

35th Biennial Meeting
Orlando, Florida
February 25 – February 28, 2009

The 35th Biennial Meeting of the American Society of Sugar Beet Technologists will be held on February 25 thru February 28 at the Wyndham Orlando Resort in Orlando, Florida. Our meeting will follow this schedule:

Wednesday, February 25	1:00 P.M. - 5:00 P.M.	Registration
	6:00 P.M. - 8:00 P.M.	Presidents Reception
Thursday, February 26	9:00 A.M. - 12:00 P.M.	General Session
	1:00 P.M. - 5:00 P.M.	Technical Sessions
Friday, February 27	8:00 A.M. - 12:00 P.M.	Technical Sessions
	1:00 P.M. - 5:00 P.M.	Technical Sessions
Saturday, February 28	8:00 A.M. - 12:00 P.M.	Technical Sessions
	1:00 P.M. - 5:00 P.M.	Technical Sessions
	6:30 P.M.	Social
	7:30 P.M.	Awards Banquet

The ASSBT Board of Directors met in February to begin planning this meeting. Final arrangements are being made for an interesting General Session. Several tours to special places in and around Orlando are being planned for the enjoyment of accompanying persons. An excellent Program Committee has been appointed, and is working to develop a strong program with attention to current topics of importance to our industry. The Committee consists of:

General Program Chairperson	Robert Hatch
Agricultural Program Chairperson	Stacey Camp
Operations Program Chairperson	Terry McGillivray
Poster Program Chairperson	Linda Hanson

The following rate has been negotiated with the Hotel for our meeting:

Single or Double occupancy	\$159.00/night
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Later this year we will be sending out detailed information on the meeting, including registration cards and hotel reservation cards. If you need to make reservations prior to that time, please be sure to identify yourself as being with the American Society of Sugar Beet Technologists Group.

CALL FOR PAPERS

American Society of Sugarbeet Technologists

35th Biennial Meeting
February 25 – February 28, 2009
Orlando, Florida

1. Submitting Titles and a Short Abstract

Deadline: October 23, 2008

Submission of title and short abstract via e-mail is strongly encouraged. If you do not have access to e-mail, titles and short abstracts may be submitted by mail using the attached Title Submission Form. Please read and follow the instructions for preparation of the Short Abstract.

E-Mail Submission Instructions

- A. Enter the information contained on the title submission form (use the form as a guide) into an e-mail message. Please type directly into the e-mail message; do not convert from word processing or other software.

INCLUDE THE FOLLOWING IN THE E-MAIL SUBMISSION

- Names and affiliations of authors as you wish them to appear in the program. **Asterisk the presenter.** (See example on the submission form.)
 - Name, address, telephone number, fax and e-mail address of the corresponding author
 - Paper or poster title
 - Preferred Section for paper or poster (see list on submission form)
 - Presentation - paper or poster?
1. The Short Abstract should be included as an attachment to the e-mail message. Please use either Word or WordPerfect for the attachment. Please read and follow the instructions for preparation of the Short Abstract. The Short Abstract will be distributed with meeting registration packets and will be published in the *Journal of Sugar Beet Research*.

2. Address and send e-mail message to:
aa@bsdf-assbt.org

Deadline: October 23, 2008

3. Submissions for the Meeting Proceedings:

*** * * SHORT ABSTRACTS *WILL NOT BE PUBLISHED IN THE PROCEEDINGS* * * ***

Authors of papers or posters are required to prepare either a Full Paper or an Expanded Abstract for publication in the Proceedings. The Full Paper or Expanded Abstract must be given to the session leader at the time the paper or poster is presented. Only the titles and author names will be printed in the proceedings if the Full Paper or Expanded Abstract is not received. Please read and follow the instructions for preparation of the Full Paper or Expanded Abstract.

INSTRUCTIONS FOR THE SHORT ABSTRACT

The Short Abstract Must Be Submitted with the Title

Set a 1.00 inch left margin and 1.00 inch right margin, leaving 6.50 inches of typing space. Use a 12-point Times New Roman font; conventional or proportional spacing is acceptable, and text must be full-justified. Use a maximum of 24 total lines, SINGLE-SPACED, to compose the abstract as described below. **FOLLOW THE EXAMPLE PROVIDED, AND LEAVE NO BLANK LINES.** Use WordPerfect or Word to prepare the short abstract attachment to the e-mail submission.

