

# Wine Grape Comparisons

Cultivar	<i>Frontenac</i>	<i>Frontenac gris</i>	<i>La Crescent</i>	<i>Marquette</i>	<i>Marechal Foch</i>	<i>Seyval Blanc</i>	<i>St. Croix</i>	<i>St. Pepin</i>
Origin	U of M	U of M	U of M	U of M	France	France	Elmer Swenson	Elmer Swenson
Winter Hardiness	Hardy	Hardy	Hardy	Hardy	Moderately Hardy	Tender	Moderately Hardy	Moderately Hardy
Downy Mildew	Resistant	Resistant	Susceptible	Moderately Resistant	Moderately Resistant	Moderately Susceptible	Moderately Susceptible	Susceptible
Powdery Mildew	Moderately Resistant	Moderately Resistant	Moderately Resistant	Moderately Resistant	Moderately Resistant	Moderately Resistant	Moderately Resistant	Moderately Resistant
Foliar Phylloxera	Susceptible	Susceptible	Susceptible	Moderately Susceptible	Moderately Resistant	Moderately Susceptible	Moderately Susceptible	Moderately Susceptible
Growth Habit	Intermediate	Intermediate	Sprawling	Intermediate	Sprawling	Upright	Sprawling	Sprawling
Bud Break	Early-Mid	Early-Mid	Early	Early	Early	Mid	Early-Mid	Mid
Yield Potential	Very High	Very High	High	High	Medium	Very High	High	Medium
Cluster Size	Medium	Medium	Medium	Small Medium	Small Medium	Large	Medium	Medium
Berry Size	Small	Small	Small	Small	Small	Small Medium	Small Medium	Small Medium
Average Harvest Date (HRC*)	September 28	September 29	September 30	September 19	September 22	September 29	September 16	September 22
Brix	24.7	25.7	25.2	25.7	22.5	20.4	19.6	22.5
Titrateable Acidity (g/l)	14.0	13.6	12.9	11.7	10.5	8.0	8.2	9.1
pH	3.05	3.03	3.02	2.99	3.05	3.02	3.15	3.15

\* HRC: University of Minnesota Horticultural Research Center, Chaska, MN



UNIVERSITY OF MINNESOTA  
**Driven to Discover**<sup>SM</sup>

[www.grapes.umn.edu](http://www.grapes.umn.edu)

