

Location _____
 Date _____
 Time _____
 Weather _____

Grape Scouting Report

- Scout each vineyard block weekly and note the following growth stages, insects, and diseases
- Add or subtract grape varieties to match what is growing in your vineyard
- Each week, inspect different vines rather than returning to the same spot each time
- Compare this report to the biweekly scout reports published in the UW Fruit News: <http://fruit.wisc.edu>
 - Grape development stages in the Fruit News are reported from Madison and Sturgeon Bay, WI

Type of Grape	Variety	Developmental Stage / Visual Abnormalities
Red Wine Grapes	Frontenac	
	Frontenac Gris	
	Marquette	
	St. Croix	
	Petite Pearl	
White Wine Grapes	La Crescent	
	La Crosse	
	Brianna	
	St. Pepin	

* The Wisconsin Fruit News reports grape development stages using the modified Eichhorn-Lorenz (E-L) system: <http://door.uwex.edu/files/2010/10/ModifiedEichhornLorenzsystem.pdf>. Photos are also published for visual comparison.

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Insect Pest Scouting

Every week:

- For each cultivar, inspect 5 leaves and/or 5 berry clusters on 5 different vines throughout the vineyard
- When scouting look throughout the plant canopy, not just on the outer leaves
- Other insects that may be present include cutworms, mites/mite galls, leafhoppers, stink bugs and others
- Check the Fruit News for insects that are currently being found in the Madison or Sturgeon Bay research vineyards
 - Insect identification tools, management recommendations and treatment thresholds are published in various issues of the Fruit News

Variety	<u>Flea Beetle</u> (per 25 buds)	<u>Rose Chafer</u> (per 25 leaves)	<u>Japanese Beetle</u> (per 25 leaves)	<u>Phylloxera</u> (per 25 leaves)	<u>Asian Lady Beetle</u> (per 25 clusters)	<u>Wasps</u> (per 25 clusters)	Note beneficial insects
Frontenac							
Frontenac Gris							
Marquette							
St. Croix							
Petite Pearl							
La Crescent							
La Crosse							
Brianna							
St. Pepin							

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Disease Scouting

Every week:

- For each cultivar inspect 5 leaves or 5 berry clusters on 5 different vines throughout the vineyard
- Search throughout the plant canopy, not just on the outer leaves
- While scouting, visually scan vines to determine if there 'hotspots' or areas with a higher concentration of disease within the vineyard. Monitor those areas along with other random locations in future weeks
- In areas with high disease pressure, estimate the % of infection per vine. Compare these values to disease recommendations published in the Wisconsin Fruit News or other articles
 - Grape disease identification tools, management recommendations and treatment thresholds are published in various issues of the Fruit News

Variety	<u>Downy Mildew</u> (per 25 leaves and clusters)	<u>Black Rot</u> (per 25 leaves and clusters)	<u>Powdery Mildew</u> (per 25 leaves and clusters)	<u>Phomopsis</u> (per 25 leaves and clusters)	<u>Botrytis Bunch Rot</u> (per 25 leaves and clusters)	<u>Sour Rot</u> (per 25 clusters)	<u>Anthracnose</u> (per 25 clusters)
Frontenac							
Frontenac Gris							
Marquette							
St. Croix							
Petite Pearl							
La Crescent							
La Crosse							
Brianna							
St. Pepin							

Notes:

