

Vineyard IPM Scouting Report for week of 17 September 2012
UW-Extension Door County and Peninsular Agricultural Research Station
Sturgeon Bay, WI

Cumulative growing degree days (base 50) for 2011 and 2012 at the Peninsular Agricultural Research Station.

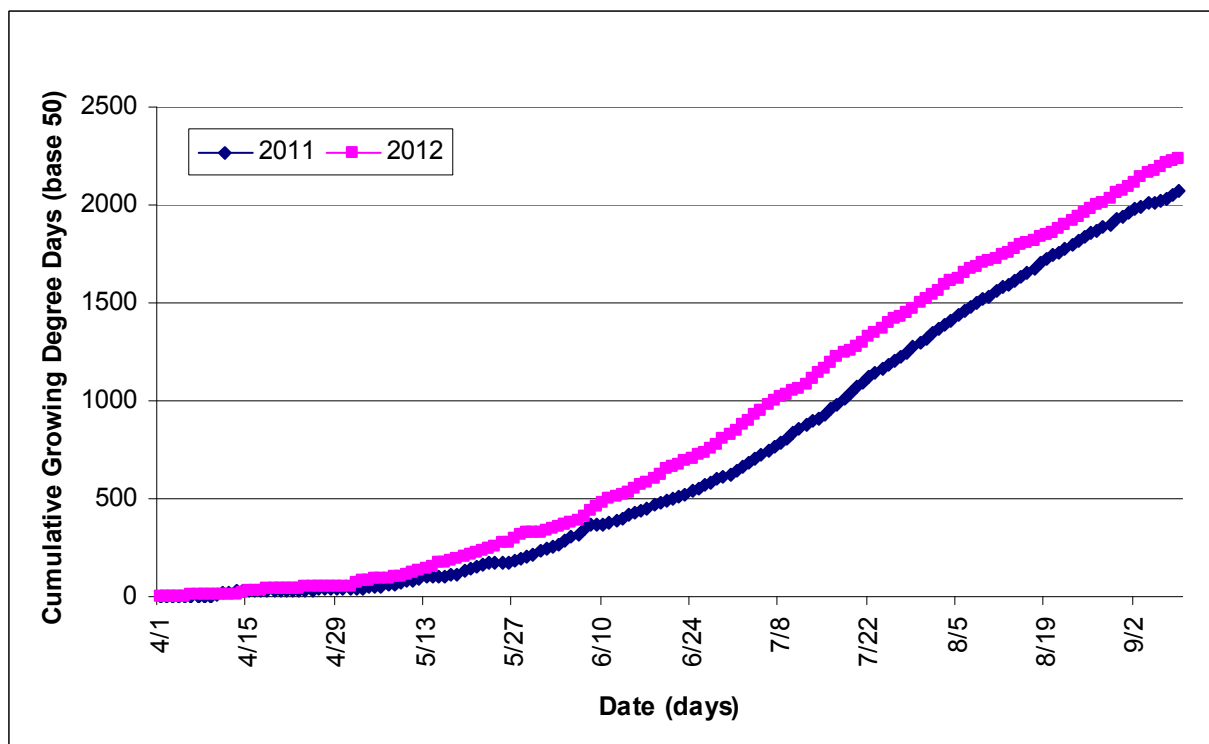
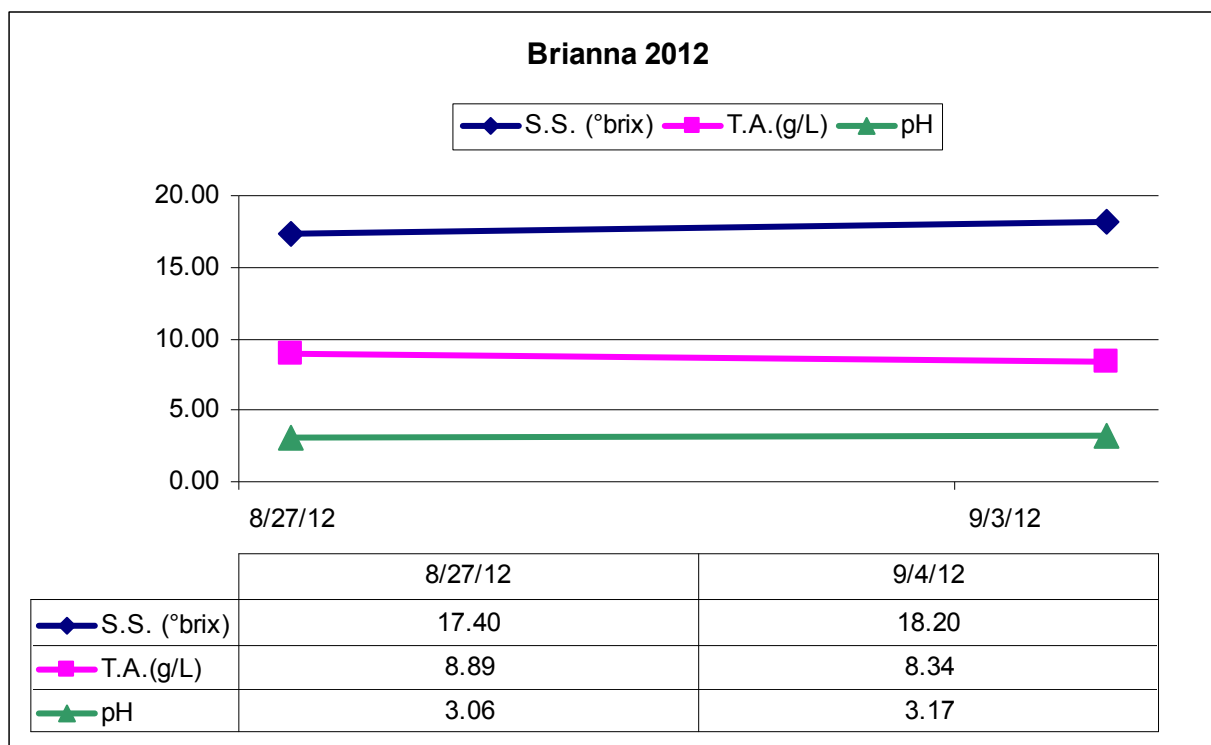
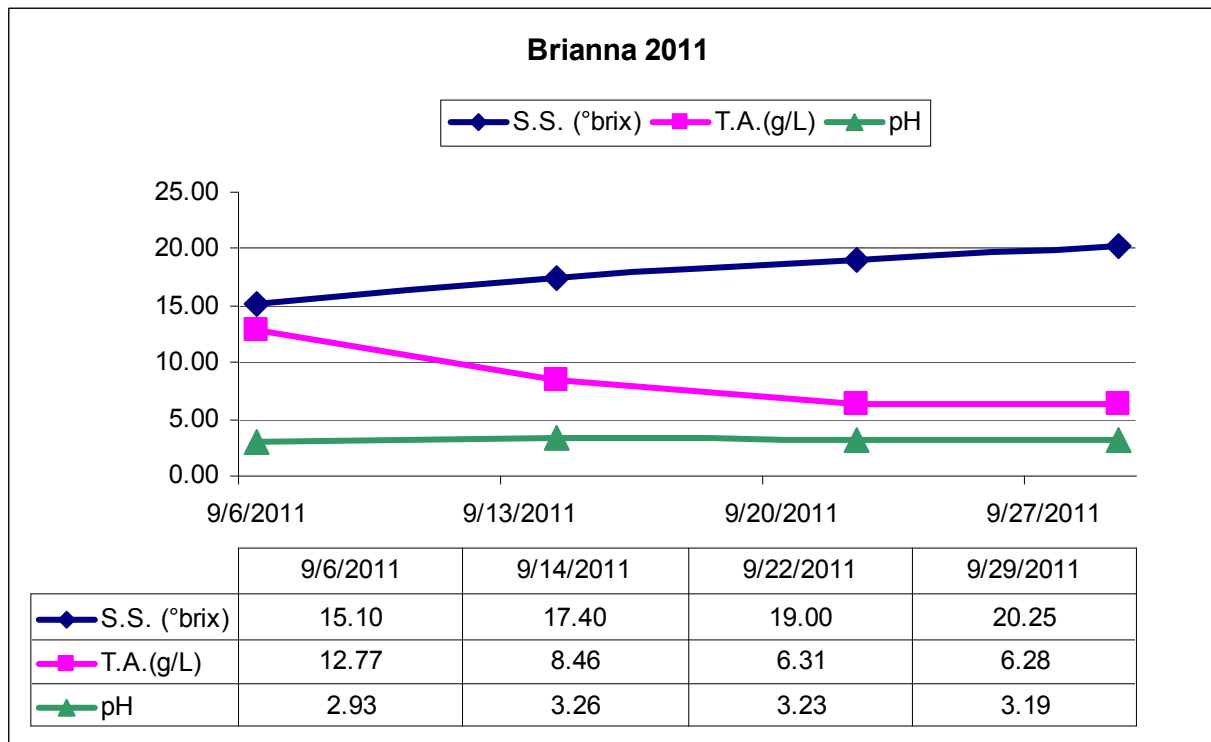


