

## 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 2018?

### ***New and Revised Sections***

- For this year's guide, we created three new tables — Selected Information About Recommended Insecticides (page 54), Herbicides (page 69), and Fungicides (page 79). These tables include information about all pesticides recommended in this guide including their common names, trade names and formulations, signal words and restricted use status, mode of action information, greenhouse use status for fungicides and insecticides, and the leaching/run-off potential for herbicides.
- We removed the specific tables for greenhouse use and fungicide FRAC or mode of action and replaced them with the more comprehensive tables described above.
- We extensively revised the Plant-parasitic Nematode Management section.
- We modified the Pesticide Application Record form (page 38) to observe current regulations.
- We modified several variety recommendations, including the sweet potato section.

### ***Disease Management***

- In the Cucurbit Crops chapter, we expanded the seed treatment section.
- In the Cucurbit Crops chapter, we modified the recommended fungicides for downy mildew.
- We added Velum Prime® for powdery mildew management (see the Cucurbit Crops chapter) and root-knot nematode (see Plant-parasitic Nematode Management).
- In the Fruiting Vegetables chapter, we added Regalia® for management of bacterial spot and speck.
- In the Cucurbits chapter, we added Elumin® for downy mildew and Phytophthora blight control. And in the Fruiting Vegetables chapter, we added Elumin® for Phytophthora blight control in eggplant and pepper.

### ***Weed Management***

- In the Asparagus chapter, we added Command 3ME® for preemergence use and Aim EC® for postemergence broadleaf control.
- In the Fruiting Vegetables chapter, we added League® for preemergence broadleaf control.

### ***Insect Management***

- In the Dry Bulb and Green Bunching Onion, Garlic, and Leek chapter, we added Supresto® for thrips management.
- In the Cucurbit Crops and Fruiting Vegetables chapters, we added Kanemite 15SC® for mite management.