

Vineyard IPM Scouting Report for week of 27 August 2012
UW-Extension Door County and Peninsular Agricultural Research Station
Sturgeon Bay, WI

Grape quality measurements from grapes in the Wisconsin Varietal Trial located at the Peninsular Agricultural Research Station, Sturgeon Bay, Wisconsin. Quality parameters evaluated on 27 August 2012.

Variety	Soluble Solids	pH	TA
	°Brix		g/L
Brianna	17.4	3.06	8.89
Foch	14.4	2.76	21.00
Frontenac	17.6	2.83	24.10
La Crosse	11.7	2.78	17.10
La Crescent	18.6	2.89	22.80
Leon Millot	16.8	2.77	15.55
Marquette	16.2	2.83	20.53
MN 1200	18.5	2.66	13.41
MN 1220	16.2	3.07	14.06
Noiret	13.2	2.66	17.44
NY 76	13.0	2.72	19.08
Petite Pearl	16.4	2.75	13.08
Vignoles	16.5	2.76	22.45

Has it really been **hot** in 2012 ? — At PARS the number of growing degree days is similar to 2010 and 2011. See Table 1 below.

Table 1. The number of growing degree days at base 50 (GDD base 50) and the calendar dates for data presented in Table 2.

Year	GDD (base 50)	Calendar date of measurement
2010	2110	8.30.2010
2011	1924	8.30.2011
2012	1980	8.27.2012

Table 2. Soluble solids (°Brix), pH, and TA (g/L) for selected varieties in the Wisconsin Grape Varietal Trial at the Peninsular Agricultural Research Station in 2010 to 2012.

Variety	Soluble Solid (°Brix)			pH			TA (g/L)		
	Year			Year			Year		
	2010	2011	2012	2010	2011	2012	2010	2011	2012
Brianna	17.5	15.2	17.4	-	3.01	3.06	-	13.75	8.89
Foch	18.7	-	14.4	-	-	2.76	-	-	21.00
Frontenac	17.9	-	17.6	-	-	2.83	-	-	24.10
La Crescent	19.2	-	18.6	-	-	2.89	-	-	22.80
La Crosse	13.9	11.2	11.7	-	2.78	2.78	-	23.12	17.10
Leon Millot	19.9	16.1	16.8	-	2.90	2.77	-	18.22	15.55
Marquette	20.1	17.3	16.2	-	2.88	2.83	-	24.17	20.53
MN 1200	-	19.0	18.5	-	2.94	2.66	-	17.57	13.41
MN 1220	-	16.6	16.2	-	3.09	3.07	-	17.93	14.06

Development of wine grapes in the grape variety trials at the Peninsular Agricultural Research Station (PARS) Sturgeon Bay, WI and West Madison Agricultural Research Station (WMARS), Madison, WI



Development of wine grapes in the grape variety trials at the Peninsular Agricultural Research Station (PARS) Sturgeon Bay, WI and West Madison Agricultural Research Station (WMARS), Madison, WI



