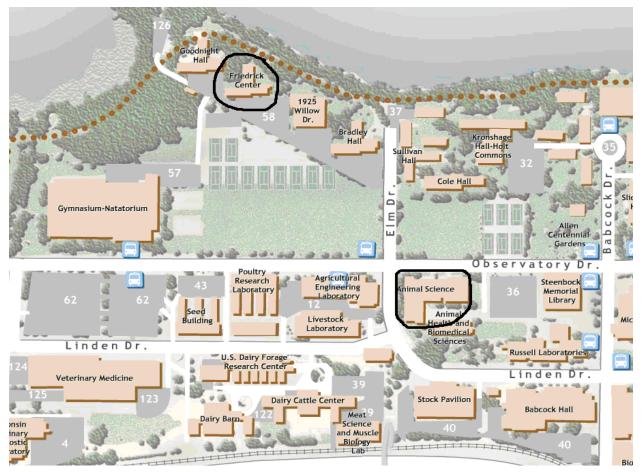
# Directions

# Agecol's Rock Prairie Farm:



**Driving Directions:** Take Interstate 90/39 South to Highway 59 West (between Janesville & Edgerton). Go West on Highway 59 to Casey Road. Casey Road is 5 miles west of Edgerton. Turn left on Casey Road and you will see Agrecol's Rock Prairie Farm on your right side.

# **UW Madison Campus Map:**



### **Parking Options on Campus:**

- 1. Lot 39, very close (within 500 feet) to lab and Animal Sciences: 1811 Linden Drive
- 2. Lot 58, very close to the Friedrick Center, 630 Elm Drive
- 3. Lot 62, very close (within 1000 feet to the west) to lab, 525 Easterday Drive (People need to enter this lot from the west end).

Please note there is free parking in all these lots after 4:30 pm.

### **Questionnaire - ASABE Wisconsin Section**

Please answer the following questions regarding section meetings and tours of various industry facilities in Wisconsin and Return it to Randy Clark by October 19<sup>th</sup>. Randy's contact information is contained at the end of this newsletter. The survey can be faxed, emailed, or mailed to the same location. It is also available online at Survey Link: http://www.zoomerang.com/survey.zgi?p=WEB226YSF4NS6Y

1. Are you willing to attend a Technical Tour sponsored by the Wisconsin Section of ASABE?

- O Yes
- O No

2. Which 2 days of the week are best for you to attend a tour and section meeting?

- O Monday
- O Tuesday
- O Wednesday
- O Thursday
- O Friday
- O Saturday

3. If you could choose a location for this meeting, where would it be?

- O South Central
- O South Eastern
- O South Western
- O Central
- O Northern
- O North Western
- O North Eastern

4. What time of day would you like this meeting and/or tour to occur? Check all that apply.

- O In the morning
- O In early afternoon
- O In late afternoon
- O In the evening
- 5. Which topics would you like to see covered?
  - O Structures
  - O Food Engineering
  - O Machinery
  - O Soil and Water
  - O Biological Engineering
  - O Systems Analysis
  - O Health and Safety
  - O Other

6. Please list specific topics within the area(s) you checked in the previous question.

\_\_\_\_\_

7. In total, how many meetings/tours do you think the Wisconsin Section should hold each year?

8. In which city of the state do you reside?

9. What company do you work for?\_\_\_\_\_

10. What type of tours would you like to attend? Please list possible sites.

11. How far would you travel to attend any event that you listed? (miles)

12. Would you be willing to host a technical tour at your place of work?

- O Yes
- O No

13. If you checked that are willing to host training or a technical tour please enter your contact information below so we may follow up with you.

Last Maine	
First Name	
Email Address	
Telephone Number	<u>()</u>

14. How many WI section meetings have you attended in the last 4 years?

15. Rank the factors below that influence your decision to attend a WI section tour and meeting? (scale 1 to 5 in importance, 5 being greatest importance, NA for not applicable)

\_\_\_\_\_ Subject matter

Travel distance

Employer's willingness to allow time to attend

\_\_\_\_\_ Work load / other commitments

\_\_\_\_ Cost

- \_\_\_\_ Other \_\_\_\_\_
- \_\_\_\_\_ Other \_\_\_\_\_
- \_\_\_\_ Other \_\_\_\_\_
- \_\_\_\_\_ Other \_\_\_\_\_

16. If you have not attended any section tours/meetings in the last 4 years, why not?

- O New member
- O Subject matter not of interest
- O Travel distance too far
- O Employer will not allow time to attend
- O Work load too heavy to take time
- O Other

Thank you for participating in our survey. Your input is vital in guiding our choices for future tours and section meetings.

Sincerely,

WI Section of ASABE

# Secretary's Report September 19, 2007 Wisconsin Section ASABE Meeting

The ASABE Wisconsin Section meeting was held September 19<sup>th</sup>, 2007 in conjunction with Wisconsin Farm Technology Days. The show was followed by a tour of Kuhn Knight Inc in Brodhead and a picnic with WALSAA at Larson Acres. No business meeting was held.