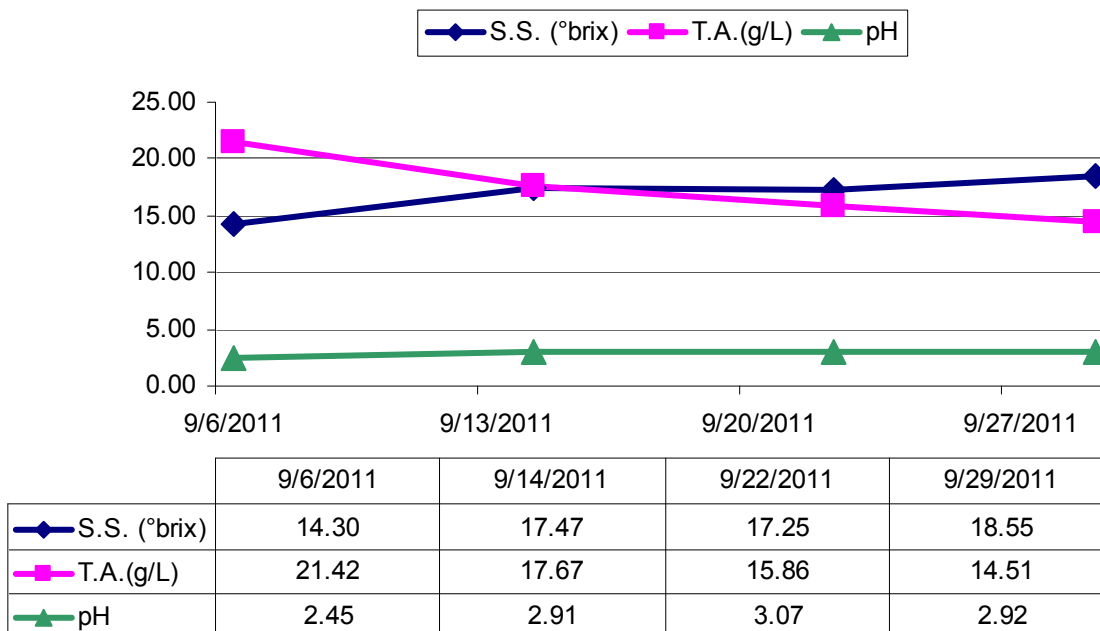
Table 1. The calendar date and accumulated growing degree days (base50) when grape quality parameters were evaluated in 2011 and 2012 at the Peninsular Agricultural Research Station.

Year	Date	Growing Degree Days (Base 50)
2011	9/6	2022
	9/14	2148
	9/22	2209
	9/29	2254
2012	8/27	1999
	9/4	2159
	9/9	2233

