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# ASAE WISCONSIN SECTION



[www.asae.org](http://www.asae.org)

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

**September 2001**

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Todd England  
J-Star Industries, Inc  
(920)-563-5521  
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## Wisconsin Section Meeting Wednesday, 19 September with Wisconsin Farm Progress Days



The 2001 Fall Wisconsin Section ASAE meeting will be held Wednesday, 19 September in conjunction with Wisconsin Farm Progress Days. The meeting will include a 5:00 pm dinner at the Hhffrrrgh Inn in Janesville, followed by a presentation on Caterpillar's Lexion combine start-up by Product Support Manager, Alan VanNahmen from Omaha, NE. The ASAE business meeting will follow and wrap up the evening. The Illinois ASAE section is also invited to join us for the meeting. Meeting information and directions to the restaurant are included on the following pages.

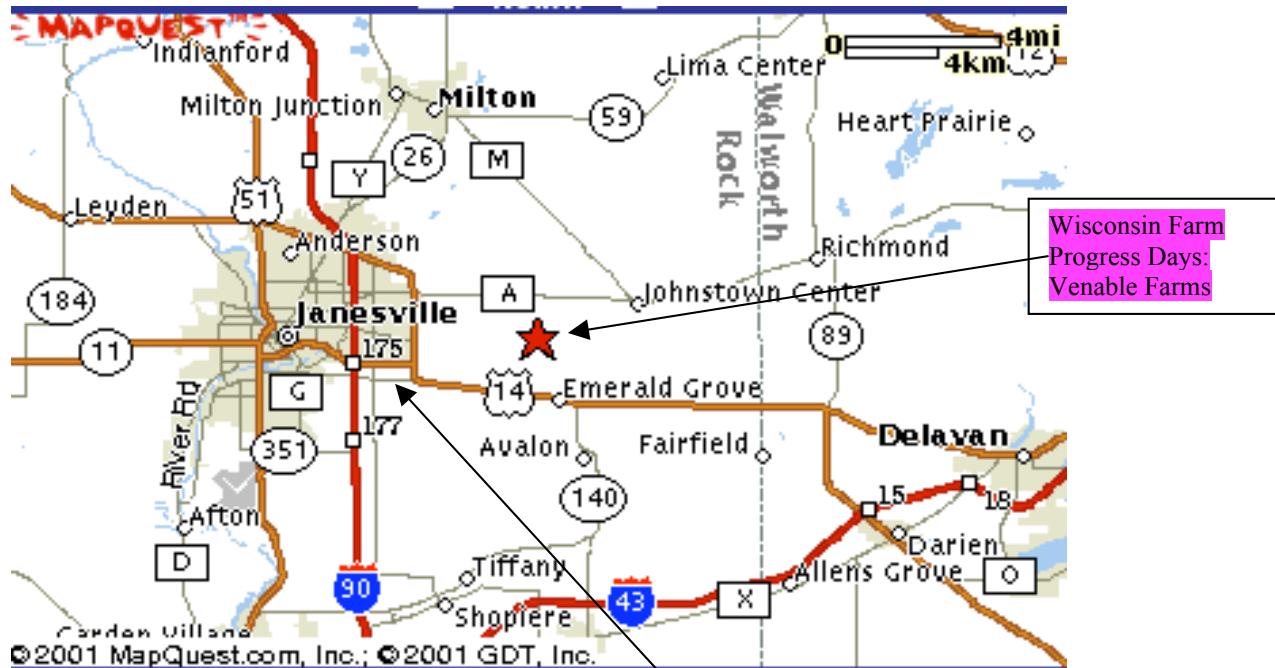
Rock County's Venable Farms will host Farm Progress Days, which is Wisconsin's largest agricultural event featuring crop production demonstrations with over 700 vendors and running from 18-20 September. Over 90% of Rock County's land is suitable for agriculture, accounting for over 20% of the county's economic base. Rock County ranks 1<sup>st</sup> in Wisconsin in soybean acreage, 2<sup>nd</sup> in corn, 8<sup>th</sup> in hogs, 9<sup>th</sup> in sweet corn, 11<sup>th</sup> in green peas, 27<sup>th</sup> in cattle and 38 in milk cows. *Continued...*

Bob and Virgie Venable have owned and operated their family farm since 1957. Their son Tom joined the operation in 1976 after graduating from UW-Madison. In 1993, Tom lost a battle with cancer and his wife Sue assumed the role of farm manager. Currently the farm is managed and operated by family members and 2 full time hired employees.

