Relative Effectiveness of Herbicides Available for Use in Beets in New York for 2016<sup>a</sup>
(compiled by Julie Kikkert, CCE Regional Vegetable Program and Robin Bellinder, Cornell University)

### Key to Compare Effectiveness
- **G** = Good
- **F** = Fair
- **P** = Poor to None

### Pre-Plant Incorporated
- **Ro-Neet** (cycloate): 2.0-2.67qt
  - Lambsquarters: F-G
  - Purslane: F
  - Common Ragweed: P
  - Pigweed: G
  - Smartweed: P
  - Galinsoga: F-G
  - Mustard: F
  - Nightshade: G
  - Chickweed: G
  - Shepherds Purse: F
  - Velvetleaf: G
  - Wild buckwheat: G
  - Barnyardgrass: G
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: G
  - Yellow Nutsedge: F
  - Canadian Thistle: F-G
  - Dandelion: P

### Pre-Emergence
- **Dual Magnum** (s-metolachlor): 0.67pt
  - Lambsquarters: P
  - Purslane: F
  - Common Ragweed: G
  - Pigweed: P
  - Smartweed: G
  - Galinsoga: P
  - Mustard: F
  - Nightshade: G
  - Chickweed: G
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: G
  - Barnyardgrass: G
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: G
  - Yellow Nutsedge: G
  - Canadian Thistle: G
  - Dandelion: P

- **Nortron** (ethofumesate): 60 fl oz
  - Lambsquarters: F
  - Purslane: P
  - Common Ragweed: G
  - Pigweed: P
  - Smartweed: G
  - Galinsoga: G
  - Mustard: P
  - Nightshade: P
  - Chickweed: G
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: G
  - Barnyardgrass: G
  - Crabgrass: G
  - Fall Panicum: G
  - Foxtail sp.: P
  - Quackgrass: G
  - Yellow Nutsedge: P
  - Canadian Thistle: G
  - Dandelion: P

### Post-Emergence
- **Nortron** (ethofumesate): 5.25-10.5 oz
  - Lambsquarters: F
  - Purslane: P
  - Common Ragweed: G
  - Pigweed: P
  - Smartweed: G
  - Galinsoga: G
  - Mustard: F
  - Nightshade: F
  - Chickweed: P
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: P
  - Barnyardgrass: P
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: G
  - Quackgrass: G
  - Yellow Nutsedge: P
  - Canadian Thistle: P
  - Dandelion: P

- **UpBeet** (triflusulfuron methyl): 0.5 oz
  - Lambsquarters: P
  - Purslane: F
  - Common Ragweed: F-G
  - Pigweed: F
  - Smartweed: G
  - Galinsoga: F
  - Mustard: G
  - Nightshade: F
  - Chickweed: P
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: P
  - Barnyardgrass: P
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: P
  - Yellow Nutsedge: P
  - Canadian Thistle: P
  - Dandelion: P

- **Spin-Aid** (phenmedipham): 1.5-3.0 pt
  - Lambsquarters: F
  - Purslane: P
  - Common Ragweed: G
  - Pigweed: G
  - Smartweed: P
  - Galinsoga: G
  - Mustard: F
  - Nightshade: P
  - Chickweed: P
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: P
  - Barnyardgrass: P
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: P
  - Yellow Nutsedge: P
  - Canadian Thistle: P
  - Dandelion: P

- **Stinger 3EC** (clopyralid): 0.5 pt
  - Lambsquarters: P
  - Purslane: G
  - Common Ragweed: P
  - Pigweed: G
  - Smartweed: G
  - Galinsoga: P
  - Mustard: P
  - Nightshade: P
  - Chickweed: P
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: P
  - Barnyardgrass: P
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: P
  - Yellow Nutsedge: P
  - Canadian Thistle: P
  - Dandelion: P

- **Select Max** (clethodim): 9-16 fl oz
  - Lambsquarters: F
  - Purslane: P
  - Common Ragweed: G
  - Pigweed: G
  - Smartweed: P
  - Galinsoga: G
  - Mustard: G
  - Nightshade: P
  - Chickweed: P
  - Shepherds Purse: P
  - Velvetleaf: G
  - Wild buckwheat: G
  - Barnyardgrass: G
  - Crabgrass: G
  - Fall Panicum: G
  - Foxtail sp.: G
  - Quackgrass: G
  - Yellow Nutsedge: G
  - Canadian Thistle: G
  - Dandelion: P

### Post-Emergence (hooded middle row)
- **Aim EW** (carfentrazone): 0.8-1.6 fl oz
  - Lambsquarters: G
  - Purslane: G
  - Common Ragweed: G
  - Pigweed: G
  - Smartweed: P
  - Galinsoga: G
  - Mustard: F
  - Nightshade: G
  - Chickweed: F
  - Shepherds Purse: G
  - Velvetleaf: P
  - Wild buckwheat: P
  - Barnyardgrass: P
  - Crabgrass: P
  - Fall Panicum: P
  - Foxtail sp.: P
  - Quackgrass: P
  - Yellow Nutsedge: P
  - Canadian Thistle: P
  - Dandelion: P

---
<sup>a</sup>For general comparison only. Effectiveness may vary with method of application, rate, use of an adjuvant, size of weed, soil type and weather. See the 2015 Cornell Guidelines for Vegetable Production for more details. Always read and follow label directions.

<sup>b</sup>Eastern black nightshade only