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ASABE WISCONSIN SECTION



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

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2005-2006 Editor: Damion Babler
email:

damion.babler@kuhnknight.com

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ASABE WI Section 2005-2006

Chair

Pat Pritzl
Modine
(262) 636-1079

2004-2005 Past Chair

Dave Kammel
University of Wisconsin-Madison
(608) 262-9776

Vice Chair Program (Chair-Elect)

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(920) 485-5365

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Vice Chair Career Development

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(920) 387-0192

Secretary and Treasurer

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Weasler Engineering, Inc
(262) 338-2161

WISCONSIN SECTION MEETING THURSDAY, JANUARY 12TH MILLER-ST. NAZIANZ, INC & MANITOWOC CRANE

The ASABE Wisconsin Section meeting will be held on Thursday, January 12th. We will be touring Miller-St. Nazianz, Inc. and the Manitowoc Crane facility.

Miller-St. Nazianz started its business back in 1899 when John Miller I opened his store in the farming community of St. Nazianz, Wisconsin. Today, Miller-St. Nazianz, Inc. has numerous product lines, worldwide markets and a modern, expanding manufacturing center.

Manitowoc Crane dates back to 1925, when the company built its first lattice boom crawler crane in the company's trademark red color. Today, they produce lift cranes, duty-cycle crawler cranes, and wheeled cranes. Manitowoc cranes are known for their rugged design and durability. It is not uncommon to see cranes that have been in service 30 to 40 years, bearing the Manitowoc logo.

Join us in touring Miller-St. Nazianz & the Manitowoc Crane facility on January 12th.



Miller-St. Nazianz dates back to 1899 when John Miller opened “Miller Hardware and Roofing”. He entered into the farm equipment business in 1907, signing a contract with Deering Equipment. Since then, the company has grown, being passed down from generation to generation. It was in the 1980’s that the Miller Pro brand was created, and a line of hay and forage equipment was brought into production. This line has grown to include Forage Boxes, Forage Blowers, Crop Sprayers, Windrow Mergers, Dump Boxes, Rotary Rakes, and Running Gears.

With its numerous product lines, worldwide markets, and a modern, expanding manufacturing center, Miller-St. Nazianz has achieved such success through serving the agricultural community.

Dealers enjoy doing business with Miller. They and their customers are treated to unequalled customer service. The company is family owned, strong and stable. And with its latest acquisition of Ag Bag in 2004, they look forward to their continued success in the agricultural markets.

For further information on Miller-St. Nazianz crane, visit <http://www.millerprofarm.com/>



Manitowoc was founded in the lakeshore community of Manitowoc, Wisconsin, in 1902 as a shipbuilding and ship-repair organization. Since that time, the company has grown and diversified, entering the lattice-boom crane business in the mid-1920’s and branching into commercial refrigeration equipment shortly after World War II. Today, the company is comprised of three segments – cranes, foodservice equipment, and marine. In each of these segments Manitowoc is the industry leader in market share, product innovation, and product support services

Manitowoc Crane Group has two of its largest manufacturing facilities in the US. The first being the Shady Grove plant in Pennsylvania, where mobile cranes and boom trucks are built. The second is the Manitowoc manufacturing facility in Wisconsin, which manufactures both crawler crane and tower crane parts. The heritage of Manitowoc Cranes dates to 1925, when the company built its first lattice boom crawler cranes at its facility in Manitowoc, Wis., USA. Since that time, the very name ‘Manitowoc’ has come to symbolize crawler cranes, and the company’s trademark red machines can be found in every corner of the globe. Manitowoc has become the industry leader in innovation, sales, performance and support.

For further information on Manitowoc crane, visit <http://www.manitowoccrane.com>

Schedule of Events

Miller-St. Nazianz, Inc., 511 E. Main Street, St. Nazianz, WI 54232

Factory Tour #1: 1:00-2:30pm

Travel Time: 2:30-3:00pm

Manitowoc Crane Group, 2401 S. 30th Street, Manitowoc, WI 54220
(welcome to join this tour, even if you don't make factory tour #1)