The Venables currently cash crop 2,000 acres of corn and soybeans while minimizing off-farm inputs. Manure from their 3000 head of cattle is injected into the ground, and utilized in their corn/bean rotation. Insecticide applications are kept to a minimum.

For more information on the Hosts of 2001 Wisconsin Farm Progress Days visit the website: [www.wifarmprogressdays.com](http://www.wifarmprogressdays.com)

**Map to 2001 Wisconsin FPD & ASAE meeting in Janesville, WI area**



**Directions to Farm Progress Days:**

From Madison area take Interstate 90 East to Hwy 14. Take Hwy 14 East to Emerald Grove Road. Turn left or North on Emerald Grove Rd to MM. Left on MM to farm.

From Milwaukee/Chicago/Illinois area take Int. 90 West to Hwy 14. Take Hwy 14 East to Emerald Grove Rd. Turn left or North on Emerald Grove Rd to MM. Left on MM to farm.

**Directions from Farm Progress Days to Hhffrrrggh Inn, Janesville:**

Emerald Bay Rd. South to Hwy 14, turn right (west) on Hwy 14 and head into Janesville. Where 14 and 11 split, turn left on Hwy 11 and follow to South Wurthing Hills. Turn left on S. Wurthing Hills to 731 S. Wurthing Hills.

Hhffrrrggh Inn info: 731 South Wurthing Hills, Janesville, WI 53546 (608)-741-8833

**Directions to Hhffrrrggh Inn, Janesville:**

Interstate 90 to Hwy 11. East on Hwy 11 to South Wurthing Hills. South to 731 S. Wurthing Hills.

Hhffrrrggh Inn info: 731 South Wurthing Hills, Janesville, WI 53546 (608)-741-8833

*For more detailed driving directions use Mapquest.com.*

<b>Message from the Chair, Bill Nelson</b>
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Attending the ASAE International Meeting in Sacramento reaffirmed my belief that ASAE plays an important role in our industry. Both at the National and Section level, ASAE helps to create unity among the industry, academia, and public service disciplines. This interaction is so valuable in helping to stimulate growth in agricultural, food, and biological systems.

The Wisconsin Section Officers met in June to plan this year's meeting schedule and to establish section goals. I would encourage everyone to stay involved in ASAE and help out with meeting these goals. If you have any questions or comments, please feel free to contact me or any of the section officers.

For myself, I feel honored to help guide the Wisconsin Section for the upcoming year.

**2001-2002 Goals**

- **Section Web Site:** The development of a Section web site was encouraged to provide continuity within the group. The primary function of the site would be to maintain records such as past officers, award winners and newsletters. It could also include the awards descriptions, section by-laws and officer duties to help facilitate continuity during officer changes. The Home page could provide a quick reference to upcoming meetings. It is envisioned that the maintenance of the site will be kept to a minimum and be the responsibility of the Secretary-Treasurer in the future.
- **Membership:** The focus will be to encourage student participation by subsidizing their meeting registration in hopes that they will become active members in the section.
- **Career Development:** The Career Development Committee is encouraged to meet with the Student Branches within the State to determine areas where the Section can facilitate career planning. An additional activity that could be considered is to develop ways to encourage Section professionals to attend high school and extension college orientations.