# **Treasurer's Report** 31 July 2007 – 08 October 2007

Opening Balance		\$82	\$8268.20	
Revenue:				
Date	From	Memo		Amount
_				Total: \$0
Expenses:				
Date	То	Memo	Check #	Amount
8/14/2007	Vondra Engraving	Career Achievement Award	555	\$145.06
				Total: \$145.06
Closi	ing Balance			\$8,123.14
Respectfully S	Submitted,			

Matt Digman Wisconsin Section ASABE Treasurer 2007-2008

# REGISTRATION WISCONSIN ASABE SECTION MEETING OCTOBER 24<sup>TH</sup>, 2007

	Number Attending	Cost	Total
Agrecol Tour – 2:00 pm			
Dinner – 6:30 pm		\$20.00/person Students free	\$
Dinner Information: Name(s):			
Address:			
City/Town:	Sta	te/Zip	
Telephone: (_	)FAX:		
e-mail:			

Return completed form by **October 19<sup>th</sup>** to:

#### **Randy Clark**

ASAE Wisconsin Section, Program Chair c/o RCI Engineering LLC W3195 Couty Road Y Lomira, WI 53048 Phone - (920) 583-3590 Fax - (920) 583-3596 Email – clark@rciengineering.com

### Newsletter Highlights

- Fall Meeting
- Schedule of Events
- Directions
- Secretary/Treasurer's Report

- Officer Ballot Complete & Send
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Secretary and Treasurer Matt Digman USDA-ARS (680) 890-1320

# WISCONSIN SECTION MEETING WEDNESDAY, SEPTEMBER 19<sup>th</sup> WISCONSIN FARM TECHNOLOGY DAYS

The ASAE Wisconsin Section meeting will be held on Wednesday, September 19<sup>th</sup>, in conjunction with Wisconsin Farm Technology Days. The show is being held this year in Green County near Albany – in South Central Wisconsin (see map). The show will run from September 18-20<sup>th</sup>, with gate hours being from 8:30am to 4:30pm.

Wisconsin Farm Technology Days is the state's largest outdoor agricultural show, with a history dating back to 1954. The annual three-day event showcases the latest improvements in production agriculture, including practical applications of recent research findings and technological developments. Plain View Stock Farm, the host of the event, is a cash grain and custom heifer-raising farm owned and operated by Keith and Teresa Blumer, along with their son Trent and wife Krishell who are the fourth generation to operate the family farm.

At 2:30pm, there will be a tour of the Kuhn Knight facility in Brodhead (see map) followed by a social time and picnic in conjunction with WALSAA. There will be brats, burgers, salads, soda, beer, milk, and dessert. This will be followed by a brief meeting to discuss any new business.

#### **Schedule of Events/Information**

#### Wisconsin Farm Technology Days:

Plain View Stock Farm, W1202 State Rd 59, Albany, Wisconsin www.greenfarmtech.com

Farm Show: 8:30am – 4:30pm Admission is \$5/adult - 12 and under are free. Parking is free.

Plain View Stock Farms operate 3,000 acres comprised of both owned and rented land, with primary cash crops including corn, soybeans and alfalfa. In April of 1996 the Blumers discontinued milking. In 2001 they built a new heifer raising facility to start a custom heifer raising operation. Currently, they are custom raising about 1400 heifers a year. In 1916 Great Grandfather, Vern Jones purchased the farm where Trent and Krishell's home is currently located, and where the popular "tent city" will be placed. Additional land was purchased in 1941. In 1945 Vern's son-in-law William Blumer, returned from WWII to begin his farming career. Keith and Teresa Blumer purchased the farm from William and Shirley Blumer in 1979. Today, three generations are active in the daily farm operations with Trent and Krishell's children representing the fifth generation to live on the family farm.

#### Kuhn Knight Inc. Factory Tour

1501 W. Seventh Ave., Brodhead, WI 53520

**Tour:** 2:30 pm (plan to be there by 2:15 pm)

Kuhn Knight, a company formed by the Kuhn Group through the 2002 acquisition of Knight Manufacturing, produces an extended line of farm equipment including TMR mixers, manure spreaders and hay tools. In an effort to keep up with increasing market demands, Kuhn Knight has added 141000 square feet of production space, a new parts department, showroom, and sales offices since the acquisition. Along with the updates to the facilities, a new larger laser and plasma, additional machining, forming and tool room equipment, and an expanded paint system have been added. Kuhn Knight is also currently engaged in a company-wide effort to reduce waste called "lean manufacturing." This effort has the goals of providing quicker delivery, higher quality and cost competitive products by empowering employees to make changes and improvements. The visit will include a presentation of the history of Kuhn and Kuhn Knight and a tour of the facility.

### WALSAA Picnic / ASABE Business Meeting

Larson Acres, 18218 W. State Rd 59, Evansville, WI 53536

**Social time/Dinner:** 4:00 – 5:30 pm (Tour group will arrive at approx. 4:30 pm) **Business Meeting:** 5:30 pm

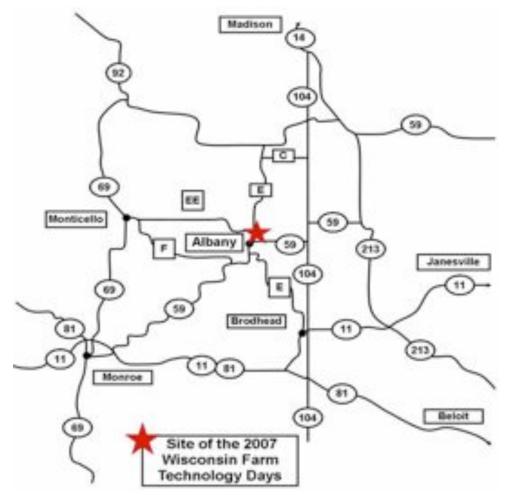
Adjourn

### **Directions to Wisconsin Farm Technology Days**

<u>From the North (Madison)</u>: Go south on Hwy. 14. Turn right (west) on Hwy. 92 toward Brooklyn. Turn left (south) on Hwy. 104. Turn right (west) on Hwy. 59 toward Albany.