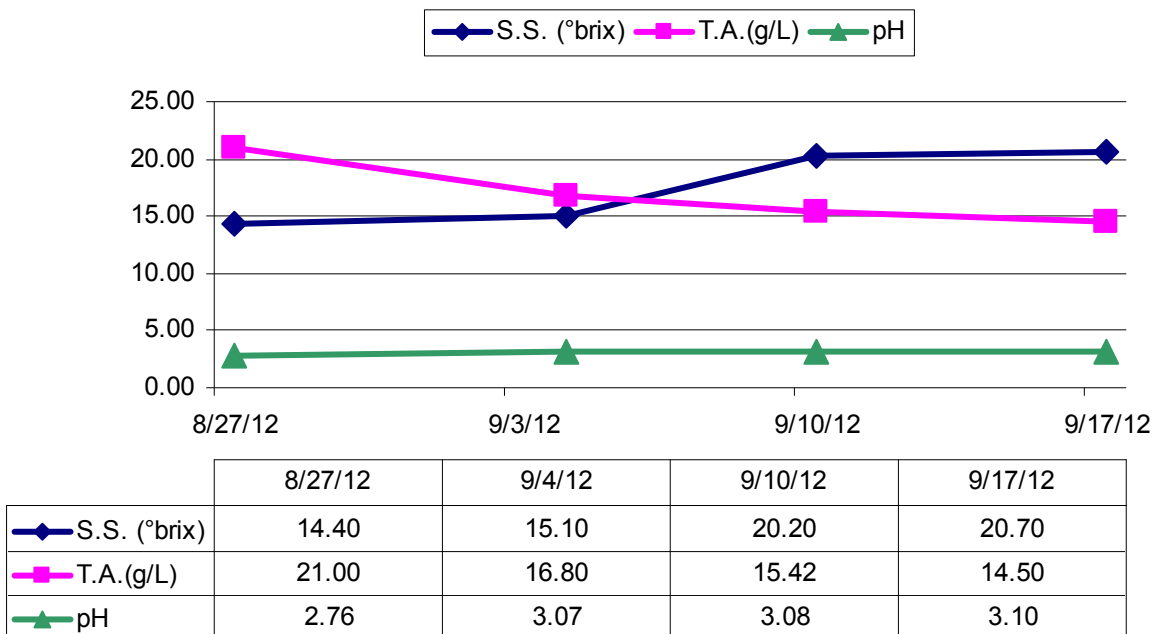
Grape quality measurements from grapes in the Wisconsin Varietal Trial located at the Peninsular Agricultural Research Station, Sturgeon Bay, Wisconsin. Quality parameters evaluated for 2011 and 2012.



