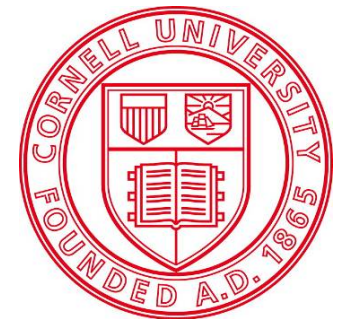


LOF Petal Fall Disease Update



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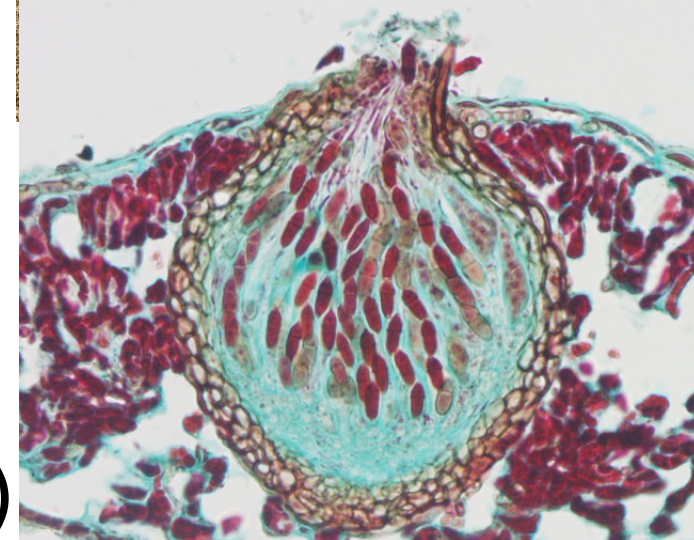


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Disease Update: Apple Scab

- The season started in late March with warm weather > became **cold** & until early May **hot** > alternating **warm** & **cold** weather
- Major Infection periods
 - 3-28 to 3-31, too cold
 - 4-13 to 4-14: 1-2% ejection
 - 4-30 to 5-1: 20-30% ejection
 - 5-28 to 5-30: 15-30% ejection (final release)



Disease Update: Apple Scab

- 6-7 apple scab periods to date: remain vigilant w/early covers (apple scab & marssonina leaf spot)
 - Burst of heat this week may have killed conidia from early infections: > 3days of 85F weather
- Observations: No apple scab, but primary powdery mildew in Geneva
- Merivon, Luna Sensation Tranquility, Miravis, Excalia, Cevya (Apple scab, Mildew, & others)



Disease Update: Fire Blight

- Spike of warm weather in early May propelled orchards to pink around May 11th
- We hit the height of bloom quickly around 5-20 5-23, which quickly toward petal fall with the warm weather



Disease Update: Fire Blight

- The early season from pink to king bloom was low to questionable risk
 - MB or EIP > provided confusing predictions
- Extreme risk weather: may 23rd to June 1
- Heat and rain may accelerate growth
 - Susceptible vigorous blocks: Minimum cumulative 6 oz/100 gal PhCa (Add up all the oz of PhCa in apps \geq 6 oz/100)
 - SARS: Actigard, Lifeguard, & Regalia