<u>From the East (Janesville)</u>: Take Hwy. 11 west. Continue west on Cty. Rd. B to State Hwy. 104. Turn right (north) onto Hwy. 104. Turn left (west) on Hwy. 59 toward Albany.

<u>From the West (Dubuque, IA):</u> Take the WI-35/Hwy. 11 East ramp toward Janesville. State Hwy. 35 becomes Hwy. 11; continue toward Monroe. At Monroe, take the Hwy. 59 exit toward Albany. Continue through Albany on Hwy. 59.



# Secretary's Report March 28, 2007 Wisconsin Section ASABE Meeting

The spring meeting of the ASABE Wisconsin Section was held March 28<sup>th</sup>, 2007 at LaSure's Hall in conjunction with the Wisconsin Public Service Farm Show in Oshkosh, WI. Eric Cooley, Outreach Specialist /Eastern WI Research Coordinator with the UW Discovery Farms gave a presentation entitled "Discovery Farms – What have we learned? What's Next?" as part of the section meeting.

1) The meeting was called to order 6:45 PM by Chairman Bob Loehr. Students and guests were introduced.

2) The opening and closing balance was read and a call for an approval of the Treasurer's Report as printed in the March Newsletter. The motion was made and seconded.

3) A call was made to approve the Secretary's Report as written in the newsletter. The motion was made and seconded.

4) The "Student Funds Request Form" was presented and approved. The student branches should use this form for requesting funds.

5) Awards were presented as follows:

Grad Student of the Year: Garritt Cody Boettcher

Undergrad Student of the Year: Kody Louis Habeck

Ag Mech Student of the Year: Jackson Russell King

Career Achievement Award: George Cicci, Kuhn Knight, Inc

Wayne G. Russell Award: John Miller, Miller-St. Nazinaz, Inc

6) The meeting was adjourned at 7:40 PM.



Award winners: Garritt Boettcher, George Cicci, Kody Habeck, and John Miller

# Treasurer's Report 28 February 2007 – 31 July 2007

# **Opening Balance**

# \$7436.51

### **Revenue:**

Date	From	Memo	Amount
3/19/2007	National Dues		\$1170.00
4/6/2007	Meeting Dues		\$600.00

#### Total: \$1770.00

## **Expenses:**

Date	То	Memo	Check #	Amount
4/3/2007	Kody Habeck	Student Award	0549	\$150.00
4/18/2007	Garritt Boettcher	Student Award	0550	\$150.00
4/3/2007	LaSure's Hall	Award Banquet	553	\$638.31

#### Total: \$983.31

# **Closing Balance**

#### \$8268.20

Respectfully Submitted, Matt Digman Wisconsin Section ASABE Treasurer 2007-2008

# REGISTRATION WISCONSIN FARM TECHNOLOGY DAYS SEPTEMBER 19<sup>th</sup>, 2007

_	Number Attending	Cost	Total
Kuhn Knight Tour – 2:30 pm			
Dinner – 4:30 pm		\$10.00/person students free	\$

#### Tour Information:

Kuhn Knight has asked that all tour attendees be registered by the date listed below and that everyone be asked not to take photos during their visit. When registering, <u>each person</u> planning on attending the tour must provide the following information (No walkups will be allowed on the tour):

Name:	
Company:	
Title/Position:	
Dinner Information:	
Name(s):	
Address:	
City/Town:	State/Zip
Telephone:	()FAX: ()
e-mail:	

Return completed form by September 12<sup>th</sup> to:

#### **Randy Clark**

ASAE Wisconsin Section, Program Chair c/o RCI Engineering LLC W3195 Couty Road Y Lomira, WI 53048 Phone - (920) 583-3590 Fax - (920) 583-3596 Email – clark@rciengineering.com

#### Newsletter Highlights

- Spring Meeting
- Schedule of Events
- Directions
- Secretary/Treasurer's Report

- Officer Ballot Complete & Send
- Student Funding Form Proposal
- Meeting Registration Complete & Send

# ASABE WISCONSIN SECTION

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# **March 2007**

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Vice Chair Awards Matt Digman USDA-ARS (608) 890-0051

Vice Chair Membership Damion Babler Kuhn Knight, Inc (608) 897-2131

Vice Chair Public Relations Bill Bassett Kuhn Knight, Inc (608) 897-2131

Vice Chair Career Development Dan Pederson Jack Walters and Sons Corp. (414) 629-5521

Secretary and Treasurer KG Karthikeyan UW-Madison (608) 262-9367

# WISCONSIN SECTION MEETING WEDNESDAY, MARCH 28<sup>TH</sup> WISCONSIN PUBLIC SERVICE **FARM SHOW**

The ASABE Wisconsin Section meeting will be held on Wednesday, March 28<sup>th</sup> in conjunction with the Wisconsin **Public Service Farm Show.** 

The Farm Show runs from March 27 to the 29<sup>th</sup> and will be held at the EAA (Experimental Aviation Association) grounds in Oshkosh. The show will have more than 350 vendors covering over 700 booths. The show is expected to draw visitors from throughout the Midwest to see the latest in Agriculture Technologies.