**\*\*\* Do not forget to keep your information up to date with ASAE headquarters (ASAE.com) to ensure that notices can get to you on time. If you have email, make sure this information is provided also. \*\*\***

## Treasurer's Report Addendum (November 29, 2000- February 28, 2001)

**Opening Balance – November 29,1999** **\$3999.51**

**Inflows (Income):**

- 2/20/2001 Deposit-National ASAE Dues \$1740.00
- 2/20/2001 Deposit-January Meeting \$863.00

**(Total: \$2603.00)**

**Outflows (Expenses):**

- Draft# 469 Cash on Hand for meeting \$-60.00
- Draft # 470 Silver Spring Country Club –Jan. 2001 Meeting \$-672.67
- 1/30/2001 Bank Fee – return checks \$-2.00

**(Total: \$-734.67)**

**Balance- February 28, 2001** **\$5867.84**

Respectfully Submitted  
Todd England, Treasurer

<h3>Nominate A Deserving Colleague For One of ASAE's Major Award</h3>
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**Nominations Due: OCTOBER 31**

You know the ones we're talking about – the teacher who inspires greatness, the designer whose products are many cuts above average, the researcher whose work is the foundation for later developments. Those often-unsung heroes and heroines in the engineering profession. It's time to give them the recognition they deserve. For details on how to nominate a colleague for one of the ASAE awards listed below, please refer to the ASAE web page at <http://asae.org/awards/> for instructions on how to prepare nominations of candidates. For further information, please contact Carol Flautt at [flautt@asae.org](mailto:flautt@asae.org) or telephone (616) 428-6336.

**CYRUS HALL McCORMICK-JEROME INCREASE CASE GOLD MEDAL:** Honors exceptional and meritorious engineering achievement in agriculture that has resulted in new concepts, products, processes or methods that advanced the development of agriculture.

**JOHN DEERE GOLD MEDAL:** Honors achievement through engineering for improved manipulation, use and conservation of soil-water resource, and that has resulted in applications of a new concept, product, art or science that advanced the development of agriculture.

**MASSEY-FERGUSON EDUCATIONAL GOLD MEDAL:** Honors those whose dedication to the spirit of learning and teaching in the field of agricultural engineering that has advanced our agricultural knowledge and practice and whose efforts serve as an inspiration to others.

**HENRY GIESE STRUCTURES AND ENVIRONMENT AWARD:** Honors distinguished service in advancing the knowledge and science of agricultural structures and environment.

**HANCOR SOIL AND WATER ENGINEERING AWARD:** Honors contributions to advancement of soil and water engineering. Contributions may be in teaching, research, planning, design, construction, management or development of materials.

**G. B. GUNLOGSON COUNTRYSIDE ENGINEERING AWARD:** Honors outstanding engineering contributions to the development and improvement of the countryside.

**ASAE KISHIDA INTERNATIONAL AWARD:** Honors outstanding contributions to engineering-mechanization-technological programs of education, research, development, consultation or technology transfer that have resulted in significant improvements outside the United States.

**NAMIC ENGINEERING SAFETY AWARD:** Honors outstanding contributions to research, design, education or promotion that have advanced agricultural safety engineering.

**IAFIS FOUNDATION-FPEI FOOD ENGINEERING AWARD:** Award alternating between recognizing a "Distinguished" Food Engineer in odd-numbered years and an "Emerging" Food Engineer (with less than 10 years' practice) in even-numbered years. Honors original contributions in research, development or design, or in the management of food processing equipment or techniques of significant economic value to the food industry and the consumer. Award presented during the IAFIS Foundation Annual Conference in the spring with re-presentation at the ASAE Annual International Meeting which follows.

**SUNKIST YOUNG DESIGNER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors development or creation of a technical plan that is materially influencing agricultural engineering progress as evidenced by use in the field.

**YOUNG EXTENSION WORKER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors dedicated use of scientific methodology to seek out facts or principles significant to agricultural engineering.

**A. W. FARRALL YOUNG EDUCATOR AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors outstanding success motivating the application of engineering principles to problems of agricultural engineering.