1. CAPITALIZE AUTHOR NAME(S). List first or single author=s last name first, then first name and initial. For other authors, list them first name first. End author list with a comma. Place an asterisk after the name of the presenter.
2. Follow authors immediately with address(es), including zip code. If authors have different addresses, these may be related to the person by use of superscript numbers (see example). End address list with a period.
3. Double-space after the address list period, then immediately type the full title of the paper. Capitalize only the first word of the title, except for proper nouns (but use capitals and italics as appropriate for scientific names). **Bold face the full title.**
4. Start the text on the next new line and indent five spaces; use entire 6.50 inch width allowed, and do not leave any blank lines in entire abstract. Use a maximum of 24 lines for the entire abstract (authors, addresses, title and text).
5. Compose an informative abstract that contains a concise statement of (1) the problem; (2) experimental methods, if pertinent; and (3) results. The text should cite quantitative data from representative experiments and draw conclusions, if applicable. Statements such as A...results will be discussed...@ are not informative and should not be used.

SAMPLE ABSTRACT

NARUM, JUDY A.¹, and SUSAN S. MARTIN^{2*}, ¹Beet Sugar Development Foundation, and ²USDA, Agricultural Research Service, 1701 Center Ave., Fort Collins, CO 80526. **Sugars and impurities in peel and interior of *Beta vulgaris*; changes under high-quality storage.**

Two major factors are important in sucrose loss from sugarbeet during pile storage: (1) respiration, and (2) biochemical conversions to compounds such as invert sugar and raffinose. Our objective in this study was to determine the rate of loss of sucrose and changes in other impurities in the peel versus the peeled interior of sugarbeet held under nearly ideal storage conditions. Sugarbeet from commercial, smooth root, and experimental varieties were placed in storage at 4 °C and nearly 100% relative humidity. Whole root (RT), interior (IN), and peel (PL) samples were collected at harvest and at three subsequent eight week intervals. Biochemical changes were monitored by analyzing sucrose filtrate samples for pol sucrose; sodium and potassium (emission spectroscopy); amino-N (ninhydrin); weight loss on drying; and Atrue@ sucrose, glucose, fructose, raffinose, and betaine (HPLC). At harvest, HPLC-determined Atrue@ sucrose comprised 14.71%, 14.78%, and 3.01% of RT, IN, and PL fresh weight, respectively; this decreased to 12.33% (RT), 12.82% (ON), and 2.22% (PL) after 24 weeks. At harvest, invert sugar in PL was ca. 14-fold greater (g/100g HPLC sucrose) than in RT, and peel raffinose content (g/100S) was about triple that of RT.

INSTRUCTIONS FOR THE FULL PAPER OR EXPANDED ABSTRACT

For publication in a volume of *Proceedings* of the 2009 meeting, participants are required to summarize each presentation in one of two ways:

Full paper

****See instructions below****

(Examples of full paper preparation: 1997 Proceedings Agriculture, pages 45-50 or 1997 Proceedings Operation, pages 61-70).

Expanded Abstract

The Short Abstract cannot be used as your contribution to the *Proceedings*. An expanded version in which you add more details of methods and results is required. (Example of an expanded abstract: 1997 Proceedings Agriculture, pages 35-36).

FULL PAPERS FOR INCLUSION IN THE *PROCEEDINGS*

Papers usually will include the following sections: Introduction and Objective(s), Materials and Methods, Results and Discussion, and (if appropriate) Literature Cited. These headings need not be used, but the paper should incorporate each of these. Tables and Figures may be included, they should be integrated into the text where appropriate. For the *Proceedings*, your paper will be reproduced as you submit it, so please take care to lay out the paper to minimize wasted space.