Following the show, we will be having dinner at 5:30 at LaSure's Hall. Pork Tenderloin, Chicken Alfredo, baby red potatoes, fettuccine noodles, green beans amandine, salad and fresh backed rolls will be served. Following dinner, Eric Cooley, Outreach Specialist with the **Discovery Farms Project, and Fred Madison, Co-Director** of the Discovery Farms Project, will present on what has been learned by the Discovery Farms Project since its inception in 2000. This will be followed by a meeting to discuss any new section business and present awards.



The Society for engineering in agricultural, food, and biological systems

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#### **Schedule of Events**

### Wisconsin Public Service Farm Show:

EAA Grounds, Oshkosh, WI 54901 www.wisconsinpublicservice.com/farm/farmshow.asp

> Farm Show: 9:00am – 4:00pm Tuesday/Wednesday 9:00am – 3:00pm Thursday

#### Admission is free. Parking costs \$2/vehicle

#### **ASABE Dinner / Presentation / Meeting**

LaSure's Hall, 3125 S. Washburn St. Oshkosh, WI 920-651-0796

Social time:	5:00 pm (cash bar)		
Dinner:	5:30 pm		
Program Speaker:	6:00 pm		
Eric Cooley, Outreach Specialist, Discovery Farms Project			
Fred Madison, Co-Director, Discovery Farms Project			
Topic: "Discovery Farms – What have we learned? What's next?"			

The Discovery Farms project was established in 2000 to study the impacts of production agriculture on the environment, while learning the economic and environmental impacts of adopting Best Management Practices on a diverse group of Wisconsin farms. This systems research is developing a better understanding of the relationships between different enterprises (agronomy, livestock, equipment, economics, etc.) and practices on a farm operation.

Eric Cooley is an Outreach Specialist with Discovery Farms focusing on natural resource issues in Eastern Wisconsin, in particular, surface runoff and tile line drainage. He will tell us about what the Discovery project has learned. Previous to joining the Discovery Farms in 2004, Eric worked for the Door County Soil and Water Conservation Department where he specialized in nutrient management planning.

Fred Madison is Co-Director of the Discovery Farms Project and is a Professor in the Dept. of Soil Science and the Wisconsin Geological and Natural History Survey. Dr. Madison's research and extension work involves looking at the degradation of groundwater by contaminants resulting from land use activities and has been concentrating on the impacts of animal waste and its management on surface and ground water. Much of his work is interdisciplinary working with other university departments, state and federal agencies and local governments.

**Business Meeting/Awards** 6:45 pm – 7:40 pm (approx)

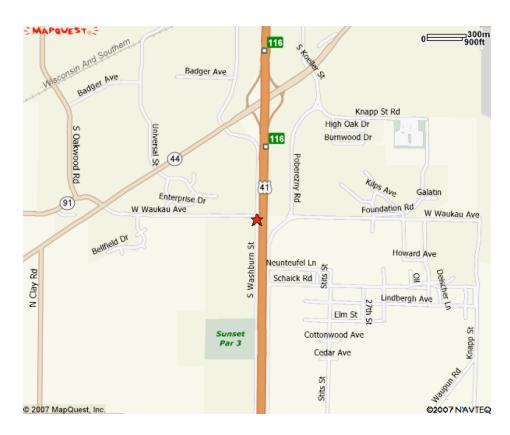
#### Adjourn

# **Directions to LaSure Hall**

**From Milwaukee:** Highway 41 north to Highway 44 in Oshkosh. Turn left on 44. Turn left on the west frontage road (Washburn St.) and travel 3/4 of a mile to the Hawthorn Inn & Suites Motel & La Sure's Hall, Banquets & Catering.

**From Green Bay & Appleton:** Highway 41 south to Highway 44 in Oshkosh. Turn right on 44. Turn left on the west frontage road (Washburn St.) travel 3/4 of a mile to the Hawthorn Inn & Suites Motel & La Sure's Hall, Banquets & Catering.

**From Madison:** Highway 151 north to Highway 26. Follow Highway 26 to Highway 41. Turn left on the west frontage road (Washburn St) and travel 3 miles to the Hawthorne Inn & Suites & La Sure's Hall, Banquets & Catering.



# Secretary's Report February 21, 2007 Wisconsin Section ASABE Meeting

The winter meeting of the ASABE Wisconsin Section was to be held on February 21, 2007 at the UW Hancock Agricultural Research Station. Due to a very low expected turnout, this meeting was cancelled.

#### **Treasurer's Report** December 20 thru February 28, 2007

#### – December 20, 2006 **Opening Balance** \$7036.51

Date	From	Memo		Amount
				Total: \$0
Expenses	:			
Date	То	Memo	Check #	Amount
				Total: \$0
Closing	Balance	– February 28, 2007	\$7036.51	

# **Closing Balance**

# WI Section ASABE Budget

Below is the 2006 budget compared to the year-to-date tracking for each of the categories listed.