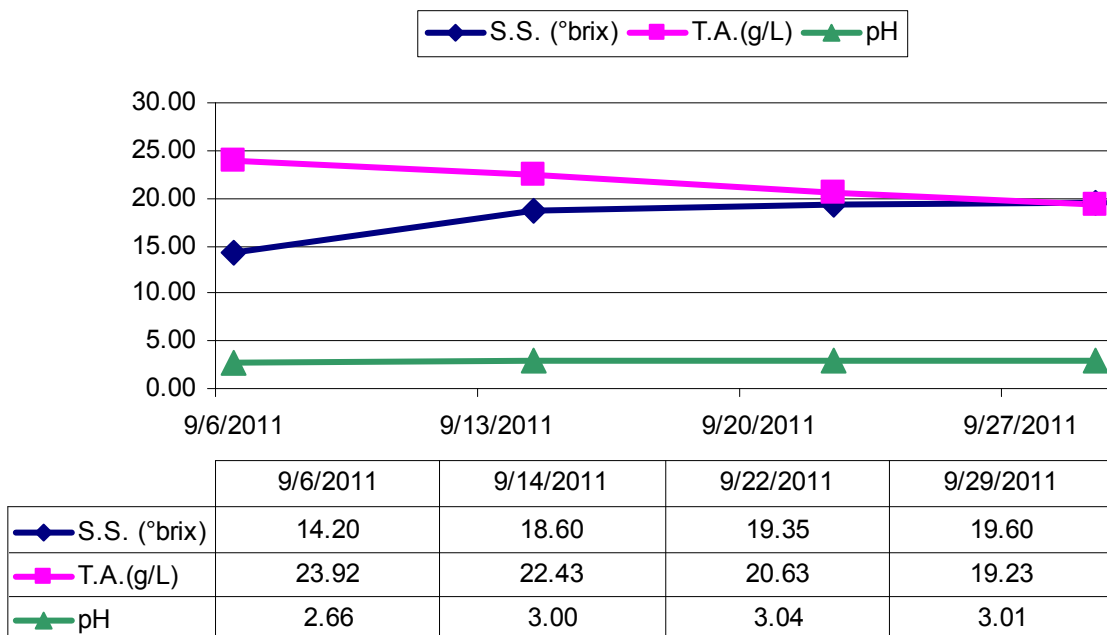
Foch 2011



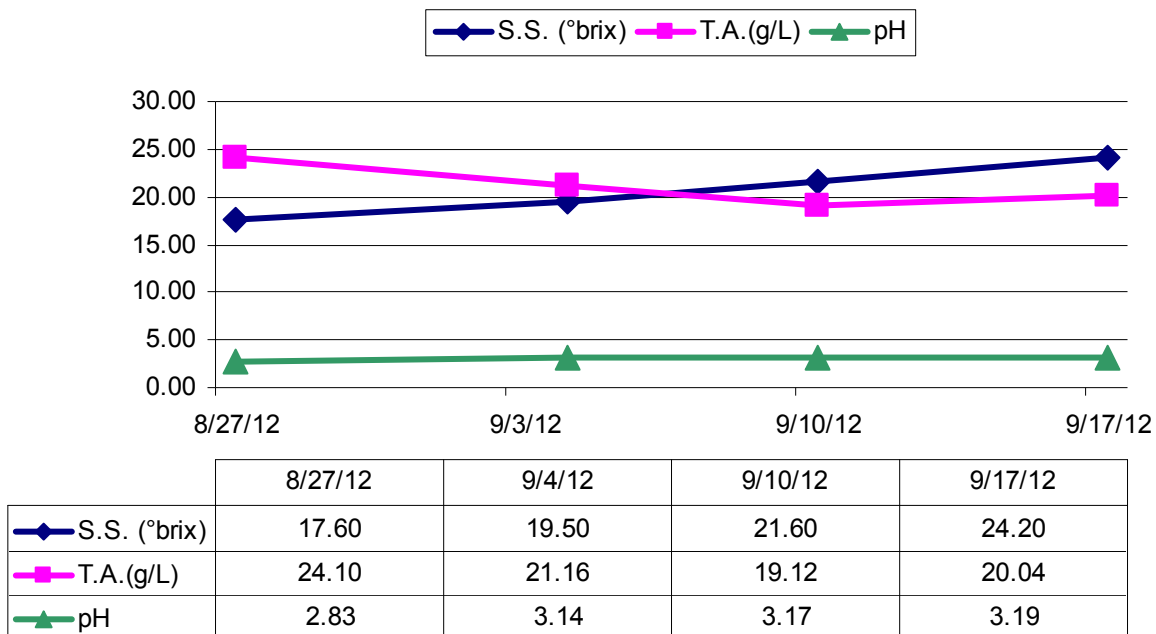
Foch 2012



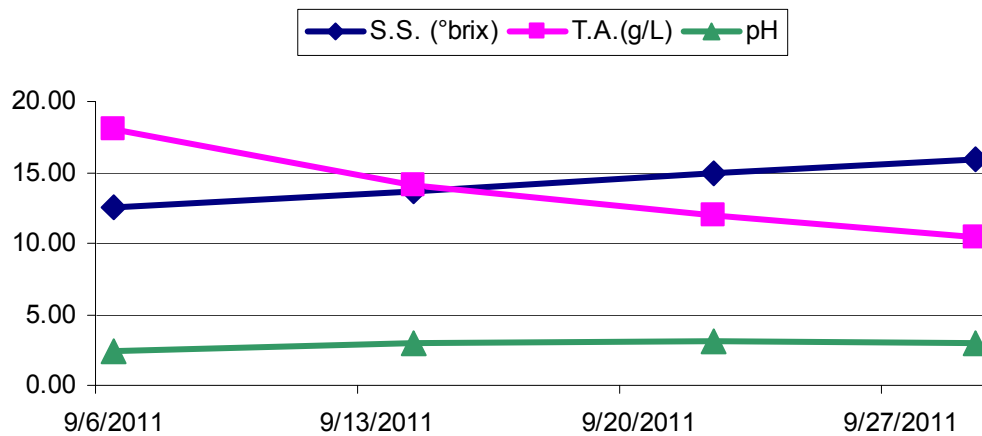
Frontenac 2011



Frontenac 2012

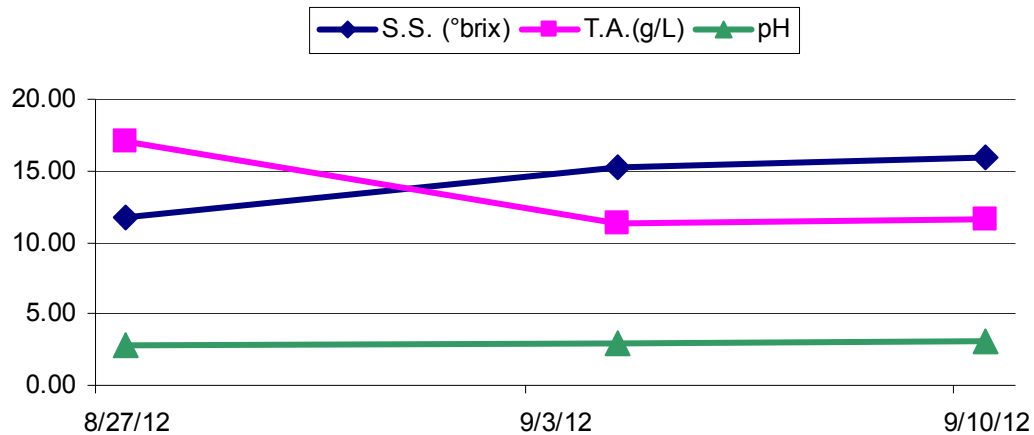


La Crosse 2011



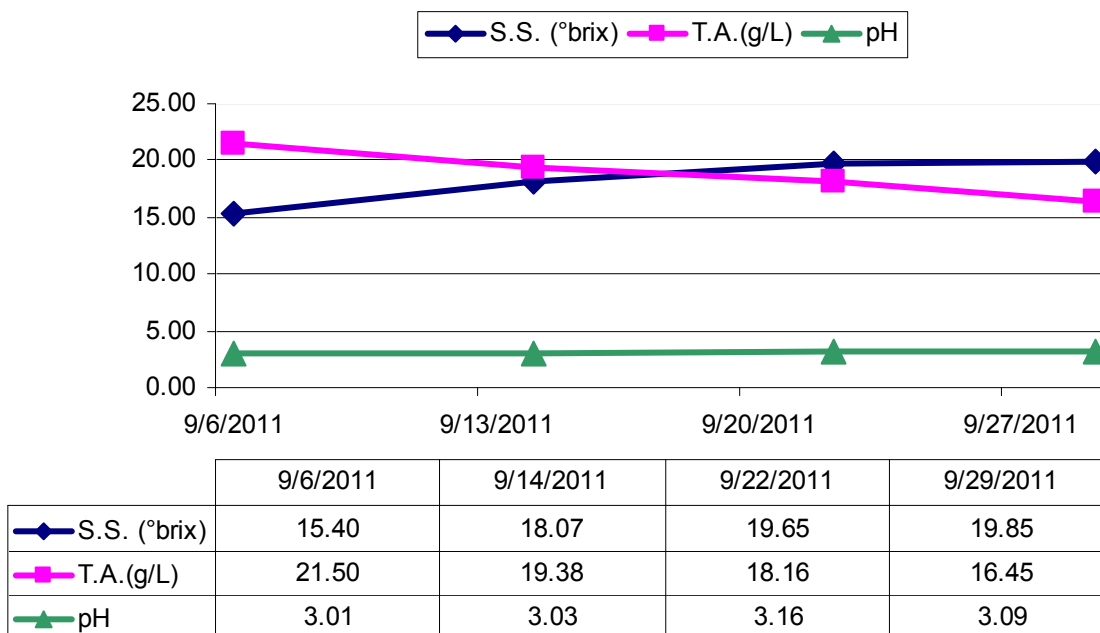
	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)	12.50	13.67	14.93	15.85
■ T.A. (g/L)	18.06	14.06	11.96	10.41
▲ pH	2.43	2.91	3.06	2.99

