

2013 - Sweet Corn Research Priorities

High Priority:

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

Mid and Late Season Insect Control - Worm management especially western bean cutworm, CEW, ECB, including cultural and biological methods and evaluating new chemistries that can compliment or replace pyrethroids. Monitor and prepare for Brown Marmorated Stink Bug.

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

Medium Priority:

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

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.

Predicting soil nitrogen availability - Support for seeking external funding

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

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