Category	2006 Budget	2006 YTD
Awards	\$600.00	\$625.34
Misc	\$50.00	\$0.00
National Dues	\$1,950.00	\$1971.00
Officer Meeting	\$150.00	\$112.83
Section Meeting Dues	\$2,500.00	\$2413.00
Section Meeting Exp	\$2,500.00	\$2901.16
Speaker Gift Certificate	\$150.00	\$60.00
Student Support	\$650.00	\$400.00
<b>Total Revenue</b>	\$4,450.00	\$4,384.00
<b>Total Expenses</b>	\$4,100.00	\$4,099.33
Account Gain / Loss	\$350.00	\$284.67

Respectfully Submitted, K.G. Karthikeyan Wisconsin Section ASABE Treasurer 2006-2007

# **2007 ASABE Nominations for WI Section Officers**

Vice Chair-Program (Chair Elect) (vote for one)	Randy Clark
Career Development Committee (vote for three)	Jeff Marggi (Chair)Nathan RyanJohn Panuska
Secretary/Treasurer (vote for one)	Matt Digman
Vice Chair-Awards (vote for one)	Bob Satori
Vice Chair-Membership (vote for one)	Damion Babler
Vice Chair-Public Relations (vote for one)	Bill Bassett
Nomination Committee (vote for two)	Kevin Klubertanz Daryl Jaeger

Please fill out this ballot and return by Friday March 23<sup>rd</sup>, by email or to the address below. Officers will be announced at the Section Meeting on Wednesday, March 28<sup>th</sup>.

#### Scott Sanford

ASAE Wisconsin Section, Program Chair c/o Biological Systems Engineering UW-Madison 460 Henry Mall Madison, WI 53706 Phone - (608) 262-5062 Fax - (608) 262-1228 Email – sasanford@wisc.edu

# **Student Funding Request Proposals**

Attached are draft application forms for a new student requisition fund request. Please review them and forward any corrections, additions, or concerns to Bob Loehr at <u>loehrrobertj@johndeere.com</u> prior to the section meeting. The goal of the officer group will be to make a motion to approve the forms at this meeting.

# Wisconsin Section ASABE College Fund Request Application Form - <u>DRAFT</u>

The ASABE Wisconsin Section has enjoyed helping cultivate student interest in the engineering profession in a wide variety of ways. One of the primary ways to provide support to the students is to make funds available when students want to be involved in extra seminars, technical sessions, tours, etc. related to their profession.

At the beginning of each school year starting 1September and ending 31August, the ASABE officers would like each UW college student group to submit an annual request application. This annual application will serve to request the sum total of funds for all anticipated student activities for the entire school year. This request will then be used by the ASABE Officer group to determine the breakdown of student cost sharing by school and activity. This request will also help set our budgets for the upcoming year of events.

Events and student interest may change course as the year progresses, but this will serve as our budget cap and distribution template for the school calendar year. This will also encourage the student groups to make good plans at early stages. If approved, ASABE will provide the dollar amount we agree to(or more) unless there is no participation in the listed activity. Intent of the requested funds is to complement funds raised by the student body or individual student contribution. Applications will be evaluated against other student support requests based on the need and following priority: (1) technical conferences, (2) ASABE annual meeting, and (3) recreational trips / tours.

#### Student Section Branch (Madison, Platteville, River Falls):

**Date and Name of Events:** 

Number of Student Attendees(each event):

**Brief Description of Event:** 

**Total Expected Expenditure (\$):** 

**Requested ASABE Support (\$):** 

#### **Brief Description of Support Use (Hotel, Travel, Etc):**

#### **Other Comments:**

When complete, submit to current ASABE treasurer via email, fax or mail. If you have additional attachments, please send them along with this form.

## Wisconsin Section ASABE Student Fund Request Application Form -<u>DRAFT</u>

**Instructions:** Please fill out all information below and submit to the WI Section ASABE Treasurer for review. Please provide name and address of person to send check. Check will typically be sent to student body treasurer, made out to student branch.

**Timeframe:** Applications for student support may be submitted between the period of two months prior and one month following the specified event. If funds have been allocated with College Fund Request, checks will be distributed once student confirms participation in event. If funds are required in advance, please note this in this application.

#### **Application Information:**

Student Section Branch (Madison, Platteville, River Falls):

**Date of Events:** 

Names of Student Attendees:

**Brief Description of Event:** 

**Total Expected Expenditure (\$):** 

**Requested ASABE Support (\$):** 

**Brief Description of Support Use (Hotel, Travel, Etc):** 

**Additional Comments:** 

When complete, submit to current ASABE treasurer via email, fax or mail.

March 2007

# REGISTRATION WISCONSIN PUBLIC SERVICE FARM SHOW March 28<sup>th</sup>, 2007

	Number Attending	Cost	Total
Dinner – 5:30 pm		\$20.00/person	\$
(Vegetarian meal available upon request		students free	
<ul> <li>please indicate on registration)</li> </ul>			

Name(s):	
Address:	
City/Town:	State/Zip
Telephone:	()FAX: ()
e-mail:	

Return completed form by **March 21<sup>st</sup>** to:

#### Scott Sanford

ASAE Wisconsin Section, Program Chair c/o Biological Systems Engineering UW-Madison 460 Henry Mall Madison, WI 53706 Phone - (608) 262-5062 Fax - (608) 262-1228 Email – sasanford@wisc.edu

### Newsletter Highlights

- Winter Meeting Info
- Schedule of Events
- Secretary/Treasurer's Report

- ASABE as a Resource
- Call for Section Award Nominations
- Meeting Registration-Complete & Send

