

## Sample disease management program for Concord

(High susceptibility to Phomopsis (PH) if cordon-pruned; moderate susceptibility to powdery mildew (PM); high susceptibility to black rot (BR); low susceptibility to downy mildew (DM) and Botrytis (BOT); some susceptibility to anthracnose (ANTH) depending on location and climate)

growth stage	material and rate	target pests	notes
3-5" shoots	3 lb. mancozeb	PH	mancozeb sprays aimed at PH will likely provide adequate control of ANTH
10-12" shoots	3 lb. mancozeb 4 oz. tebuconazole	BR, DM, PH PM, BR, ANTH	
pre-bloom	4 lb. mancozeb 4 oz. Quintec 1.5% Stylet Oil	BR, DM, PH PM PM	protectant eradicant
first post-bloom (no more than 14 days after the pre-bloom)	4 lb. Ziram 10 oz. Vivando	BR, PH PM	for a variety more susceptible to DM, Captan or Mancozeb would be better choices than Ziram
second post-bloom (14 days later)	11 oz. Abound	PM, BR, DM, some PH	
cover spray (2-4 weeks later)	2.5 pint Champ	DM, some BR, some PM	this spray not always necessary depending on disease pressure and crop load

Note: For growers with small acreage, a more simple spray program might use a mancozeb product in every spray (up to 6 sprays at the maximum use rate, but not within 66 days prior to harvest), and include a sterol inhibitor (SI or DMI fungicide) such as tebuconazole, Rally, Mettle, or Revus Top (note varietal restrictions for the use of Revus Top) beginning at the 10-12" shoot spray, alternated with Abound in subsequent sprays:

3-5" shoots	3 lb. mancozeb	
10-12" shoots	3 lb. mancozeb 4 oz. tebuconazole, 4-5 oz. Rally, 3-5 oz. Mettle, or 7 fl. oz. Revus Top	
pre-bloom	4 lb. mancozeb 11-15 fl. oz. Abound	
post-bloom	4 lb. mancozeb 4 oz. tebuconazole, 4-5 oz. Rally, 3-5 oz. Mettle, or 7 fl. oz. Revus Top	
second post-bloom	4 lb. mancozeb 11-15 fl. oz. Abound	