La Crosse 2012

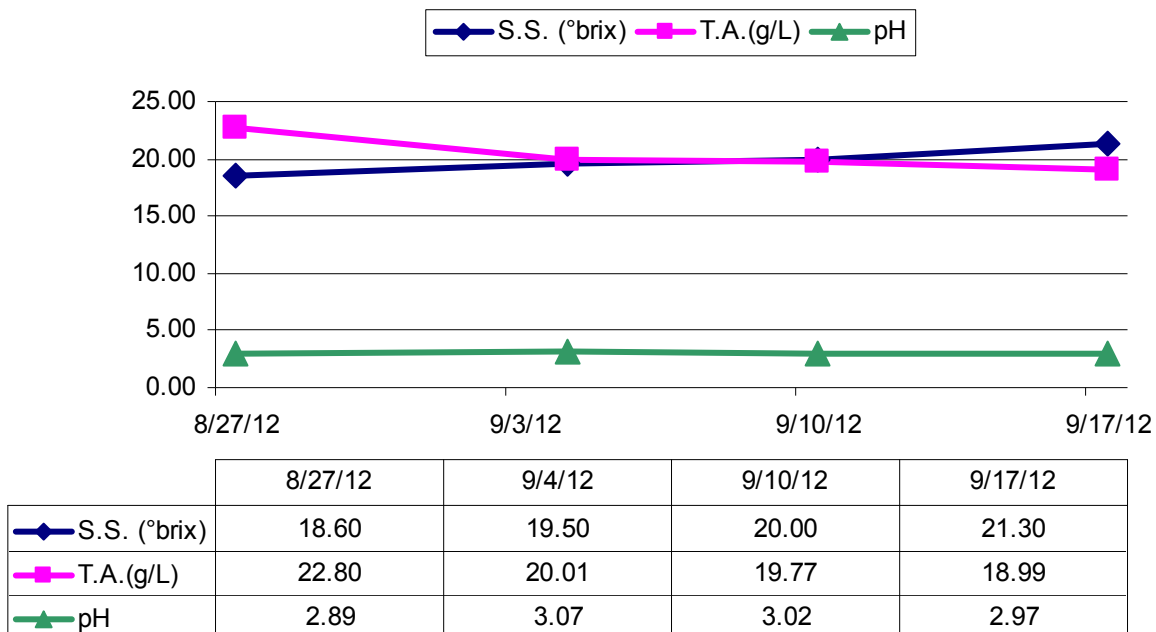


	8/27/12	9/4/12	9/10/12
◆ S.S. (°brix)	11.70	15.20	16.00
■ T.A. (g/L)	17.10	11.28	11.64
▲ pH	2.78	3.00	3.11

La Crescent 2011

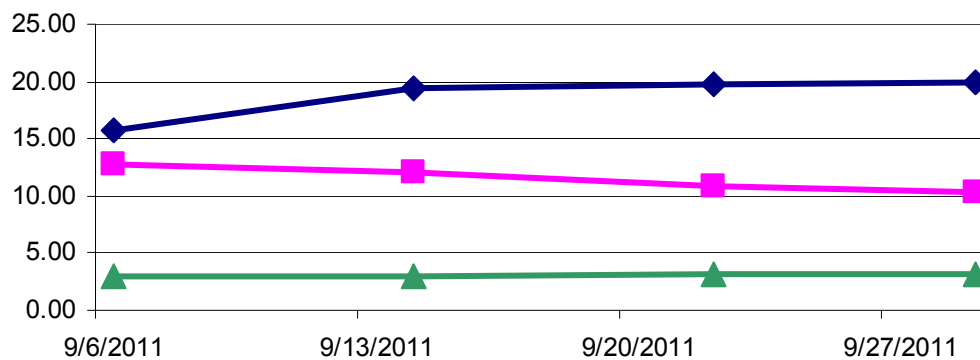


La Crescent 2012



Leon Millot 2011

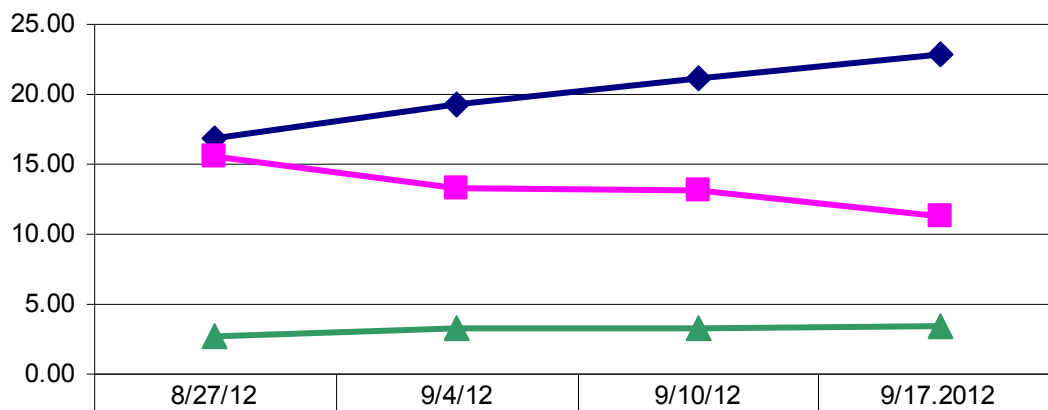
◆ S.S. (°brix) ■ T.A.(g/L) ▲ pH



	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)	15.80	19.33	19.78	19.85
■ T.A.(g/L)	12.72	12.00	10.84	10.25
▲ pH	2.94	3.03	3.22	3.06

Leon Millot 2012

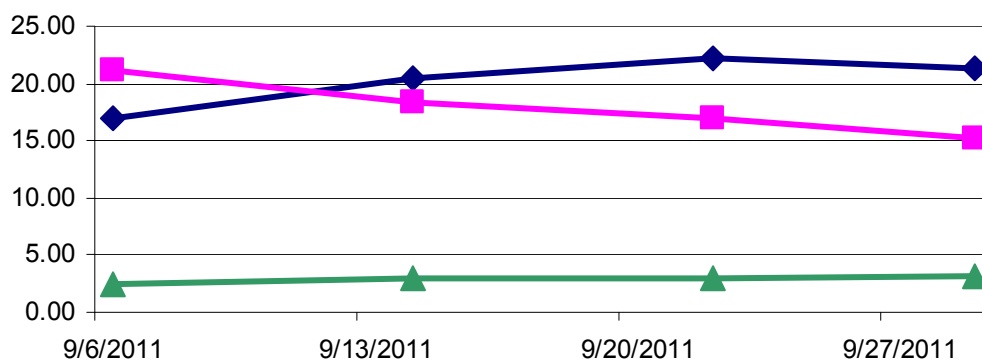
◆ S.S. (°brix) ■ T.A.(g/L) ▲ pH



	8/27/12	9/4/12	9/10/12	9/17/2012
◆ S.S. (°brix)	16.80	19.30	21.20	22.90
■ T.A.(g/L)	15.55	13.34	13.08	11.28
▲ pH	2.77	3.31	3.26	3.39

Marquette 2011

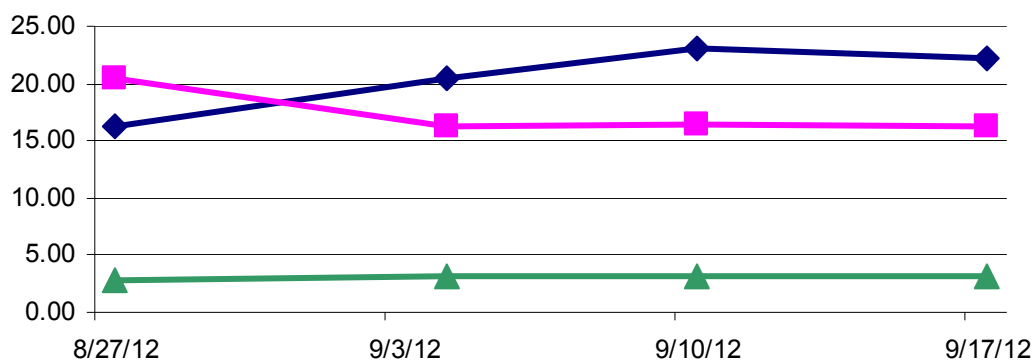
◆ S.S. (°brix) ■ T.A.(g/L) ▲ pH



	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)	16.90	20.40	22.15	21.35
■ T.A.(g/L)	21.08	18.38	16.94	15.22
▲ pH	2.43	3.05	2.93	3.10