- ☞ Begin with a heading that lists the paper title, authors and mailing addresses of all authors. Use the same format for the Short Abstract heading. Double-space below the heading, then begin the paper immediately (i.e., do not use a full sheet of paper just for the heading).
- ☞ If possible, Tables and Figures should be included at an appropriate position in the text. **DO NOT** leave more than 1/4 page of white space anywhere in your paper, including Figures. If necessary, use reduced font size to group Figures together on a single page B this will **NOT** be done for you in the *Proceedings*. Reduce computer-generated figures so that they are of minimum size, yet still legible C seldom should a single Figure occupy more than 1/3 page. Consider each figure carefully and, if its contents can be summarized in a few words in the text, **OMIT THE FIGURE!** Use photographs sparingly, and **ONLY** if their contrast is such that they will reproduce well by photocopy.
- ☞ Each Full Paper must be submitted **both as a hard copy and on a computer disk** to the Session Leader when the paper or poster is presented.
 1. Computer Disk:
 - Use IBM compatible system
 - CD ROM or memory stick
 - Use Word or WordPerfect software
 - Use Table Format to create tables
 - Use Power Point for graphics
 - Label the disk with the paper or poster name, file name and the program name plus version used

2. Hard Copy:
 - Use Times New Roman 12 point font for all text. Smaller font may be used for tables and figures but be sure the font is easy to read
 - Single space everything
 - Leave 1.0 inch margins on sides, top and bottom on 8.5 x 11 inch white paper
 - Do **not** number pages

DO NOT SUBMIT PAPER COPIES OF THE SLIDES USED FOR YOUR PRESENTATION!

EXPANDED ABSTRACT FOR INCLUSION IN THE PROCEEDINGS

The Expanded Abstract should include a brief statement of the objective of the research, Methods and Materials (only the minimum needed for explanation or interpretation of results) and a brief description of the important results and conclusions from the research. The Expanded Abstract does not have a size limit but please be concise.

- 👉 Begin with a heading that lists the paper title, authors and mailing address (es) of all authors. Use the same format as for the Short Abstract heading.
 - 👉 Skip one line below the heading and center the word ABSTRACT (all caps). Skip one line below the word ABSTRACT and start the text.
 - 👉 Single space and full justify all text. Use paragraphs as needed. Do not include tables or graphs in an abstract.
 - 👉 Each Expanded Abstract must be submitted **both as a hard copy and on a computer disk** to the Session Leader when the paper or poster is presented.
1. Computer Disk
 - Use IBM compatible system
 - CD ROM or memory stick
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 - Label the disk with the paper or poster title, file name and the program name plus version used
 2. Hard Copy
 - Use Times New Roman 12 point font
 - Single space everything
 - Leave 1.0 inch margins on sides, top and bottom on 8.5 x 11 inch white paper
 - **Do not number pages**

POSTER SESSION

The ASSBT meeting will again have a poster session for 2009. Authors may choose to present their information as a poster rather than as the traditional 12 minute oral presentation.

One poster mounting board approximately 4 (four) by 8 (eight) feet supported on an easel will be provided for each paper by ASSBT. Posters should be assembled between 1:00 P.M. and 6:00 P.M. on February 25th and left in place until 5:00 P.M. on February 28th. There will be times scheduled during the technical sessions at which the authors must be present at their papers.

Authors of posters must prepare the Short Abstract plus a Full Paper or Expanded Abstract. See attached instructions.

ASSBT TITLE SUBMISSION FORM - 2009

*For each paper or poster you will present, submit this form (or an equivalent) to ASSBT at the address below. Deadline for receipt: **October 23, 2008***

1. Authors:
(List names and affiliations as you wish them to appear in the program; place an asterisk by the name of the presenter, if not the first author. Example: Frank B. VanDeen¹, A. Rita Jameson², and Z. Q. Liener¹. ¹Whatever Sugar Company, P.O. Box 808, Sweetplace EL 99987, and ²Dept. of Sugar Science, Certainty State University, Purgatory ST 22333.)
-
-

2. Corresponding Author:
Name: _____
Address: _____

Telephone: () _____
FAX: () _____
E-Mail: () _____

Paper or Poster Title:

3. Circle Preferred Section for Presentation:
- | | |
|------------------------------|----------------------------------|
| Agronomy | Genetics & Germplasm Improvement |
| Entomology & Plant Pathology | Chemistry & Instrumentation |
| Physiology & Biotechnology | Factory Operations |

4. Indicate whether presentation is:
Paper _____ or Poster _____

RETURN TO: Tom Schwartz
A S S B T
800 Grant Street, Suite 300
Denver, Colorado 80203
or aa@bsdf-assbt.org