

this month in diseases

osteospermum

By A.R. Chase and Margery Daughtrey



	Disease	Pathogen	Stage of crop	Best cultural controls	Best product controls, based mainly on Chase Research trials
	Anthracnose	<i>Colletotrichum gloeosporioides</i>	Young plants	Irrigation management and removing diseased plants	Strobilurins and thiophanate-methyl have helped on other crops.
	Botrytis blight and stem rot	<i>Botrytis cinerea</i>	Any time from plug production to finishing	Irrigation management; avoid crowding pots.	Daconil Ultrex (before flowering starts), Chipco 26019, Decree, Medallion (or Palladium) and Pageant.
	Downy mildew	<i>Bremia lactucae</i> and <i>Plasmopara halstedii</i>	All stages of production	Do not irrigate overnight, space plants and scout regularly.	Phosphonates (like Aliette), Stature and strobilurins (like Heritage and Insignia).
	Erwinia meltdown	<i>Pectobacterium</i> and <i>Dickeya</i> spp. bacteria	During rooting only	Good sanitation practices. Also manage irrigation and keep cuttings turgid until they root.	Streptomycin sulfate (AgriMycin) and KleenGrow have helped on other crops.
	Phytophthora stem rot	<i>Phytophthora</i> spp.	Early and mid-season production	Use pathogen-free cuttings; do not re-use potting media, trays or pots.	Stature SC, phosphonates (like Aliette), Segway and FenStop.
	Rhizoctonia root and stem rot	<i>Rhizoctonia solani</i>	All stages of production	Use well-draining, new potting media; manage water carefully; use new pots.	Medallion, thiophanate methyl (like 3336), strobilurins (like Heritage) and Veranda O as a spray or drench.
	Sclerotinia blight	<i>Sclerotinia sclerotiorum</i>	Anytime from sticking through finishing	Discard infected plants as soon as they are found.	Pageant is especially helpful on this disease (other crops).

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

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