

NYS Vegetable Research Association and Council

Priorities for 2021

These priorities were established by processing vegetable growers, crop consultants, and field representatives from Seneca Foods, Farm Fresh First (representing Bonduelle USA), Dewey Produce (table beets), and Love Beets USA in New York. The list was reviewed and updated at the annual Processing Vegetable Commodity Advisory meetings held December 15–16, 2020 (virtual meetings).

These priorities are ranked in order of importance by crop.

Sweet Corn Research Priorities

High Priority:

- **Weed Control.** Broadleaves and annuals. Refine timings for most effective herbicide applications. Herbicide rotations for resistance management.
- **Variety Evaluation.** Includes level of disease (especially for rust, NCLB and smut), insect susceptibility and horticultural characteristics.
- **Season Long Insect Control.** Worm management especially western bean cutworm, corn earworm. Includes cultural and biological methods and evaluating new chemistries that can complement pyrethroids along with most effective timing of applications. Seed treatments for control of flea beetles, rootworms, black and variegated cut worms, wireworms and seedcorn maggot with emphasis on efficacy and cost. Prepare for possible loss of neonicotinoid seed treatments. Monitor for Brown Marmorated Stink Bug and ECB.

Medium Priority:

- **New Nitrogen Modeling Technology** on sweet corn industry found and adapted from grain corn industry.
- **Non-chemical Pest Management.** Support for seeking external funding.
- **Disease Management.** Fungicides and varieties for disease management. Includes Rust, Stewarts Wilt, and especially Northern Corn Leaf Blight. Application timing as related to corn growth stage. Monitor for Goss's wilt, tar spot and other emerging pathogens.
- **Wildlife Management.**