

Table 7. Relative disease susceptibility and sulfur, and copper sensitivity among grape cultivars.

The relative ratings in this chart apply to an average growing season under conditions usually favorable for disease development. Any given cultivar may be more severely affected.

Cultivar	Susceptible or sensitive to:									
	BR	DM	PM	Bot	Phom	Eu	CG	ALS	Sul ¹	Cu ²
Aurore	+++	++	++	+++	+	+++	++	+++	No	++
Baco Noir	+++	+	++	++	+	++	+++	++	No	?
Cabernet Franc	+++	+++	+	?	?	+++	?	No	?	
Cabernet Sauvignon	+++	+++	+++	+	+++	+++	+++	?	No	+
Canadice	+++	++	+	++	?	?	++	++	?	?
Cascade	+	+	++	+	++	++	+	?	No	?
Catawba	+++	+++	++	+	+++	+	+	+	No	++
Cayuga White	+	++	+	+	+	+	++	++	No	+
Chambourcin	+++	++	+	++	?	?	++	?	Yes	?
Chancellor	+	+++	+++	+	+++	+	+++	+++	Yes	+++
Chardonnay	++	+++	+++	+++	+++	++	+++	++	No	+
Chelois	+	+	+++	+++	+++	+++	++	+++	No	+
Concord	+++	+	++	+	+++	+++	+	+	Yes	+
Cynthiana/Norton	+	++	+	+	+	?	+	?	Yes	?
DeChaunac	+	++	++	+	+++	+++	++	+++	Yes	+
Delaware	++	+++ ³	++	+	+++	+	+	+	No	+
Dutchess	+++	++	++	+	++	+	++	+	No	?
Elvira	+	++	++	+++	+	+	++	++	No	++
Einset Seedless	+++	++	+++	+	?	?	+	?	?	?
Foch	++	+	++	+	?	+++	+	+	Yes	?
Fredonia	++	+++	++	+	++	?	+	+	No	?
Gewürztraminer	+++	+++	+++	+++	?	?	+++	+	No	+
Himrod	++	+	++	+	?	?	?	+	No	?
Ives	+	+++	+	+	?	++	+	+	Yes	?
Limberger	+++	+++	+++	+	?	+++	+++	?	No	?
Maréchal Foch	++	+	++	+	?	+++	?	+	Yes	?
Melody	+++	+	+	?	?	?	?	No	?	
Merlot	++	+++	+++	++	+	+++	+++	?	No	++
Moore's Diamond	+++	+	+++	++	?	++	?	?	No	?
Muscat Ottonel	+++	+++	+++	++	?	+++	+++	?	No	?
Niagra	+++	+++	++	+	+++	+	++	+	No	+
Pinot gris	+++	+++	+++	++	?	+++	+++	?	No	?
Pinot Meunier	+++	+++	+++	+++	?	+++	+++	?	No	?
Pinot blanc	+++	+++	+++	++	?	?	+++	?	No	+
Pinot noir	+++	+++	+++	+++	?	?	+++	+	No	+
Reliance	+++	+++	++	+	++	?	?	?	No	+
Riesling	+++	+++	+++	+++	++	++	+++	+	No	+
Rosette	++	++	+++	+	++	++	++	++	No	+++
Rougeon	++	+++	+++	++	+++	+	++	+++	Yes	+++
Sauvignon blanc	+++	+++	+++	+++	?	?	+++	?	No	+
Seyval	++	++	+++	+++	++	+	++	++	No	+
Steuben	++	+	+	+	?	?	+	++	No	?
Vanessa	+++	++	++	+	+	?	+	?	?	?
Ventura	++	++	++	+	+	?	+	+++	No	?
Vidal blanc	+	++	+++	+	+	+	++	+	No	?

Vignoles	+	++	+++	+++	++	++	++	++	No	?
Villard noir	?	+	+++	+	?	?	?	?	?	?

Key to susceptibility or sensitivity: BR=black rot; DM=downy mildew; PM=powdery mildew; Bot=Botrytis; Phom=Phomopsis; Eu=Eutypa; CG=crown gall; ALS=angular leaf scorch; Sul=sulfur; Cu=copper.

Key to ratings: +=slightly susceptible or sensitive; ++=moderately susceptible or sensitive; +++=highly susceptible or sensitive; No=not sensitive; Yes=sensitive; ?=relative susceptibility or sensitivity not established.

¹ Slight to moderate sulfur injury may occur even on tolerant cultivars when temperatures are 85 degrees or higher during or immediately following the application.

² Copper applied under cool, slow-drying conditions is likely to cause injury.

³ Berries not susceptible.