








## THIS MONTH IN DISEASES

## dahlia

By A.R. Chase and Margery Daughtrey



	Disease	Pathogen	Stage of crop	Best cultural controls	Best product controls, based mainly on Chase Research trials
	<b>Alternaria leaf spot</b>	<i>Alternaria</i> spp.	All stages	Avoid overhead irrigation.	Daconil Ultrex, strobilurins (like Compass O, Heritage and Pageant)
	<b>Bacterial blight</b>	<i>Pectobacterium carotovorum</i> (= <i>Erwinia carotovora</i> )	Primarily late in production, in hot weather	Control boring insects and discard infected plants.	None are known to be effective on this crop.
	<b>Botrytis canker</b>	<i>Botrytis cinerea</i>	Any time from plug production to finishing	Manage water to keep leaves dry as much as possible.	Daconil Ultrex (before flowering starts), Chipco 26019, Decree, Medallion (or Palladium) and Pageant.
	<b>DMV</b>	Dahlia Mosaic Virus	All stages	Discard symptomatic plants	None are known to be effective.
	<b>Powdery mildew</b>	<i>Golovinomyces cichoracearum</i> , <i>G. orontii</i> , <i>Erysiphe polygoni</i> , and a few others.	Occasionally found late during finishing	Scout regularly and maintain spacing to promote drying.	Sterol inhibitors (like Eagle/Hoist) and strobilurins (like Compass O, Cygnus and Pageant)
	<b>Pythium root rot</b>	<i>Pythium</i> spp.	Plugs and finishing in spring mainly	Avoid excess nitrogen fertilization and use a well drained mix.	Etridiazole (Banrot, Truban, Terrazole), Subdue MAXX (beware of resistance) and Segway
	<b>TSWV</b>	Tomato Spotted Wilt Virus	Early production to finishing	Control thrips; rogue symptomatic plants	None available; manage thrips and remove weed/crop reservoirs of virus.
	<b>White Smut</b>	<i>Entyloma dahliae</i> and <i>E. doebbeleri</i>	Starts in spring but may not be noticed until summer	Eliminates leaf debris to prevent a recurrence and minimize leaf wetness.	Materials effective against rust diseases may help against smuts.

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

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