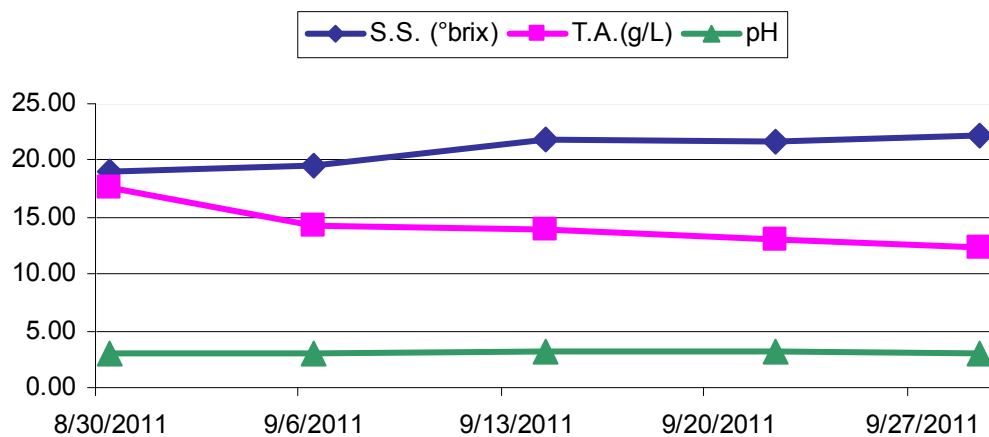
Marquette 2012

◆ S.S. (°brix) ■ T.A.(g/L) ▲ pH



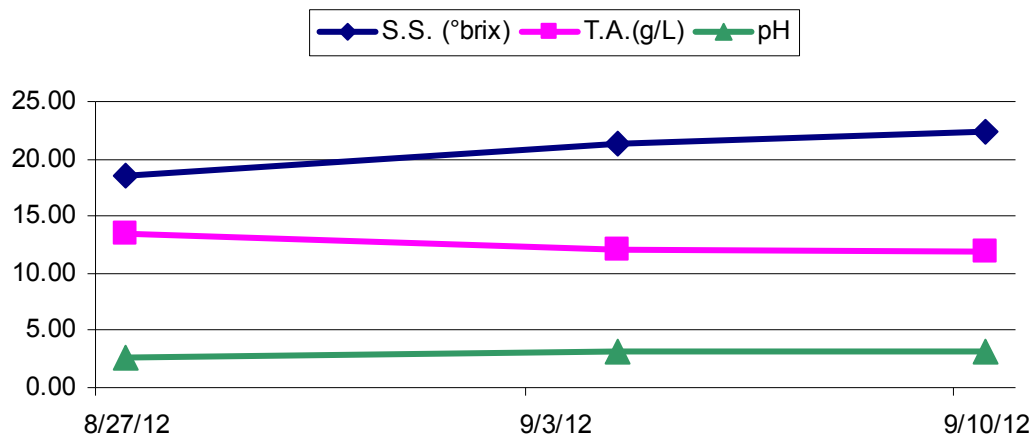
	8/27/12	9/4/12	9/10/12	9/17/12
◆ S.S. (°brix)	16.20	20.40	23.00	22.20
■ T.A.(g/L)	20.53	16.25	16.35	16.34
▲ pH	2.83	3.16	3.13	3.13

MN 1200 2011



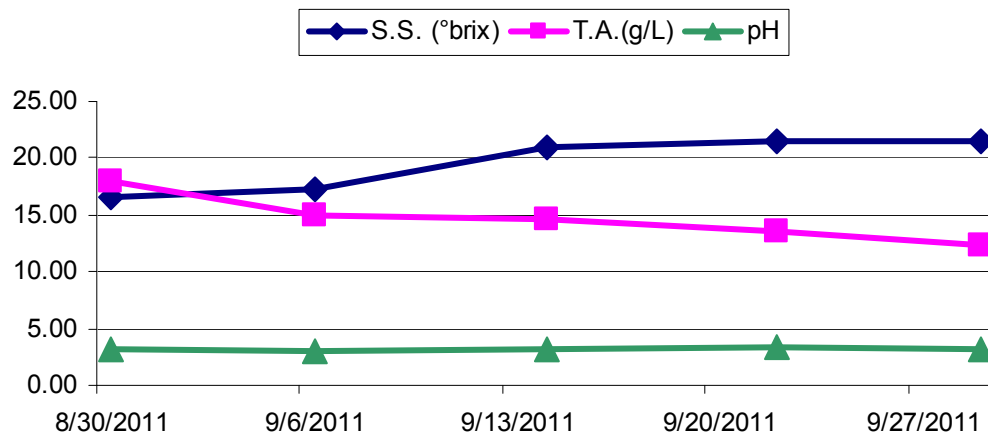
	8/30/2011	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)	19.00	19.60	21.87	21.70	22.10
■ T.A.(g/L)	17.57	14.25	13.99	13.01	12.25
▲ pH	2.94	3.01	3.08	3.23	3.08

MN 1200 2012



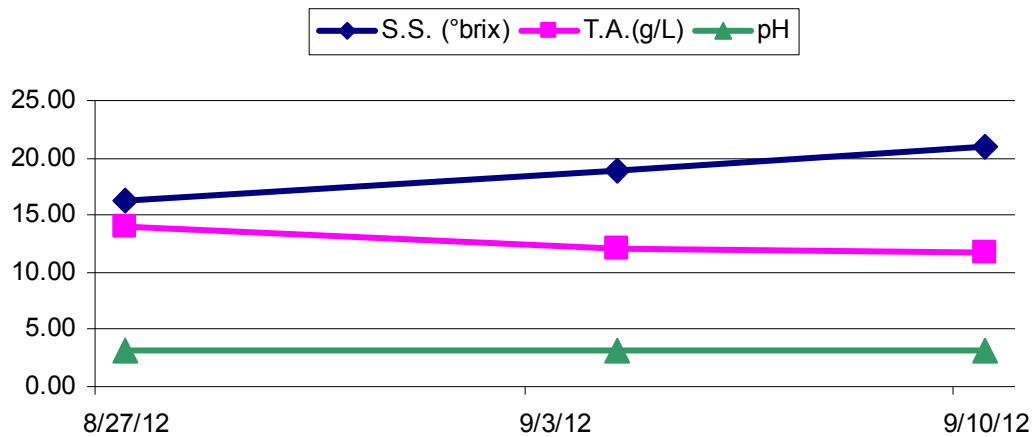
	8/27/12	9/4/12	9/10/12
◆ S.S. (°brix)	18.50	21.30	22.40
■ T.A.(g/L)	13.41	12.05	11.97
▲ pH	2.66	3.09	3.06

