

## Suggested Spray Program for Grapes

Stage of growth	Fungicide	Target Disease
Early (April-May) (start at ½-1 inch, 3-5 inch, 8-10 inch shoots, then each 7-10 days until fruit set) 4 or 5 sprays	Mancozeb (1.5 lb per 25 gpa early, increasing rate and volume as you go)	Phomopsis (black rot, downy mildew)
Mid (May-June) (immediate pre-bloom, bloom, and 2-3 times more at 10-14 days) 3 or 4 sprays that are critical for fruit rot control	Mancozeb plus DMI or One of the strobies Rotate as needed Mancozeb has 66 day PHI	Black rot (Phomopsis, downy and powdery mildew)
Later (July-August) (14-21 days after last spray, depending on rainfall)	Captan, Ziram or phos acid plus DMI, or one of the strobies or combos Sevin	Downy and powdery mildew on foliage  Japanese beetles
Post veraison (August-September)	Pristine Mustang Max	Especially on rot prone varieties (fruit flies)
Post harvest	Several options	Downy and powdery mildew if present

DMI = demethylation inhibitor fungicide such as Bayleton, Mettle, Procure, Rally, Tebuzol, etc.

Strobie = strobilurin fungicide such as Sovran, Abound, Pristine

Combo fungicides = Adament, Inspire Super, Luna Experience, Pristine, Quadris Top, Revus Top

For a complete spray program, see the Midwest Fruit Pest Management Guide (ID-465) at:

[https://ag.purdue.edu/hla/hort/pages/sfg\\_sprayguide.aspx](https://ag.purdue.edu/hla/hort/pages/sfg_sprayguide.aspx)

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