



Journal of Sugar Beet Research

Aims and Scope

Rev. Jul. 2025

The Editors of the Journal of Sugar Beet Research (JSBR) invite papers dealing with all aspects of sugar beet and beet sugar production in the United States and worldwide. The JSBR will continue accepting peer-reviewed manuscripts and will now be accepting technical reports (editorial review for content and methods). In addition, the Journal will serve as an abstracting service, providing abstracts and information about resources of sugar beet interest from other scientific sources. The journal is particularly interested in all aspects of the sugar beet and beet sugar production which further the knowledge of the industry, improve production, and stimulate discussions that lead to new ideas and solutions for existing and emerging problems.

JSBR covers all aspects of the sugar beet and beet sugar production, including but not limited to the following topics:

Agronomy, including

- Crop rotation & Cover crops
- Fertility
- Irrigation
- New technologies
- Physiology
- Precision Agriculture

Breeding & Genetics, including

- Genomics & Gene function studies
- Germplasm releases
- Molecular marker studies and releases
- Breeding methods and tools

Economy

Environment/Sustainability, including

- Environmental impact of sugar beet production and processing
- Climate and climate change

Harvest & Storage studies, including

- Harvest technology
- Beet handling for both storage/piling

New technologies



Pest & Weed management, including

- Biology of pathogens/pests/weeds affecting sugar beets
- Molecular studies
- Identification
- Control - biological, chemical, cultural
- Integrated Pest Management
- Economic impact

Processing, including

- In-factory transport of beets and handling for processing
- Quality assurance
- Sugar processing: processing aids and equipment technologies
- By-products
 - Handling/safety, storage
 - Feed safety/quality
 - Nutrients
 - Lime (PCC)

Safety, including

- Industry
- Factory (Processing)
- Food safety

Water Conservation and Drought Studies

The Journal of Sugar Beet Research welcomes all authors dealing with all aspects of the sugar beet and beet sugar production to submit suitable contributions on any topic falling within the aims and scope of the journal.