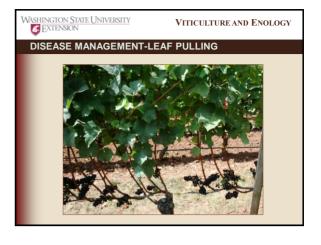
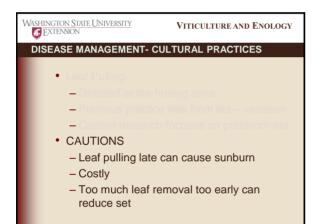


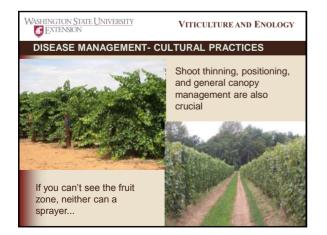
WAS	HINGTON STATE UNIVERSITY EXTENSION VITICULTURE AND ENOLOGY
D	ISEASE MANAGEMENT- CULTURAL PRACTICES
	<ul> <li>Drip vs. mist vs. overhead irrigation</li> <li>Canopy manipulation can help!</li> <li>Reduce humidity, reduce drying time</li> </ul>
	<ul> <li>Ways to do this:</li> <li>Managing canopy vigor</li> <li>Shoot thinning (canopy density)</li> <li>Leaf pulling- timing and amounts</li> </ul>
	Open Canopy= Better spray deposition + air circulation + light penetration

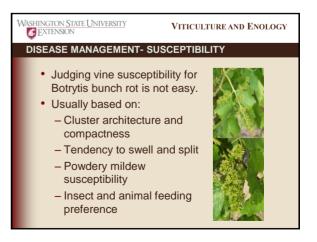
## VITICULTURE AND ENOLOGY DISEASE MANAGEMENT- CULTURAL PRACTICES • Leaf Pulling - Directed at the fruiting zone - Previous practice was from set – veraison - Current research focuses on prebloom-set



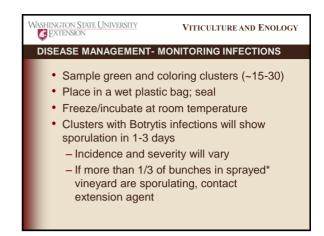








ISEASE MAN	AGEMENT-	SUSCEPTIBI	LITY
Susceptible	Moderately Susceptible	Low Susceptibility	
Chardonnay, Chenin blanc, Vignoles, Grenache, Pinot noir, Pinot gris,	Semillion*, Sangiovese, Vidal blanc	Cabernet sauvignon*, Merlot, Cabernet franc*	Question:
Riesling, Sauvignon blanc, Traminer, Barbera, Grenache, Petite syrah, Zinfandel, Seyval blanc, Baco noir,	The proble generaliza		What should you consider when selecting clones?
Semillion*, Cabernet sauvignon*, Cabernet franc*			



	ISEASE MANAGEMENT- FUNGICIDE CHOICES					
Class	Trade Name	Common Name	Resist. Risk	Туре		
Carboximide	Captan 50W P	Captan	Low	Protectant		
Anilinopyrimidine	Vangard	Cyprodinil	High	Protectant/postinfec.		
Anilinopyrimidine	Scala	Pyrimethanil	High	Protectant/postinfec.		
Dicarboximide	Rovral	Iprodione	High	Protectant/postinfect/ antispor.		
Strobilurin/ carboxin	Pristine	Pyraclostrobin/ boscalid	High	protectant/antispor.		
Strobilurin	Flint	Trifloxystrobin	High	Protectant; higher rate than for PM		
Carboxin	Endura	Boscalid	High	Protectant/postinfec; higher rate than PM		
Hydroxyanalide	Elevate 50WDG	Fenhexamid	Mod.	Protectant; some PM control, limit sprays		
Sterol inhibitor	Elite 45 DF	Tebuxonazole	Mod	Post-infect; antisporul.		

EASE MANAGEMENT- DUAL FUNGICIDES				
Class	Trade Name	Common Name	PM Rate (oz/A)	Bunch Rot Rate (oz/A)
Strobilurin/ carboxin	Pristine	Pyraclostrobin/ boscalid	1.5-2.0	3.0
Strobilurin	Flint	Trifloxystrobin	8.0- 10.5	12.5
Azole/ Anilinopyrimidine	Inspire Super	Difenoconazole/ cyprodinil	10	6-20

Class	Trade	Common	Resist.	Туре
Giass	Name	Name	Risk	
Copper		Copper hydroxide	Low	Protectant/postinfec. (slow drying condition increase injury risk)
Biologicals	Serenade Sonata	Bascillus subtilis Bacillus pumilis	Low ? Low ?	??



