

# 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.*

### Pea Research Priorities

High Priority:

- **Weed Control.** In particular, chemical control of thistles, daisies, nightshade (with respect to both berry and Colorado potato beetle contamination) and grasses particularly fall panicum, wild proso millet. Optimal timing for control with existing herbicides. Continue to evaluate new herbicides.
- **Contaminants (other than weeds).** Colorado potato beetles (see comments under weed control above), daisies and especially slugs and snails. Plant debris, especially wheat and other cover crops with seeds containing gluten. Work with harvester manufacturers to develop better contaminant screening.
- **Variety Evaluation.** For root rots, yield, sieve size, and tenderometer readings. Continue evaluating afile types. Priority is for evaluations done under production conditions (grower fields).

Medium Priority:

- **Fertilizer Evaluation.** Techniques, application rates, and placement timing for effect on yield.
- **Inoculant and Growth Regulator Evaluation** as new products arise. Application rates, methods, timing for their effect on yield, tenderometer readings and maturity dates, methods to evaluate need for application (such as soil testing methodologies), and the development of methods to determine potential inoculant carry-over between crops (such as in pea following soybean).