





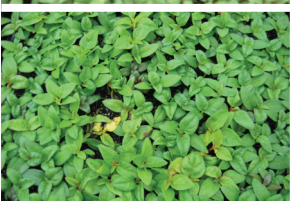


THIS MONTH IN DISEASES

celosia



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 alternata</i> and other species	Can occur in plug trays but usually finishing and landscape	Use pathogen-free seeds and avoid overhead irrigation.	Daconil Ultrex, strobilurins (like Compass O, Heritage and Insignia)
	Botrytis stem rot	<i>Botrytis cinerea</i>	Following transplant	Avoid rough handling at transplant; control fungus gnats and do not overwater.	Chipco 26019, Decree, fludioxonil (Medallion or Palladium), Daconil (before flowering) or Pageant
	Cold damage	Low temperatures that don't cause necrosis	Any stage	Try to keep production temperatures adequate and protect from frost in the landscape.	None
	High soluble salts injury	Harmful salts concentration in media	Mid-production	Use appropriate fertilizer concentration and check salts levels periodically.	None
	Pythium root rot	<i>Pythium</i> spp.	Anytime in production or the landscape	Avoid using potting medium with poor drainage and don't overwater or over-fertilize.	Subdue MAXX (resistance is possible), Segway and etridiazole (like Banrot, Truban and Terrazole)
	Rhizoctonia damping-off	<i>Rhizoctonia solani</i>	Plug production mainly	Practice careful sanitation; use new potting media and pots.	Medallion, 3336, and strobilurin (like Heritage) sprench
	Xanthomonas leaf spot	<i>Xanthomonas</i> sp.	All stages of production	Use pathogen-free seeds and avoid overhead irrigation.	Copper (like Camelot, CuPro and Phytan 27), Cease and KleenGrow

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

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