MN 1220 2011



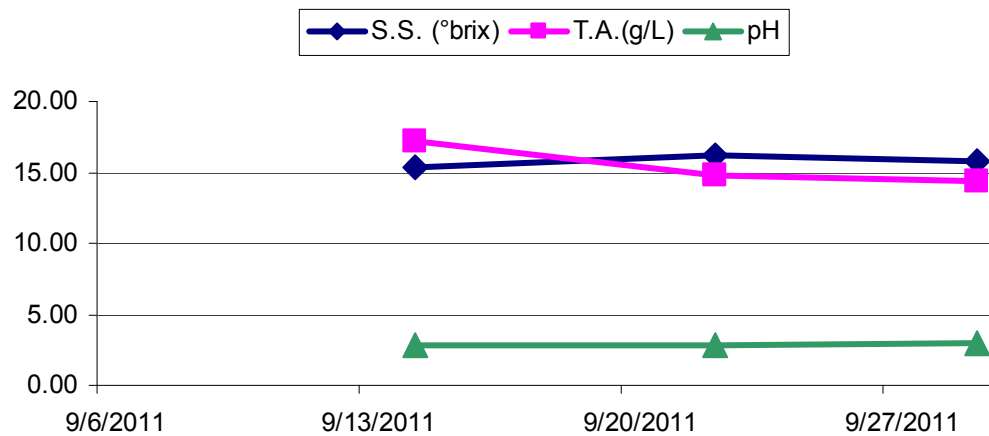
	8/30/2011	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)	16.60	17.20	21.00	21.40	21.50
■ T.A. (g/L)	17.93	14.91	14.60	13.50	12.28
▲ pH	3.09	3.03	3.13	3.26	3.15

MN 1220 2012



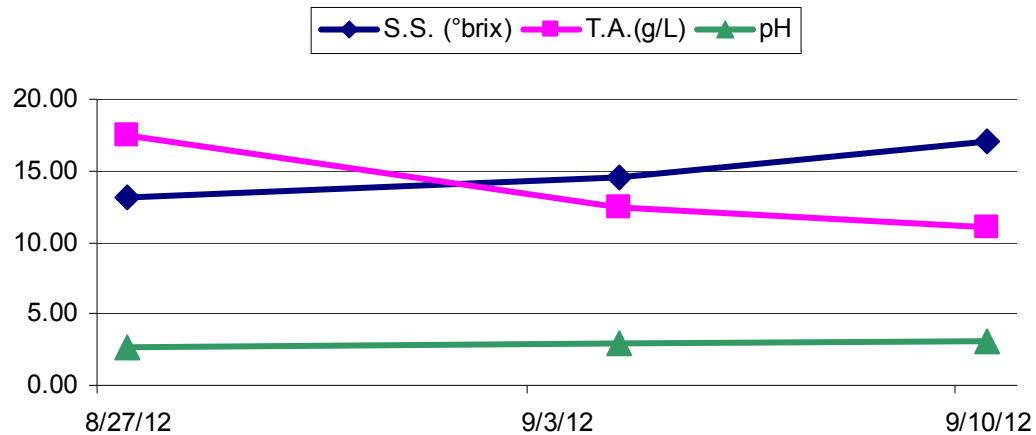
	8/27/12	9/4/12	9/10/12
◆ S.S. (°brix)	16.20	18.80	21.00
■ T.A. (g/L)	14.06	12.04	11.64
▲ pH	3.07	3.18	3.16

Noiret 2011



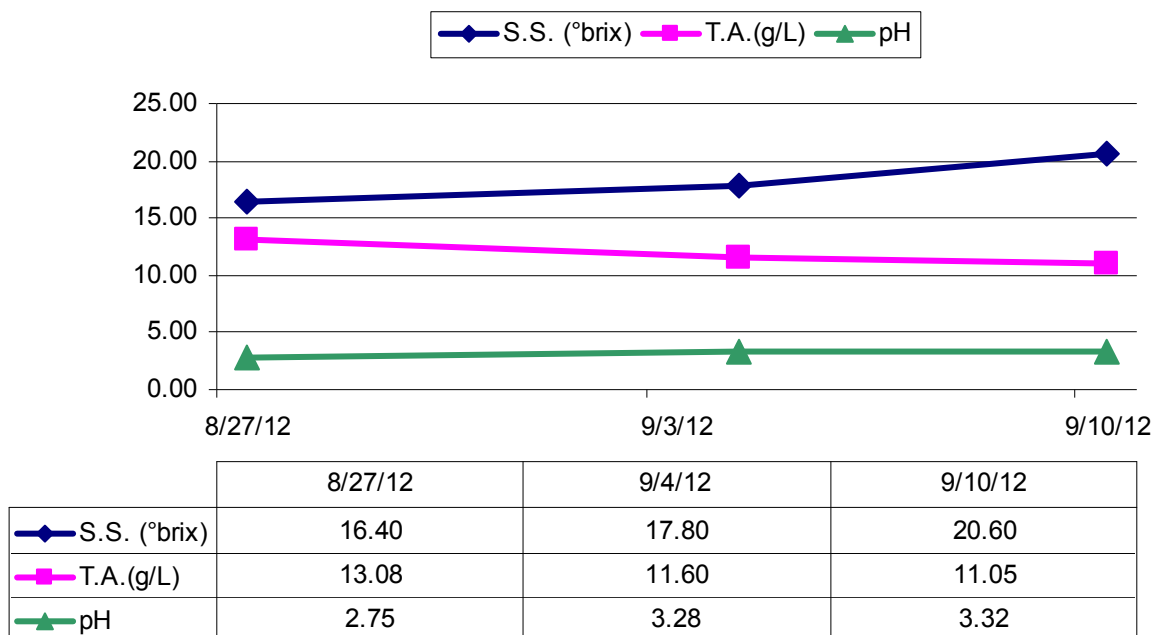
	9/6/2011	9/14/2011	9/22/2011	9/29/2011
◆ S.S. (°brix)		15.40	16.20	15.75
■ T.A. (g/L)		17.13	14.83	14.37
▲ pH		2.81	2.77	2.93