**NEW HOLLAND YOUNG RESEARCHER AWARD:** Award to an individual who is less than 40 years old at time of selection. Honors dedicated use of scientific methodology to seek out facts or principles significant to agricultural engineering.

**MAYFIELD COTTON ENGINEERING AWARD:** Honors outstanding contributions to the cotton industry.

**NATIONAL FOOD AND ENERGY COUNCIL ELECTRIC TECHNOLOGY AWARD:** Honors contributions to use of electrical energy in the production and processing of agricultural products and to emphasize the unique role of agricultural engineering.

**ROBERT E. STEWART ENGINEERING HUMANITIES AWARD:** Honors a graduate or undergraduate student who is a Student Member of ASAE at time of nomination for outstanding contributions to the profession and the humanities.

**RAIN BIRD ENGINEERING CONCEPT OF THE YEAR AWARD:** Honors an engineer or engineering team for unique contributions to development or advancement of a new engineering concept.

**AWARD FOR THE ADVANCEMENT OF SURFACE IRRIGATION:** Seeks to recognize and publicize those efforts that enhance the acceptance and efficient use of surface irrigation methods.

**EVELYN E. ROSENTERER STANDARDS AWARD:** Recognizes individuals who have given exceptional contributions toward the generation, maintenance and administration of ASAE standards.

**Request for Wisconsin Section Award Nominations**  
**Contact: Derek Whitelock**

Each year the Wisconsin Section of the ASAE recognizes outstanding achievement during award presentations at its spring meeting. Wisconsin Section awards scheduled to be given in 2001 include the Agricultural Engineering 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 next **January 30<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 **Derek Whitelock**, this year's Vice Chair of Awards.

**Derek P. Whitelock, Assistant Professor**  
**Agricultural Engineering Technology**  
**University of Wisconsin - River Falls**  
**410 S. 3rd Street**  
**River Falls, WI 54022**  
**(715)425-3985 phone**  
**(715)425-3785 fax**  
**derek.whitelock@uwrf**

**Wisconsin Section of the ASAE**  
**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 ASAE 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 ASAE. 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.

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Wisconsin Section of the ASAE  
**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 ASAE Student Branch, a national member (student or otherwise) of the ASAE, 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 1 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. ASAE 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.

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**Wisconsin Section of the ASAE**  
**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 ASAE Student Branch, a national member (student or otherwise) of the ASAE, 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 1 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. ASAE 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.

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## **Wisconsin Section of the ASAE 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 ASAE 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 ASAE 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.

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## **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 (ASAE 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 Form  
**Wisconsin Section ASAE Meeting**  
**19 September, 2001 --- Janesville, WI**

**Happy Hour:** 4-5pm *Upstairs Bar at Hhffrrrggh Inn*  
**Dinner:** 5-6 pm *Beef, Chicken, Potatoes, Vegetables, Salad, Rolls*  
**Presentation:** 6-7 pm *Caterpillar's Lexion Combine*  
**Business Mtg:** 7pm -adjourn

*Price is \$22.00 per member/guest and no cost for students if they pre-register by 10 Sept01. If students do not meet the 10 Sept registration deadline the cost will be \$15.00*  
*Mail or fax this form, or reply by e-mail, by Monday, 10September2001 to:*

Todd England  
 J-Star Industries, Inc.  
 801 Janesville Ave.  
 Fort Atkinson, WI 53538

Phone: 920-563-5521  
 Fax: 920-563-2494  
 Email: todd.english@jstmail.com

<i>Name</i>	<i>Organization</i>	<i>Phone</i>

Please fill in blanks and enclose payment. Checks payable to **Wisconsin Section ASAE**.

# Members/guests: \_\_\_\_\_ x \$22.00 each = \$ \_\_\_\_\_

# Students: \_\_\_\_\_ x \$0.00 each (Only if pre-registered by deadline)

If Students are not pre-registered, the fee will be \$15.00.

Total Attending: \_\_\_\_\_ Total Enclosed = \$ \_\_\_\_\_