Factory Tour #2 & Discussion: 3:00-4:30pm

Holiday Inn - Manitowoc, 4601 Calumet Ave., Manitowoc, WI 54220

Social time: 4:45-5:30pm

Dinner: 5:30-6:15pm

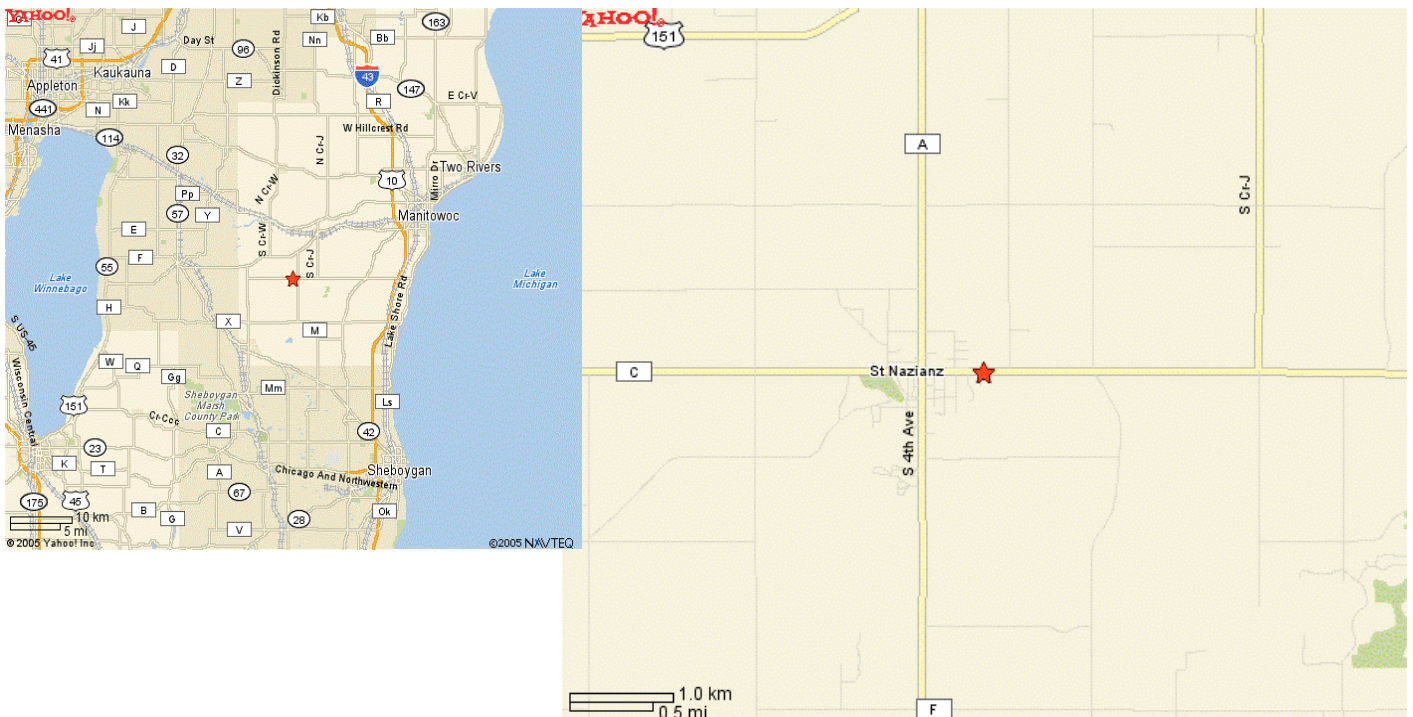
Chicken Cordon bleu, salad, potato, vegetable, dinner roll, dessert bar

Business Meeting: 6:15 - 6:30pm

Program Speaker: 6:30 – 7:15pm
Manitowoc Crane

Adjourn

Miller-St. Nazianz
511 E. Main St., St. Nazianz, WI



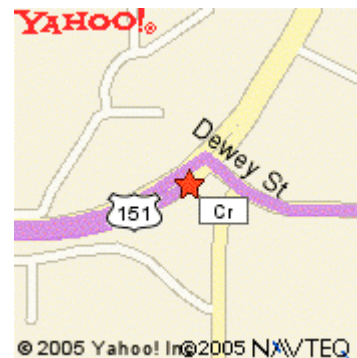
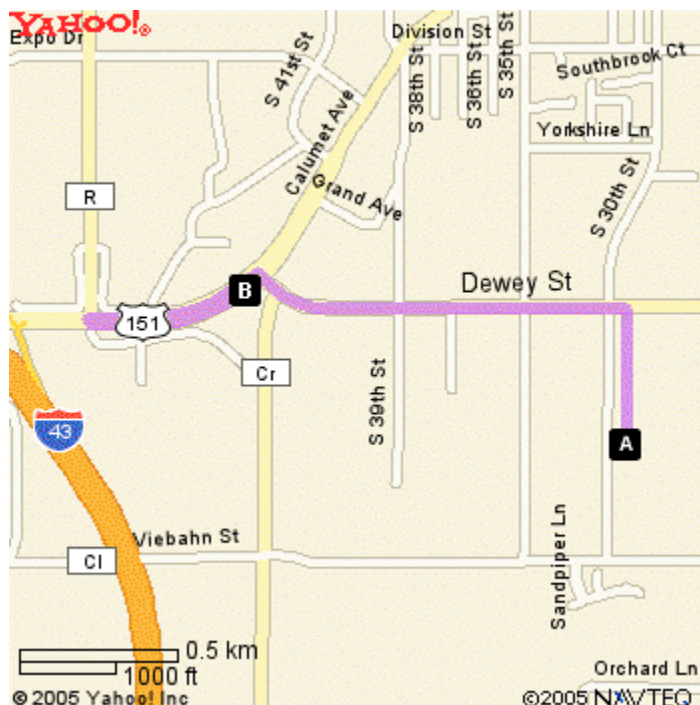
Miller-St. Nazianz to Manitowoc Crane
2401 S. 30th St., Manitowoc, WI