# ASABE WISCONSIN SECTION

The Newsletter of the Wisconsin Section of the American Society of Agricultural Engineers

# January 2007

2006-2007 Editor: Bill Bassett email: bill.bassett@kuhnknight.com

www.asabe.org

The Society for engineering

in agricultural, food, and

biological systems

# Published Three Times Per Year

#### ASAE WI Section 2006-2007

Chair Bob Loehr John Deere Horicon Works (920) 485-5365

**2005-2006 Past Chair** Pat Pritzl Modine (262) 636-1079

Vice Chair Program (Chair-Elect) Scott Sanford UW-Madison (608) 262-5062

Vice Chair Awards Matt Digman USDA-ARS (608) 890-0051

Vice Chair Membership Damion Babler Kuhn Knight, Inc (608) 897-2131

Vice Chair Public Relations Bill Bassett Kuhn Knight, Inc (608) 897-2131

Vice Chair Career Development Dan Pederson Jack Walters and Sons Corp. (414) 629-5521

Secretary and Treasurer KG Karthikeyan UW-Madison (608) 262-9367

# WISCONSIN SECTION MEETING WEDNESDAY, FEBRUARY 21<sup>st</sup> UW HANCOCK AGRICULTURE RESEARCH STATION

The ASABE Wisconsin Section meeting will be held on Wednesday, February 21<sup>st</sup>. We will be touring the Potato Storage Research Facility at the Hancock Agricultural Research Station.

The UW Hancock Agricultural Research Station is located in the central sands region of central Wisconsin and consists of about 300 acres of sandy soils. The station is primarily used for irrigated vegetable crop research in sandy soils. One of the major research crops is potatoes. In 2006 a potato storage research facility was constructed at the station by the Wisconsin Potato and Vegetable Growers Association to support research on potato and vegetable storage issues. Chuck Kostichka, station superintendent, will lead us on a tour of how this facility came to be and what we hope to learn, along with some history and the mission of the Hancock Ag Research station. Ever wondered how you can get fresh potatoes in May or June, this tour will answer the question.

Following the tour, we will be having dinner at 5:30 at the Silvercryst resort. This historic resort was established in 1894 and sets on Silver Lake nestled in a pine grove. At 6:00, Ken Williams, UW-Waushara County Agricultural Extension Agent, will discuss Wisconsin's Vegetable Basket – Past, Present, and Future. This will be followed by a brief meeting to discuss any new business.

#### Schedule of Events

#### UW Hancock Agricultural Station Tour: 2:30 – 4:30 pm N3909 County Road V, Hancock, WI 715-249-5961

Directions: From I-39 / 51, exit 131, Hancock, head West (left turn if exiting northbound I-39), turn left / South on County Road V (first intersection past I-39 overpass), Station will be about 1 mile on right.

#### **ASABE Dinner / Presentation / Meeting**

Silvercryst, W7015 Hwy 21 East, Wautoma, WI 1-800-358-9663 3 miles east of Wautoma on Hwy 21 - look for Black Angus

Direction from HARS: Turn Right on V (south), Turn left on C - 13 miles, Turn right on WI-73 (WI-73 merges with WI-21 in Wautoma) – 3 miles, stay on WI-21, Silvercryst 1 mile past intersection of WI-73 & WI-21.

Directions from I-39 @ Coloma: WI-21 east - 13.5 miles, left on WI-21/WI-22 in Wautoma –  $\frac{1}{2}$  mile, Right on WI-21 / WI-22 / WI-73 – 3.5 miles to Silvercryst.

Social time:4:45 pm (cash bar)Dinner:5:30 pmProgram Speakers:6:00 pmKen Williams, UW-Waushara Co Agricultural Extension Agent<br/>Topic: Wisconsin's Vegetable Basket – Past, Present, and Future

**Business Meeting** 

Adjourn

# Secretary's Report October 4, 2006 Wisconsin Section ASABE Meeting

The fall meeting of the ASABE Wisconsin Section was held on Oct. 4, 2006 at the Alliant Energy Center in Madison, WI in conjunction with the World Dairy Expo Show. Ms. Leanne Ketterhagen, Manager of Communications & Marketing for the Wisconsin Livestock Identification Consortium gave a presentation titled "Premise ID and Individual Animal ID" as part of the Section meeting. Following this presentation, there was a roundtable discussion on "How Will Individual ID Requirements Affect Current Information Systems Used In the Dairy Industry" chaired by Dr. David Reid (Director of Milk Harvest, Science and Technology, Bou-Matic LLC) and Kyle Knoff (R&D Team Leader, Electronics and Controls, WestfaliaSurge).

- 1. The meeting was called to order at 7:25 PM by Bob Loehr. Students and guests were introduced. There was a special appreciation for Scott Sanford for his role in planning the program for the fall meeting and recognition for Paul Thompson for organizing a tour of the Bou-matic facility in Madison.
- 2. The opening and closing balance was read and a call for an approval of the Treasurer's Report as printed in the newsletter. The motion was made and seconded.
- 3. A call was made to approve the Secretary's Report as written in the newsletter. The motion was made and seconded.
- 4. Old Business: Bob mentioned that the "Student Funds Request Form" will be sent to the students to obtain feedback and the final version will be included in the January 2007 newsletter.
- 5. New Business: Bob indicated receiving a check for \$380 towards section dues from the National chapter. Ideas were discussed for the spring 2007 meeting including visiting a Discovery Farm. Other tour suggestions would be welcome as well.
- 6. The meeting was adjourned at 7:35 pm.

