

MICHIGAN SUGAR COMPANY

MICHIGAN-ONTARIO SUGARBEET AGRONOMIC PRIORITIES FOR 2010

GENERAL EMPHASIS: Researching, understanding, and integrating all production aspects that will improve sugarbeet quality and profitability.

DISEASE AND PEST MANAGEMENT:

- 1) Managing root diseases with special emphasis on Rhizoctonia crown rot and Aphanomyces.
- 2) Managing Cercospora leafspot foliar disease.
- 3) Understand and manipulate soil biology and food web structure to improve soil health and long term viability.
- 4) Reduce impact and manage sugarbeet cyst nematode to improve profitability of beet production.
- 5) Reduce and manage tare soil to minimize field contamination of pest.

SOIL FERTILITY MANAGEMENT

- 1) Improve nitrogen management of sugarbeets for optimum yield, quality, and development of a reliable soil nitrogen prediction test.
- 2) Research and understand utilization of manure and cover crops and their effects on root yield and quality.

WEED MANAGEMENT

- 1) Agronomic practices associated with improving weed control.
- 2) Weed management issues associated with Roundup Ready sugarbeets.
- 3) Glyphosate/fungicide/additive compatibility and interaction.
- 4) Evaluation of new herbicides.

STORAGE

- 1) Impact of storage related to varieties respiration, disease, and nutrient uptake.
- 2) Impact of scalping/topping on quality and storage of sugarbeets.



BAY CITY AGRICULTURAL OFFICE
2600 S. EUCLID AVENUE
BAY CITY, MICHIGAN 48706
TELEPHONE (989) 686-0161 - FAX (989) 671-3714