Noiret 2012

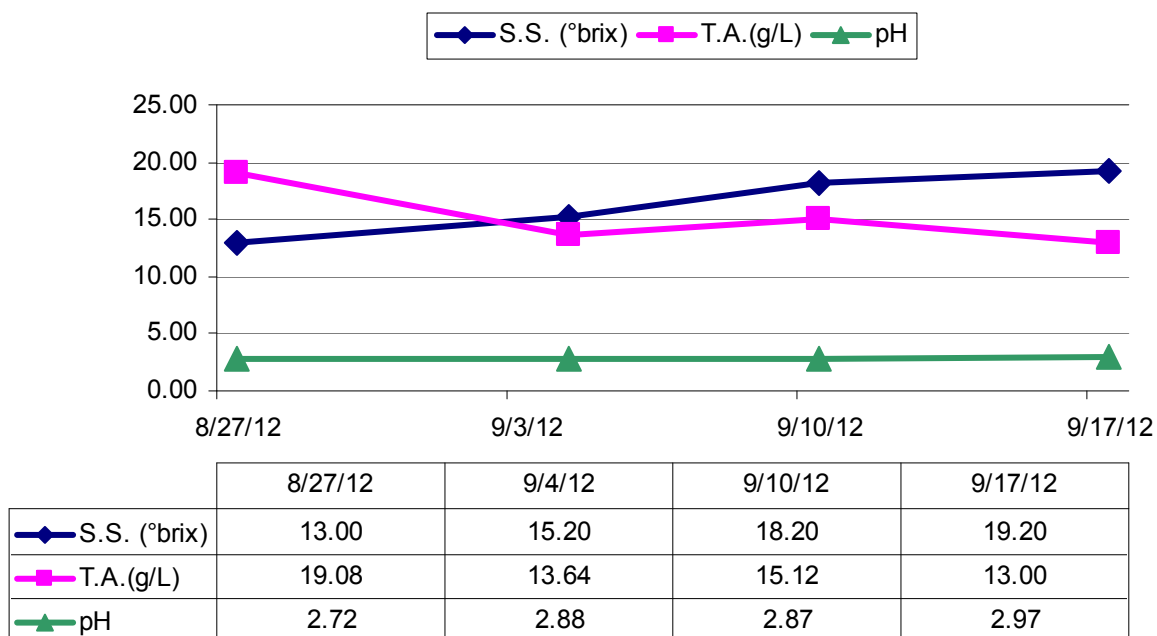


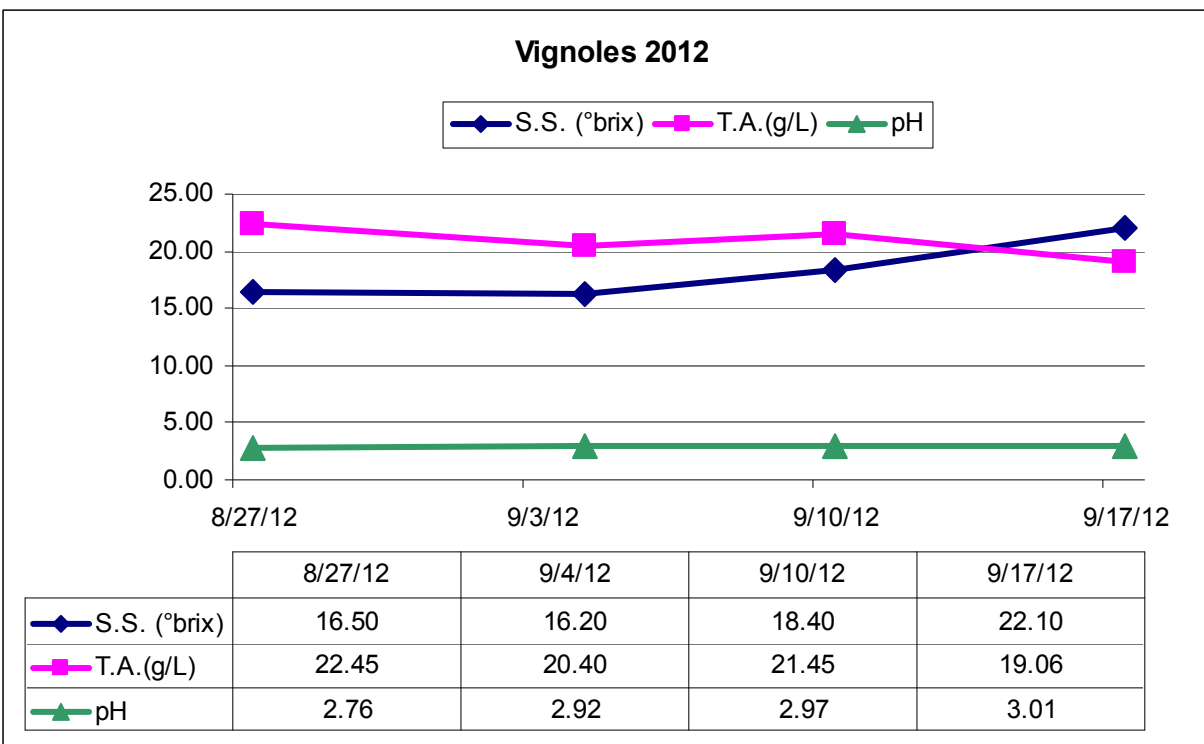
	8/27/12	9/4/12	9/10/12
◆ S.S. (°brix)	13.20	14.50	17.10
■ T.A. (g/L)	17.44	12.51	11.03
▲ pH	2.66	2.92	3.01

Petite Pearl 2012



NY 76 2012





**Degree Day¹ (base 50) Accumulation from April 1 to September 9, 2012
at Peninsular Agricultural Research Station in Sturgeon Bay, WI**

Date	2012	2011	5 Year Average²
4/1 to 9/9	2233	2068	2049

¹Modified method.

²Average from 2007 to 2011.

**Degree Day¹ (base 50) Accumulation from April 1 to September 9, 2012
at West Madison**

Date	2012	2011	5 Year Average²
4/1 to 9/9	2757	2643	2429

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