La Crescent at PARS 8.27.2012



La Crescent at WMARS 8.27.2012



La Crosse at PARS 8.27.2012



**No picture for
8.27.2012**

La Crosse at WMARS 8.6.2012

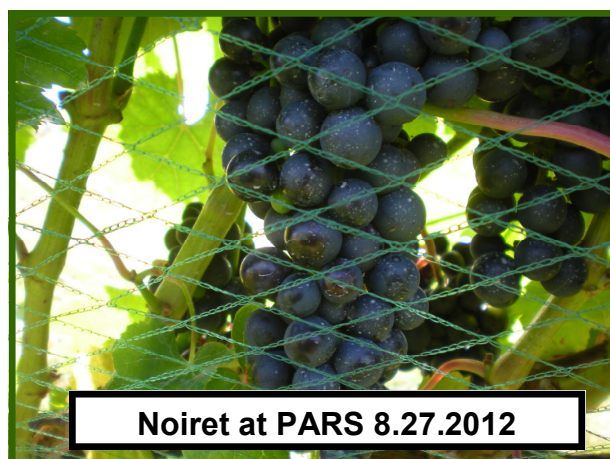


Marquette at PARS 8.27.2012



Marquette at WMARS 8.27.2012

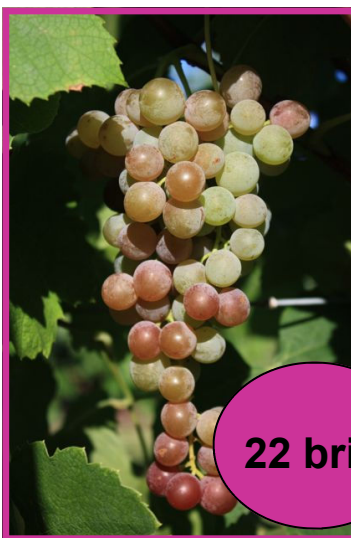
Development of wine grapes in the grape variety trials at the Peninsular Agricultural Research Station (PARS) Sturgeon Bay, WI.





22 brix

Canadice



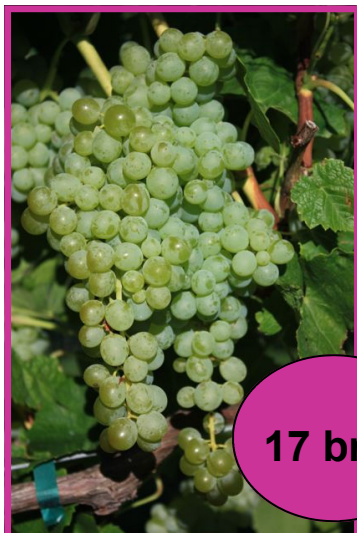
22 brix

Einset



21 brix

Himrod



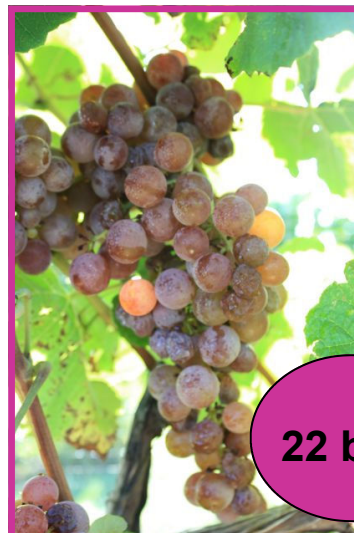
17 brix

Interlaken



18 brix

Marquis



22 brix

Reliance



25 brix

Summerset Seedless



21 brix

Thomcord

**Cold Hardy Seedless
Table Grape Progres-
sion at West Madison
Agricultural Research
Station**

**Thanks to Brian Emer-
son for submitting the
pictures.**



24 brix

Trollhaugen



19 brix

Vanessa



19 brix

Venus



17 brix

Interlaken



18 brix

Mars

Lakemont not pictured—16 brix

**Cold Hardy Seedless
Table Grape Progres-
sion at West Madison
Agricultural Research
Station**

**Thanks to Brian Emer-
son for submitting the
pictures.**

**Degree Day¹ (base 50) Accumulation from April 1 to August 26, 2012 at
Peninsular Agricultural Research Station in Sturgeon Bay, WI**

Date	2012	2011	5 Year Average²
4/1 to 8/26	1980	1854	1832

¹Modified method.

²Average from 2007 to 2011.

**Degree Day¹ (base 50) Accumulation from April 1 to August 26, 2012 at
West Madison**

Date	2012	2011	5 Year Average²
4/1 to 8/26	2470	2408	2263

¹Modified method.

²Average from 2007 to 2011.

Reminders

- **Pay attention to PHI of pesticides**
 - **Fungicide PHI listed on page 54 of the 2012 Midwest Small Fruit and Grape Spray Guide**
 - **Insecticide PHI listed on page 56 of the 2012 Midwest Small Fruit and Grape Spray Guide**
 - **Always consult the label that came with the product you are using**
- **Birds and other small animals are a problem especially more than ever during a drought as the animals look to fruit for moisture**
- **Keep in mind and abide by worker protection standards**
- **Downy and Powdery mildew will likely be a problem even after harvest and so continue your IPM program**

Please scout your vineyards on a regularly scheduled basis in an effort to manage problem pests. This report contains information on scouting reports from specific locations and may not reflect pest problems in your vineyard. If you would like more information on IPM in grapes, please contact Dean Volenberg at (920)746-2260 or dean.volenberg@ces.uwex.edu