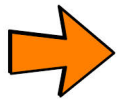
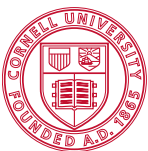




Brix Update for October 2, 2014



With harvest getting into full swing in the Lake Erie region, the LERGP Crop Update will be going to a biweekly distribution. This will be the last weekly Crop Update until we approach the 2015 growing season. We will continue to provide Luke's updates on Brix accumulation at the vineyards in the nine site study, as well as, the weather update of NEWA information on a weekly basis. This information will be included with the weekly email announcing the latest issue of *Veraison to Harvest*.



Cultural Practices

Luke Haggerty, LERGP,
Viticulture Extension Associate

The Numbers

We have great sugar making weather! The sunshine has helped things move along and receiving less than a 1/10” of rain in the past ten days has helped dry up the vineyard floor. Sampling data for the 9-site study collected by Kelly Link and our CLEREL staff shows another jump in brix for ‘Concord’ this past week. The average brix from the region’s 80 sample sites shows that the total average increased from 15.1 to 16.0 °Brix (0.9). To follow veraison to harvest for other grape cultivars see weekly updates at:

<http://grapesandwine.cals.cornell.edu/newsletters/veraison-harvest>

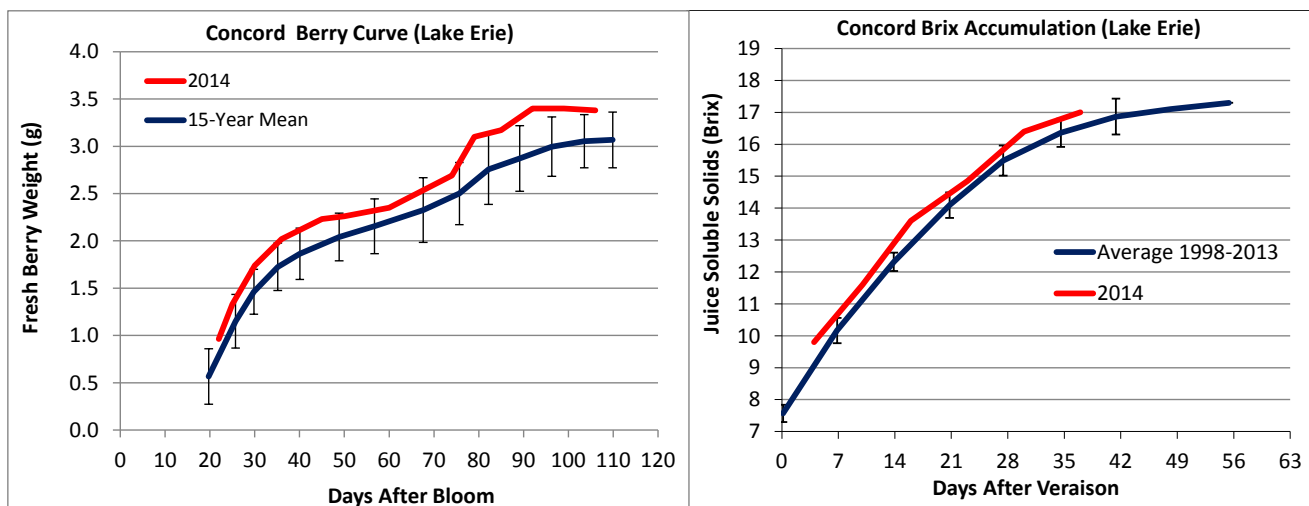
Lake Erie Region Average Concord Soluble Solids	
Location	BRIX
E. Rt5	15.2
E.Rt 20	15.9
E. Escarpment	16.1
C. Rt 5	15.4
C. Rt 20	16.7
C. Escarpment	17.3
W. Rt 5	16.2
W. Rt 20	15.6
W. Escarpment	15.4
Samples Taken on 9/29/14	

Concord Berry Curve

Dr. Terry Bates

Cornell Lake Erie Research and Extension Laboratory, Director

Pick them! Commercial Concord harvest is underway in the Lake Erie Grape Belt. Mean berry weight in our phenology vines at CLEREL has settled in around 3.4 grams and 17 °Brix. Across the nine-site pruning study in the region, mean berry weight is approximately 3.5 grams and 16 °Brix. There is quite a range in final berry weight from site to site this season with the well - drained gravel and sandy soils having lower berry weight (2.7-3.4 grams) and wetter clay soils having larger berries (3.2-4.1 grams). Juice acidity at CLEREL is around 1.1-1.2% which is running a little higher than recent years. This is not surprising given the cool and wet growing season.



Weather Data



Lake Erie Grape Region NEWA Weather Data

Location	Date	High (F)	Low (F)	Precip.Past 7 days (in)	Precip. OCT.Total	Total Apr GDD
North East Lab, PA	10/1/14	69	55	0.23	0.00	2443
Harborcreek, PA	10/1/14	69	54	0.21	0.00	2478
North East Escarpment	10/1/14	69	54	0.14	0.00	2402
Ripley	10/1/14	68	55	0.01	0.00	2490
Portland Route 5	10/1/14	70	55	0.01	0.00	2457
Portland CLEREL	10/1/14	69	57	0.01	0.00	2397
Portland Escarpment	10/1/14	69	57	0.02	0.00	2414
Dunkirk	10/1/14	70	56	0	0.00	2322
Silver Creek	10/1/14	70	65	0	0.00	2365
Sheridan	10/1/14	73	55	NA	NA	NA
Versailles	10/1/14	75	55	NA	NA	2267
Appleton	10/1/14	60	55	0	0.00	2069
Somerset	10/1/14	62	55	0	0.00	2267
Appleton South	10/1/14	61	52	0	0.00	2160

Note: NA=Sensor Malfunction

DATE/YEAR	HIGH	LOW	DAILY PRECIP	GDDs	TOTAL APRIL GDDs	TOTAL JAN GDDs
Week of 09/4/2014	82	64.40	0.21	162.5	2251.5	2251.5
Week of 09/11/2014	79.7	60.70	0.09	141.5	2373	2373
Week of 09/18/2014	64.4	53.60	0.13	63	2436	2436
Week of 09/25/2014	69.3	50.30	0.05	68.5	2504.5	2504.5
Week of 10/1/2014	71.3	52.60	0.00	83.5	2588	2588
Average(from 1964)	68	50.50	0.20	65.5	2562.4	2585
Sept Precip- Wk 1=1.45" Wk 2= .51" Wk 3= .94" Wk 4= .32" Wk 5= 0"						
Total Precip: June = 5.05" July = 4.47" Aug= 2.58" Sept= 2.77"						

LERGP Website Links of Interest:

Table for: Insecticides for use in NY and PA:

<http://lergp.cce.cornell.edu/submission.php?id=69&crumb=ipm|ipm>

Crop Estimation and Thinning Table:

http://nygpadmin.cce.cornell.edu/pdf/submission/pdf65_pdf.pdf

Appellation Cornell Newsletter Index:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/appellation-cornell/>

Veraison to Harvest newsletters:

<http://grapesandwine.cals.cornell.edu/cals/grapesandwine/veraison-to-harvest/index.cfm>

Go to <http://lergp.cce.cornell.edu/> for a detailed calendar of events.

Please remember to RSVP for those events that require one!

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Contact the Lake Erie Regional Grape Program if you have any special needs such as visual, hearing or mobility impairments.

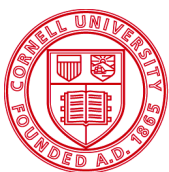
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