1. Start at **MAIN ST, ST NAZIANZ** on **CR-C** going toward **8TH AVE** - go **0.3** mi
2. Turn on **N 4TH AVE** - go **0.3** mi
3. **N 4TH AVE** becomes **COUNTY ROAD A** - go **0.7** mi
4. **COUNTY ROAD A** becomes **CR-A** - go **1.4** mi
5. Turn on **US HIGHWAY 151[US-151]** - go **1.9** mi
6. Continue to follow **US-151** - go **10.1** mi
7. Turn on **DEWEY ST** - go **0.7** mi
8. Turn on **S 30TH ST** - go **0.3** mi
9. Arrive at **2401 S 30TH ST, MANITOWOC.**



Manitowoc Crane to Holiday Inn - Manitowoc
4601 Calumet Ave., Manitowoc, WI

1. Start at **2401 S 30TH ST, MANITOWOC** - go **0.3** mi
2. Turn left on **DEWEY ST** - go **0.7** mi
3. Turn left on **US-151** - go **0.4** mi
4. Turn left on **S FRONTAGE RD** - go **< 0.1** mi
5. Turn left on **US-151** - go **0.3** mi
6. Arrive at **4601 CALUMET AVE, MANITOWOC.**



Treasurer's Report August 24th, 2005 thru December 2nd, 2005

Opening Balance – August 24th, 2005 \$6603.29

Revenue:

<u>Date</u>	<u>From</u>	<u>Memo</u>	<u>Amount</u>
Oct-2 nd	WI Section ASABE	October Meeting Dues	\$450.00
Dec-1 st	ASABE Nationals	National Dues	\$330.00

Total: \$780.00

Expenses:

<u>Date</u>	<u>To</u>	<u>Memo</u>	<u>Check #</u>	<u>Amount</u>
Oct-2 nd	Ridges Country Club	October Meeting	535	\$631.45

Total: \$631.45

Closing Balance – December 2nd, 2005 \$6571.84

WI Section ASABE Budget

Below is the 2005 budget compared to the year-to-date tracking for each of the categories listed.

<u>Category</u>	<u>2005 Budget</u>	<u>2005 YTD</u>
Awards	\$650.00	\$570.00
Misc	\$25.00	\$7.37
National Dues	\$1,900.00	\$1,952.00
Officer Meeting	\$150.00	\$0.00
Section Meeting Dues	\$2,375.00	\$1,538.00
Section Meeting Exp	\$2,500.00	\$1,759.22
Speaker Gift Certificate	\$150.00	\$20.00
Student Support	\$600.00	\$600.00
Total Revenue	\$4,275.00	\$3,490.00
Total Expenses	\$4,075.00	\$2,956.59
Account Gain / Loss	\$200.00	\$533.41

Respectfully Submitted,

Jacob H. Holl

Wisconsin Section ASABE Treasurer 2005-2006

Secretary's Report**December 2nd, 2005****Wisconsin Section ASABE**

The spring meeting of the Wisconsin Section ASABE was held on October 5th, 2005 at the Jacob Searles Company and the Newell Jasperson cranberry farm. The Jacob Searles Company is owned by Bob Duckert and uses Getsinger harvesters, where fruit is raked from the vines and put into flat bottomed boats. The cranberries from Bob Duckert's cranberry beds are used primarily for the fresh-frozen fruit market. On the Jasperson farm, the cranberries are scraped from the vines with an implement designed by Newell Jasperson. The cranberries are then pumped from the cranberry bed using a centrifugal pump. The cranberries from New Jasperson's cranberry beds are sent into a processor to be made into juice.

