PUTTING IT ALL TOGETHER
NY CONTROL PROGRAMS: BUD BREAK UNTIL 2 wk PREBLOOM

- Phomopsis
  - Protectant fungicide once clusters emerge

- Powdery mildew
  - V. vinifera only
  - Sulfur, DMI, or "alternative" fungicide
    - Eradicant activity of salts, oils, (and sulfur?) can help delay the start of an epidemic

- (Anthracnose--where it occurs)
  - Lime sulfur at delayed dormant
NY CONTROL PROGRAMS: 2 WEEKS PREBLOOM

- **Powdery mildew**
  - *V. vinifera* and susceptible hybrids
  - Sulfur, DMI, or "alternative" fungicide

- **Black rot**
  - Only if significant last yr (inoculum)

- **Downy mildew**
  - Highly susceptible varieties, esp. if wet/ inoc.

- **Phomopsis**
  - Problem and/or very wet
NY CONTROL PROGRAMS: IMMEDIATE PREBLOOM and +2 wk

- **Powdery mildew**
  - Critical; Best material
- **Black rot**
  - Critical; Best material
- **Downy mildew**
  - Critical; Highly effective material
- **Phomopsis**
  - Potential if very wet; mancozeb or strobilurin(?)
- **Botrytis**
  - Potential, esp. highly susceptibles: strobilurins?
NY CONTROL PROGRAMS: 4 wk POSTBLOOM (transitional period)

- Weather, variety, current control major factors
  - Determine if/ what to spray
- Berry susceptibility decreasing rapidly (PM, DM, BR, Phomopsis)
- Foliage requires PM protection
- Foliage will require DM protection when wet
- Botrytis *may* be important (bunch closure)
- Phomopsis finished
CONTROL PROGRAMS: MIDSUMMER

- **Powdery mildew**
  - Foliage (and fruit) require maintenance through veraison
  - Sulfur, "alternatives"

- **Downy mildew**
  - Foliar control *may* be needed (scout, weather)
  - More decision-making info is needed
  - Copper, captan, phosphite