






this month in diseases

lisianthus

By A.R. Chase and Margery Daughtrey



	Disease	Pathogen	Stage of crop	Best cultural controls	Best product controls, based mainly on Chase Research trials
	Algae	Various green algae	Plugs	Avoid excessive water and fertilization.	Algaecides should be tested for safety to seeds. Xeroton 3 or copper fungicides have been somewhat effective on other plugs.
	Botrytis blight and stem rot	<i>Botrytis cinerea</i>	Anytime from plug production to finishing	Manage irrigation; don't grow plants under hanging baskets that drop petals.	Daconil Ultrex (before flowering starts), Chipco 26019, Decree, Medallion, Palladium and Pageant
	Fusarium crown rot	<i>Fusarium solani</i> , <i>F. avenaceum</i> and <i>F. oxysporum</i>	Anytime from plug production to finishing	Avoid overly deep transplanting; control fungus gnats (vectors).	Medallion, Heritage (or Insignia) and Terraguard have been effective on other crops.
	Powdery mildew	<i>Leveillula taurica</i>	Occasionally found late during finishing	Scout regularly and maintain spacing.	Sterol inhibitors (like Eagle/Hoist) and strobilurins (like Compass O, Cygnus and Insignia)
	Pythium root rot	<i>Pythium</i> spp.	Plugs and finishing in spring mainly	Avoid excess nitrogen fertilization and irrigation; use a well-drained mix.	Etridiazole (Banrot, Truban, Terrazole), Subdue MAXX (beware of resistance) and Segway
	Sclerotinia blight	<i>Sclerotinia sclerotiorum</i>	Finishing in spring mainly	Maintain spacing for good air movement.	Chipco 26019, Decree, Medallion and Pageant
	Viruses	INSV and TSWV	Early production to finishing	Control thrips; rogue symptomatic plants.	None available; manage thrips and remove weed/crop reservoirs of virus.

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

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