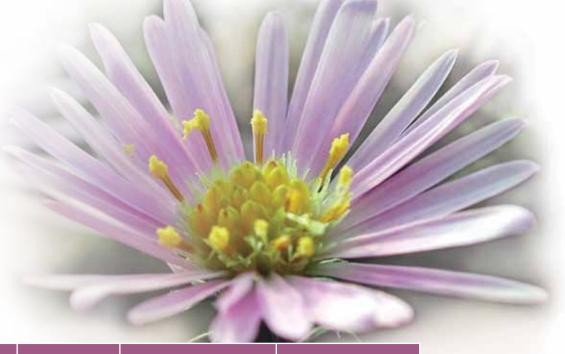
THIS MONTH IN DISEASES

## aster

By A.R. Chase and Margery Daughtrey



Disease	Pathogen	Stage of crop	Best cultural controls	Best product controls, based mainly on Chase Research trials
Alternaria leaf spot	Alternaria spp.	Anytime	Keep leaves as dry as possible; avoid overhead irrigation.	Daconil Ultrex (before flowering starts), Chipco 26019, Medallion (or Palladium) and strobilurins
Botrytis blight and stem rot	Botrytis cinerea	Any time from emergence to finishing (leaves, stems and flowers)	Manage irrigation; avoid wounding; don't grow plants under hanging baskets that drop petals.	Daconil Ultrex (before flowering starts), Chipco 26019, Medallion (or Palladium), Decree and Pageant
Crown gall	Agrobacterium tumefaciens	Anytime	Scout regularly, avoiding wounding and discard symptomatic plants and associated media; disinfest pots.	None known.
Downy mildew	Basidiophora entospora, mostly	Anytime	Avoid high humidity in crop by using spacing and fans. Do not irrigate during night.	Stature, Adorn, phosphonates (like Aliette), Segway, Sub- due MAXX, FenStop and Micora
Phytophthora stem rot	Phytophthora spp.	Early and mid-season production	Use pathogen-free bulbs, do not re-use potting media, trays or pots.	Stature, Segway, phosphonates (like Aliette), and the stro- bilurin group, includ- ing FenStop
Rust	Puccinia and Coleosporium spp.	Mid to late season	Avoid high humidity in crop by using spacing and fans. Do not irrigate overnight.	Sterol inhibitors (like Eagle and Strike), strobilurins (like Heritage and Pageant) and mancozebs (like Protect)
Tospovirus	TSWV (Tomato spotted wilt virus) or INSV (Impatiens necrotic spot virus)	Finishing	Discard plants with virus symptoms. Control thrips in crop and weeds.	None available.

In this issue, we present a summary of diseases that occur in asters. Remember: **Product con**trols are based on research trials and do not reflect an endorsement of any sort.

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