Total: \$1020

# Treasurer's Report August 11 thru December 20, 2006

# **Opening Balance – August 11, 2006 \$6,878.64**

#### **Revenue:**

Date	From	Memo	Amount
Oct-4	July Section M	eeting Dues	\$640.00
Oct 4	National Section	on Reimbursement (Section dues rebate)	\$380.00

#### **Expenses:**

Date	То	Memo	Check #	Amount
Oct-4	The Coliseum Bar	Section Meeting Dinner	548	\$422.13
Oct-4	The Coliseum Bar	Section Meeting Dinner	Cash	\$380.00
Oct-4	Bob Loehr	Gift Cards for Speakers	547	\$60.00
				Total: \$862.13

# **Closing Balance – December 20, 2006**

# \$7036.51

# WI Section ASABE Budget

Below is the 2006 budget compared to the year-to-date tracking for each of the categories listed.

Category	2006 Budget	2006 YTD
Awards	\$600.00	\$625.34
Misc	\$50.00	\$0.00
National Dues	\$1,950.00	\$1971.00
Officer Meeting	\$150.00	\$112.83
Section Meeting Dues	\$2,500.00	\$2413.00
Section Meeting Exp	\$2,500.00	\$2901.16
Speaker Gift Certificate	\$150.00	\$60.00
Student Support	\$650.00	\$400.00
<b>Total Revenue</b>	\$4,450.00	\$4,384.00
<b>Total Expenses</b>	\$4,100.00	\$4,099.33
Account Gain / Loss	\$350.00	\$284.67

Respectfully Submitted, K.G. Karthikeyan Wisconsin Section ASABE Treasurer 2006-2007

#### What Resources Do You Have?

It has been said, time and time again, that the only thing that remains constant is change. In these ever changing times that we live in, we need to be flexible, and be able to adapt to the situations that present themselves in our everyday lives. Some of these situations are going to be very easy to get thru, while others will challenge us, forcing one to make choices. How do we best position ourselves to react to the circumstances, or if you're a company, to the market? A lot of opportunity lies in the resources that are available and how you use them.

One such resource is the American Society of Agricultural and Biological Engineers(ASABE). ASABE is an educational and scientific organization committed to the advancement of engineering in agricultural, food, and biological systems. The group has a mission of facilitating the exchange of technical information and promoting the science and art of engineering in the aforementioned areas. The Wisconsin section of ASABE is made up of members from all parts of industry. Being a member of such an organization, gives one many opportunities. For example, networking with many of these individuals. Individuals who may at some point in your career be a colleague or hold the key to solving a situation. You can also become involved in one of the many committees, who are writing new standards for industry as technology is ever progressing. You have full access to the organizations website, which has many resources on it - Member Services, the Career Center, Standards, Journals and other publications, Awards, Forums, etc. I have only briefly touched on a few of the many things the ASABE has to offers its members. All of these are resources that can be used for your continual development as an engineer and your advancement in the field.

Respectfully submitted by,

Damion Babler Vice Chair Membership ASABE Wisconsin Section

# "Call for Section Award Nominations" Contact: Matthew Digman

Each year the Wisconsin Section of the ASABE recognizes outstanding achievement during award presentations at its spring meeting. Wisconsin Section awards scheduled to be given in 2007 include the Career Achievement Award, the Agricultural Engineering Student Of The Year, the Agricultural Mechanization/Engineering Technology Student Of The Year, the Agricultural Engineering Graduate Student Of The Year, and the Wayne G. Russell Award.

Although deadline for nomination of these awards is **February 16<sup>th</sup>**, now is the time to begin submitting nominations. Please realize that without your recommendations and assistance, those most deserving of our awards may go unrecognized.

The purpose, eligibility and nomination procedures for each award follow. All nominations/suggestions should be forwarded to **Matthew Digman**, this year's Vice Chair of Awards.

Matthew Digman U.S. Dairy Forage Research Center USDA-ARS 1925 Linden Drive West Madison, WI 53706 Phone: 608/890-1320 Fax: 608/890-0076 digman@wisc.edu

# WISCONSIN SECTION OF ASABE Agricultural Engineering Career Achievement Award

**Purpose:** To honor a Wisconsin Section member who has made outstanding contributions to Agricultural Engineering through work in research, education, design, and/or extension. Selection will be based on the candidates lifetime accomplishments as an engineer.

**Eligibility:** The recipient must be a member of the Wisconsin Section of the ASABE in good standing. The award is intended for an individual approaching the twilight of their career or an individual who has recently retired.

**Nomination Procedures:** Nominations can be made by an individual (member or nonmember), group, company, or organization. Suggested data and areas of activity to be considered in preparing a nomination include:

- 1. Candidate's name, address and phone number.
- 2. Employment history including titles and duties.

3. Activities in ASABE. Offices held, committee activity, special awards, special duties, Section activities, etc.

4. Activities and membership in other professional and scientific societies or organizations.

Membership, offices held, committee activities, special awards, special assignments, etc.

- 5. International professional activities.
- 6. Registration as a professional engineer.

7. Accomplishments. Patents held, research development, methods and procedures developed, responsibilities in the development of equipment, structural systems, conservation methods, food processes, etc.