Before dinner at the Ridge's Country Club, Scott Sanford (UW-Madison, Dept of Ag & Life Sciences) gave a presentation on the cranberry market and answered questions regarding cranberry production in Wisconsin.

Bob Loehr called the business meeting to order at 6:15PM

1. 21 people attended the dinner meeting, which included honored guests and pre-professionals.
2. Jacob Holl gave a brief secretary & treasurer report. As of August 24th, 2005, the Wisconsin Section had a balance of \$6603.29. The 2005-2006 ASABE budget has been approved by the officer team and the YTD expenditures are on-track to the agreed upon budget.
3. The ASABE officer team will start work on a form for student section support requests. This form will need to be filled out and returned to the ASABE treasurer for student section funding requests to be granted.

The meeting was adjourned 6:30PM

Respectfully Submitted,

Jacob H. Holl

Wisconsin Section ASABE Secretary 2005-2006

“Call for Officer Nominations”

Wisconsin Section of ASABE is looking for nominations for 2005 section officers. This is an excellent opportunity to network with other professionals from across the state in a broad scope of agricultural disciplines. Our officers represent areas such as ATV design, agricultural facilities design, tillage, harvesting and material handling machinery design, power train design, commercial and residential lawn and garden product design, and others. Each year, the committee is comprised of a combination of new and past officers to fill the positions needed. The following positions will need to be filled:

Vice Chair-Program
Career Development Committee
Secretary/Treasurer
Vice Chair-Awards
Vice Chair-Membership
Vice Chair-Public Relations
Nominating Committee(2)

As Dave Kammel is currently Program Chair with Pat Pritzl serving as Vice Chair, these two individuals will be serving as Past Chair and Chair, respectively, for the 2005-2006 season. If you are interested in learning more, or know of someone who would be capable of filling any of the above positions, please contact

Scott Grahl: Scott.Grahl@am.wackergroup.com

Roger Thiel: rthiel@baylandbuildings.com

Dave Kammel: dwkammel@wisc.edu

“Call for Section Award Nominations”

Dan Thiemke

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 2006 include the Agricultural Engineering Young Engineer Award, the Biological Systems Engineering Student of the Year, the Agricultural Mechanization/Engineering Technology Student of the Year, the Biological Systems Engineering Graduate Student of the Year, and the Wayne G. Russell Award.

The deadline for nomination of these awards is **January 30th**. 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 **Dan Thiemke**, this year's Vice Chair of Awards.

Dan Thiemke
John Deere Horicon Works
300 North Vine Street
Horicon, WI 53032
920-485-5074 Phone
920-485-5169 Fax
thiemkedanielb@johndeere.com

Wisconsin Section of the ASABE AGRICULTURAL AND BIOLOGICAL SYSTEMS ENGINEERING YOUNG ENGINEER AWARD

Purpose: This award is to honor a young Wisconsin Section member for outstanding contributions to the advancement of the Agricultural and Biological Systems Engineering profession. The selection will be based on a candidate's total accomplishments as an engineer and not just on their activities during the past year.

Eligibility: The recipient must be a member of the Wisconsin Section of the ASABE in good standing and under the age of 40 as of January 1st of the year in which the award is presented.

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.
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 the ASABE BIOLOGICAL SYSTEMS ENGINEERING STUDENT OF THE YEAR

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

Eligibility: The recipient must be enrolled in a Biological Systems 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 the ASABE AGRICULTURAL MECHANIZATION/ENGINEERING TECHNOLOGY 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 the ASABE BIOLOGICAL SYSTEMS ENGINEERING GRADUATE STUDENT OF THE YEAR

Purpose: To recognize a Biological Systems 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 the 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 Alliant Energy 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
MILLER-ST. NAZIANZ, INC. & MANITOWOC CRANE
JANUARY 12, 2005

	Number Attending	Cost	Total
Dinner – 5:30pm	_____	\$25.00/person	\$ _____

Name(s): _____

Address: _____

City/Town: _____ State/Zip _____

Telephone: (____) _____ - _____ FAX: (____) _____ - _____

e-mail: _____

Return completed form by **January 6th** to:

Bob Loehr

ASABE Wisconsin Section, Program Chair

c/o John Deere Horicon Works

300 North Vine St.

Horicon, WI 53032

Phone - (920) 485-5365

FAX - (920) 485-5169

email – LoehrRobertJ@JohnDeere.com