



June 3, 2019

Good afternoon!

We heard reports of hail damage to plants this weekend – hope your plantings escaped! The cooler, less humid weather yesterday and today is literally a breath of fresh air.

The OSU Phenology Calendar is online at <http://www.oardc.ohio-state.edu/gdd/CalendarView.asp>. It is available to those who would like to see the status of growing degree days or even check on past dates. The data collected on pollinators at the phenology garden at Lake Park is submitted to a national research database, The Great Sunflower Project (it collects more than sunflower data!). The committee works on Wednesday mornings – subject to weather and changes in personal plans. Please feel free to stop and ask questions while we are there or contact us through the Extension office (find the contact info above).

Here is the data by town/zip code for the number of growing degree day units (GDD units) in our county as of June 2, 2019:

Adams Mills/43821	775 (+136 GDD from 5/26/19)	782 GDDS for 6/2/2018 (last year)
Conesville/43811	756 (+133)	752
Coshocton/43812	714 (+130)	730
Fresno/43824	673 (+127)	721
Walhonding/43843	673 (+127)	725
Warsaw/43844	690 (+128)	728
W. Lafayette/43845	719 (+131)	728

Some phenological events that you may be seeing now or will see soon are:

- American Holly (*Ilex aquifolium*), full bloom at 642
- Multiflora Rose (*Rosa multiflora*), full bloom at 643
- Northern Catalpa (*Catalpa speciosa*), first bloom at 675
- Large Crabgrass - 50% seedling emergence at 692
- American Elder (*Sambucus nigra*), first bloom at 707
- Fuzzy Deutzia (*Deutzia scabra*), first bloom at 727
- Fletcher Scale (*Hemiptera sternorrhyncha*), egg hatch - 1st generation at 730
- Calico Scale (*Hemiptera sternorrhyncha*), egg hatch at 748
- European Fruit Lecanium Scale (*Parthenolecanium corni*), egg hatch at 767
- Greater Peach Tree Borer (*Synanthedon exitiosa*), adult emergence at 775
- Striped Pine Scale (*Toumeyella pini*), egg hatch at 783

Events that should be occurring next are:

- Winterberry Holly (*Ilex verticillate*), first bloom at 794
- Rhododendron Borer (*Agrilus planipennis*), adult emergence at 815
- Mountain-laurel (*Kalmia latifolia*), full bloom at 822
- Dogwood Borer (*Synanthedon scitula*), adult emergence at 830
- Oakleaf Hydrangea (*Hydrangea quercifolia*), first bloom at 835
- Cottony Maple Scale (*Pulvinaria innumerabilis*), egg hatch at 851
- Panicle Hydrangea (*Hydrangea paniculate*), first bloom at 856
- Fall Webworm (*Hyphantria cunea*), egg hatch at 867
- Mimosa Webworm (*Homadula anisocentra*), egg hatch - 1st generation at 874

- Asian longhorned beetle (*Anoplophora glabripennis*), first adult emergence at 887
- Winged Euonymus Scale (*Unaspis euonymii*), egg hatch at 892
- Spruce Budscale (*Physokermes piceae*), egg hatch at 894
- Winterberry Holly (*Ilex verticillate*), full bloom at 897
- Greenspire Littleleaf Linden (*Tilia cordata*), first bloom at 899

We have a range of 671 to 775 GDD units across the county, disregarding micro-climates. Those 104 GDDs can make several days' difference regarding when a particular insect emerges or a plant blooms. A couple of our zip codes are very near to last year's GDD numbers while the rest are just a little behind. Looking at the forecast for the next week, we will again see an increase in GDDs in our area; it remains to be seen what effect a couple of cooler days and nights will make. According to *Weather.com*, daytime highs will range from the upper 60's to low 80's; most nightly lows will likely range from the upper 40's to mid-60's. It looks as though we will again have a very good chance of rain. (The silver lining is that we shouldn't have to water our plants...)

There are buds forming on the milkweeds, yarrow, coreopsis, and elderberry. We have one bloom open on our purple coneflower, but it will be a while before there are more; the Bumald spirea, columbine, and Siberian iris are currently blooming. If you look closely in the grassy areas, you may see bright red wild strawberries! For our efforts in working as "Partners for Pollinators", we received several types of native pollinator plants last week and hope to have many of them in the ground this week; last week we planted a few small sunflower plants. Remember that there are various fact sheets at the information station!

A HUGE "Thank you!!!" to all the folks who stopped by our plant sale on Saturday – and to all our friends who donated plants to us! We enjoyed a demonstration on plant division by Susan McCurdy and were glad to see that several fact sheets and milkweed seed packets were taken from our display on native plants.



This appears to be a pipevine swallowtail butterfly on the 'Red Prince' weigela (*Weigela florida*).



The American black elderberry (*Sambucus canadensis*) 'Bob Gordon' has several buds!



We planted some sunflower starts along the ball field fence last week. We're hoping they will grow well and be a good food source for pollinators and birds.

