

GRAPES

Table 2. Relative susceptibility to disease and sulfur and copper sensitivity of grape varieties. (The ratings¹ apply to an average growing season under conditions favorable for disease development. Any given cultivar may be more severely affected).

| | Black Rot | Downy Mildew | Powdery Mildew | Phomopsis | Botrytis | Anthrax-nose | Eutypa | Crown gall | Sulfur Sensitive ³ | Copper Sensitive ⁴ |
|--------------------|-----------|------------------|----------------|-----------|----------|--------------|--------|------------|-------------------------------|-------------------------------|
| Aurore | +++ | ++ ² | +++ | ++ | +++ | ? | +++ | ++ | No | ++ |
| Baco Noir | +++ | + | ++ | + | ++ | ? | ++ | ++ | No | ? |
| Cabernet Franc | +++ | +++ | +++ | ? | + | ? | ? | +++ | No | + |
| Cabernet Sauvignon | +++ | +++ | +++ | +++ | + | ? | +++ | +++ | No | + |
| Canadice | +++ | ++ | + | ? | ++ | + | ? | ++ | No | ? |
| Cascade | + | + | ++ | ++ | + | ? | ++ | + | No | ? |
| Catawba | +++ | +++ | ++ | +++ | + | ? | + | + | No | ++ |
| Cayuga White | + | ++ | + | + | + | ? | + | ++ | No | + |
| Chambourcin | +++ | ++ | + | ? | ++ | ? | ? | ++ | Yes | ? |
| Chancellor | + | +++ | +++ | +++ | + | ? | + | ++ | Yes | +++ |
| Chardonnay | +++ | +++ | +++ | +++ | +++ | ? | ++ | +++ | No | + |
| Chelois | + | + | +++ | +++ | +++ | ? | +++ | ++ | No | + |
| Concord | +++ | + | ++ | +++ | + | + | +++ | + | Yes | + |
| DeChaunac | + | ++ | ++ | +++ | + | ? | +++ | ++ | Yes | + |
| Delaware | ++ | +++ ² | ++ | +++ | + | ? | + | + | No | + |
| Dutchess | +++ | ++ | ++ | ++ | + | ? | + | ++ | No | ? |
| Elvira | + | ++ | ++ | + | +++ | ? | + | + | No | ++ |
| Einset Seedless | +++ | +++ | ++ | ? | + | ? | ? | + | ? | ? |
| Foch | ++ | + | ++ | ? | + | ? | +++ | + | Yes | ? |
| Fredonia | ++ | +++ | ++ | ++ | + | ? | ? | + | No | ? |
| Gewürtztraminer | +++ | +++ | +++ | ? | +++ | ? | ? | +++ | No | + |
| Himrod | ++ | + | ++ | ? | + | ? | ? | ? | No | ? |
| Ives | + | +++ | + | ? | + | ? | ++ | + | Yes | ? |
| Limberger | +++ | +++ | +++ | ? | + | ? | +++ | +++ | No | ? |
| Marechal Foch | ++ | + | ++ | ? | + | ? | +++ | ? | Yes | ? |
| Marquis | ? | +++ | ? | + | ? | +++ | ? | ? | ? | ? |
| Mars | ? | +++ | ? | + | ? | +++ | ? | ? | ? | ? |
| Melody | +++ | ++ | + | ? | + | ? | ? | + | No | ? |
| Merlot | ++ | +++ | +++ | + | ++ | ? | +++ | +++ | No | ++ |
| Moore's Diamond | +++ | + | +++ | ? | ++ | ? | ++ | ? | No | ? |
| Muscat Ottonel | +++ | +++ | +++ | ? | ++ | ? | +++ | +++ | No | ? |
| Niagara | +++ | +++ | ++ | +++ | + | ++ | + | ++ | 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 | ? |
| Verdelet | + | ? | ? | ? | + | ? | ? | ? | No | ? |
| Vidal 256 | + | ++ | +++ | + | + | ? | + | ++ | No | + |
| Vignoles | + | ++ | +++ | +++ | +++ | ? | ++ | ++ | No | ? |
| Villard noir | ? | + | +++ | ? | + | ? | ? | ? | ? | ? |

¹+ = slightly susceptible or sensitive, ++ = moderately susceptible or sensitive, +++ = very susceptible or sensitive. ? = relative susceptibility not established.

²Berries are not susceptible.

³Sulfur injury can occur on tolerant varieties when temperatures of 85° or higher occur during or immediately after application.

⁴Copper applied under cool, slow-drying conditions is likely to cause injury.

Most of the data in this table were obtained from the New York Cooperative Extension Service.