

2009 - Sweet Corn Research Priorities

High Priority:

Disease Management. Fungicides and varieties for disease management. Contact with southern states for rust forecasting purposes. Includes Rust, NCLB, Stewarts Wilt. Application timing for rust as related to corn life stage.

Weed Control. Particularly for annual grasses (stave off wild proso millet invasion). Review work from Midwestern states.

Variety Evaluation. Includes level of disease susceptibility (especially for rust) and Poast tolerance.

Maximizing Yield and Quality. Including varieties, managing ear size, population, row spacing and fertility, and predicting soil nitrogen availability.

Early Season Insect Control. Seed treatments for control of flea beetles, rootworms, black and variegated cut worms, wireworms and seed corn maggot with emphasis on efficacy and cost.

Mid and Late Season Insect Control - Worm management, including cultural and biological methods and evaluating new chemistries that can compliment or replace pyrethroids. Surfactant evaluation.

Medium Priority:

Non-chemical Pest Management. Support for seeking external funding that will support more sustainable agricultural practices.

Breeding for ECB Resistance. Look for outside funding

Literature/Internet Search (Headline). Keep up to date on sweet corn research in other states