

Statement of Purpose

The management practices, products, and cultivars discussed in this publication are the research- and experience-based recommendations of the institutions associated with the contributing editors and authors. These recommendations are not exhaustive and other practices and products not mentioned in this guide might also be effective. *Read and follow label instructions before using any pesticide product.*

What's New in 2017?

Highlights of Changes in This Edition

This year, we welcome Michigan growers and Michigan State University to the *Midwest Vegetable Production Guide* team. We are glad to add the expertise of MSU specialists. Contact information for Michigan specialists and agricultural-related offices and services are available throughout the guide.

New and Revised Sections

- We added a chapter for Celery — see page 88.
- We added a section called Selected University Laboratory Services (page 46), which includes contact information for each state.
- We revised the organic section to list certifiers on a regional basis.
- We updated the entire Soil Fertility and Nutrient Management section (pages 12-23).

Disease Management

- We updated the Disease Management section (pages 69-77).
- We updated the Orondis® products (Ultra, Opti, and Gold) in the Cucurbit Crops and Fruiting Vegetable chapters.

- The Luna® products Experience and Sensation have had label expansions to include all cucurbits.
- We updated product rating tables in the Cucurbit Crops and Fruiting Vegetables chapters.
- The powdery mildew on tomato section contains updates with several products.

Weed Management

- We added Spartan 4F® and Spur 3L® to the Asparagus chapter.
- The Cole Crops and Fruiting Vegetables chapters now include Prowl H2O® and Stinger®.
- For pumpkins, we added Reflex® for Illinois and Michigan growers only.
- The Fruiting Vegetables chapter now includes Devrinol 50DF-XT®.

Insect Management

- The Asparagus chapter includes several new insect pests.
- We added thresholds for thrips control and insecticide use to the Dry Bulb and Green Bunching Onion, Garlic, and Leek chapter.
- The Cucurbit Crops, Legumes, and Potato chapters include new uses for Sivanto®.
- We added Venom 70SG® to the Cucurbit Crops chapter.
- The Cole Crops and Potato chapters now include Belay 2.13 SC®.
- We removed Synapse® from the guide.
- The registration for Closer® was voided in the summer of 2016, so all recommendations for this product were removed from this guide. However, the registration was restored just before this guide was published. Check the pesticide label for its availability for use on your crops.