

## List of general use fungicides for common grape diseases for backyard gardeners

(These products should be available at home garden centers or online stores.)

Disease name	Bordeaux mixture*	Captan	Liquid copper	Ferbam*	Lime sulfur	Mancozeb	Myclobutanil	Neem Oil	Phosphorus acid	Potassium bicarbonate	Sulfur
Phomopsis	?	x			x	x					
Black Rot	x		?	x	x	x	x	?			
Downy mildew	x	x	x		x	x			x		
Powdery Mildew	x		x				x	x		x	x
Botrytis	?	x	?			x					
Anthracnose	x		x		x	x	x				
Rust											x

x = have some efficacy against the disease (results may vary)

? = may have some efficacy

\* = may not be available any more

**Examples of product name** (updated 6/26/12, Names in bold are confirmed their availability as of 2012)

- Bordeaux mixture: Gordon's (Acme) Bordeaux Mixture, Dragon Bordeaux Mix (For most of the purpose, you can use copper instead of Bordeaux mixture.)
- Captan: **Bonide Captan 50% WP (do not mix with oil!!)**, Gordon's **Liquid Fruit Tree Spray (note: it includes insecticide, do not mix with oil!)**
- Liquid copper: **Bonide Liquid Copper Fungicide**, **Monterey Liqui-Cop**, **Natural Guard Copper Soap (note: some varieties are sensitive to copper)**
- Ferbam: Dragon Ferbam Wettable Fungicide
- Lime sulfur: **Bonide Lime Sulfur Spray**, **Hi-Yield Improved Lime Sulfur Spray**
- Mancozeb: **Bonide Mancozeb Flowable with Zinc**
- Myclobutanil: **Spectracide Immunox** (not Immunox plus which has an insecticide)
- Neem oil, and other oil products: **Organic lab. Organocide (soybean oil)**, **Green Light organic fungicide (Rosemary Oil)**, **Monterey Neem oil 70% (note: do not mix with sulfur!)**
- Phosphorous acid (Phosphonate): **Organic Lab. Exel LE**, **Monterey Agri-Fos** (It is better not to mix with a copper fungicide)
- Potassium bicarbonate (similar to baking soda): **Monterey Bi-Carb old fashioned fungicide**
- Sulfur: **Bonide Sulfur Plant Fungicide (note: do not mix with oil! Also, some varieties are sensitive to sulfur)**

**Note: Some of over the counter products contain other pesticides such as an insecticide, which you may or may not need. Please make sure to read the label.**