8. Publications, lectures, addresses, professional and scientific papers, books, bulletins, industrial publications and magazine articles.

9. Other desirable qualifications not included in the above suggestions.

A cover letter from the nominator, not to exceed 400 words, should be added to the above information summarizing the reasons for the nomination.

### WISCONSIN SECTION OF ASABE Agricultural Engineering Student of the Year

**Purpose:** To honor an undergraduate Agricultural Engineering student for achievement in preparation for a career in the profession.

**Eligibility:** The recipient must be enrolled in an Agricultural Engineering program, must be a member of an authorized ASABE Student Branch, a national member (student or otherwise) of the ASABE, and must be making satisfactory progress toward a Bachelor's degree (as determined by the Student Branch faculty advisor). Students who have graduated prior to January 1st of the year in which the award is to be made are not eligible.

**Nomination Procedures:** To be considered for this award, the candidate must submit a maximum of a one page typewritten summary describing the following:

- 1. ASABE Student Branch activities,
- 2. Campus wide activities and community service,
- 3. Scholastic achievement, and
- 4. Career goals.

The four areas within the summary will be equally weighted by the selection committee.

### WISCONSIN SECTION OF ASABE Agricultural Mechanization/Engineering Student of the Year

**Purpose:** To honor an undergraduate student enrolled in an Agricultural Engineering Technology, Agricultural Mechanization, or Agricultural Mechanization and Management program for achievement in preparation for a career in the profession.

**Eligibility:** The recipient must be enrolled in an Agricultural Engineering Technology, Agricultural Mechanization, or Agricultural Mechanization and Management program, must be a member of an authorized ASABE Student Branch, a national member (student or otherwise) of the ASABE, and must be making satisfactory progress toward a Bachelor's degree (as determined by the Student Branch faculty advisor). Students who have graduated prior to January 1st of the year in which the award is to be made are not eligible.

**Nomination Procedures:** To be considered for this award, the candidate must submit a maximum of a one page typewritten summary describing the following:

- 1. ASABE Student Branch activities,
- 2. Campus wide activities and community service,
- 3. Scholastic achievement, and
- 4. Career goals.

The four areas within the summary will be equally weighted by the selection committee.

### WISCONSIN SECTION OF ASABE Agricultural Engineering Graduate Student of the Year

**Purpose:** To recognize an Agricultural Engineering graduate student for singular achievement in developing and/or advancing the technology of engineering for food and agriculture.

**Eligibility:** The recipient must be a national ASABE member (student or otherwise) and must be making satisfactory progress toward a Masters or Ph.D. degree, or have recently completed said degree requirements. Students who have graduated prior to July 1 of the year previous to the year in which the award is to be made are not eligible.

Nomination Procedures: To be considered for this award, candidates must submit a two page type written summary.

The first page should contain the following data:

- 1. Candidate's Name, Address, and Current Position,
- 2. (10%) Professional Activities (summary of candidates involvement in ASABE and other professional activities at a local, state, national, and/or international level),
- 3. (15%) Scholastic Achievement,
- 4. (10%) Publications and Presentations (list of lectures, addresses, professional and scientific papers, bulletins, magazine articles, etc.), and
- 5. (5%) Career Goals.

The second page, entitled "Research Description" should contain:

- 1. (10%) The Nature of the Problem (an introduction to the research and description of the problem(s) to be solved)
- 2. (25%) Solution Procedures (a description of: experimental procedures, methods used, and/or approaches taken to solve the problem(s))
- 3. (25%) Research Conclusions and Significance of the Results.

Pages 1 and 2 of the written summary will be weighted by the selection committee according to the percentages given in the parentheses.

# Wisconsin Section of ASABE WAYNE G. RUSSELL AWARD

**Purpose:** To recognize an individual or organization demonstrating exceptional commitment to helping the Wisconsin agriculture industry adopt new electric technology, farmstead mechanization and farm equipment. The award is named after the late Wayne G. Russell, former Rural Promotion Manager for Wisconsin Power & Light, who formulated the idea for the Electric Power and Equipment Farm Show in the late 1950's. Through Mr. Russell's efforts, the show has grown to become one of the most successful indoor farm equipment shows in the country. The award is co-sponsored by Wisconsin Power & Light and the Midwest Farm Equipment Association.

Eligibility: There are no specific eligibility requirements.

**Nomination Procedures:** Nominations can be made by an individual (ASABE member or nonmember), group, company, or organization. All nominations should be accompanied by a type written summary (maximum length of two pages) describing the candidates major contributions to Wisconsin's agricultural industry.

# REGISTRATION UW HANCOCK AGRICULTURE RESEARCH STATION FEBRUARY 21<sup>st</sup>, 2007

	Number Attending	Cost	Total
UW Hancock Tour		Free	
Dinner – 5:30pm (Select chicken/ribs or vegetarian me	eal)	\$20.00/person students free	
Chicken/Ribs			
Vegetarian			
		TOTAL	\$
Name(s):			
Address:			
City/Town:	Sta	te/Zip	
Telephone:	)FAX	:()	
e-mail:			

Return completed form by February  $15^{th}$  to:

#### Scott Sanford

ASAE Wisconsin Section, Program Chair c/o Biological Systems Engineering UW-Madison 460 Henry Mall Madison, WI 53706 Phone - (608) 262-5062 Fax - (608) 262-1228 Email – sasanford@wisc.edu