
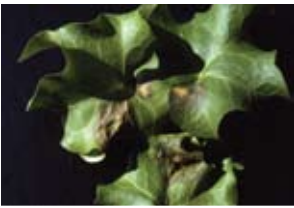








this month in diseases

# hedera

By A.R. Chase and Margery Daughtrey



	Disease	Pathogen	Stage of crop	Best cultural controls	Best product controls, based mainly on Chase Research trials
	Anthrachnose	<i>Colletotrichum gloeosporioides</i>	Any stage	Avoid overhead irrigation — keep leaves dry. Rogue out.	Pageant, Phyton 27 and Spectro
	Botrytis blight	<i>Botrytis cinerea</i>	During propagation	Avoid excessive misting; remove infected cuttings to prevent new infections.	Chipco 26019, Daconil Ultrex, Decree, Medallion and Pageant
	Phytophthora stem rot	<i>Phytophthora palmivora</i>	Late production	Use pathogen-free plugs, new pots and new potting media, don't overwater.	Subdue MAXX (resistance is possible), Terrazole (or Truban), Phosphonates (like Aliette) and Stature
	Phytotoxicity	Streptomycin sulfate	Anytime	None	Avoid use of bactericides containing streptomycin sulfate on sensitive cultivars
	Pythium root rot and blight	<i>Pythium</i> spp.	Primarily late in production	Use new pots and potting media; use a well-drained growing mix and do not over-water or over-fertilize.	Drench with etridiazole (Terrazole, Truban—or in Banrot), Segway, or Subdue MAXX (resistance is possible).
	Rhizoctonia damping-off	<i>Rhizoctonia solani</i>	Anytime in propagation or production	Use new flats and potting medium.	Medallion, thiophanate methyl (like 3336 or OHP6672), and strobilurin (like Heritage or Insignia) as a sprench
	Sclerotinia blight	<i>Sclerotinia</i> sp.	Late spring near finishing	Avoid over-crowding.	Pageant has been the most effective on other crops.
	Xanthomonas leaf spot	<i>Xanthomonas hortorum</i> pv. <i>hederae</i>	Anytime in propagation and production	Irrigate when leaves will dry quickly.	Copper (like Camelot, Camelot O, CuPRO and Phyton 27) alternated with Cease. Copper resistance is possible.

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

— A.R. Chase is president and pathologist of Chase Horticultural Research, Inc. and can be reached at [archase@chaseresearch.net](mailto:archase@chaseresearch.net). Margery L. Daughtrey is senior extension associate at Cornell University's Long Island Horticultural Research & Extension Center and can be reached at [mld9@cornell.edu](mailto:mld9@cornell.edu).