


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	<i>Alternaria</i> spp.	Anytime	Keep leaves as dry as possible; avoid overhead irrigation.	Daconil Ultrex (before flowering starts), Chipco 26019, Medalion (or Palladium) and strobilurins
	Botrytis blight and stem rot	<i>Botrytis cinerea</i>	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, Medalion (or Palladium), Decree and Pageant
	Crown gall	<i>Agrobacterium tumefaciens</i>	Anytime	Scout regularly, avoiding wounding and discard symptomatic plants and associated media; disinfect pots.	None known.
	Downy mildew	<i>Basidiophora entospora</i> , mostly	Anytime	Avoid high humidity in crop by using spacing and fans. Do not irrigate during night.	Stature, Adorn, phosphonates (like Aliette), Segway, Subdue MAXX, FenStop and Micora
	Phytophthora stem rot	<i>Phytophthora</i> 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 strobilurin group, including FenStop
	Rust	<i>Puccinia</i> and <i>Coleosporium</i> 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 mancozeb (like Protect)
	Tospovirus	TSWV (Tomato spotted wilt virus) or INSV (<i>Impatiens necrotic spot virus</i>)	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 controls are based on research trials and do not reflect an endorsement of any sort.

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