

June 10, 2019

Good afternoon!

We had some cooler temperatures this week – it was nice to have the windows open part of the time! It was also nice to have a little break in the rain here and there, but we still ended up with more than an inch in the phenology area.

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. We were able to see some pollinators when the sun was out and submitted that data to The Great Sunflower Project. 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 9, 2019:

| | | |
|--------------------|----------------------------|-----------------------------------|
| Adams Mills/43821 | 877 (+102 GDD from 6/2/19) | 900 GDDS for 6/9/2018 (last year) |
| Conesville/43811 | 859 (+103) | 864 |
| Coshocton/43812 | 818 (+104) | 838 |
| Fresno/43824 | 779 (+106) | 826 |
| Walhonding/43843 | 778 (+105) | 832 |
| Warsaw/43844 | 796 (+106) | 836 |
| W. Lafayette/43845 | 823 (+104) | 836 |

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

- Greater Peach Tree Borer (*Synanthedon exitiosa*), adult emergence at 775
- Striped Pine Scale (*Toumeyella pini*), egg hatch at 783
- 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 (*Homadaula anisocentra*), egg hatch - 1st generation at 874
- Asian longhorned beetle (*Anoplophora glabripennis*), first adult emergence at 887

Events that should be occurring next are:

- 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
- American Elder (*Sambucus nigra*), full bloom at 909
- Southern Catalpa (*Catalpa bignonioides*), first bloom at 913
- Panicked Goldenraintree (*Koeleruteria paniculate*), first bloom at 924

- June Bride Littleleaf Linden (*Tilia cordata*), first bloom at 953
- Azalea Bark Scale (*Eriococcus azalea*), egg hatch at 957
- Japanese Beetle (*Popillia japonica*), adult emergence at 970

We have a range of 778 to 877 GDD units across the county, disregarding micro-climates. Those 99 GDDs can make several days' difference regarding when a particular insect emerges or a plant blooms. All of our zip codes are a little behind last year's figures, but not a great deal. It is interesting that all the areas increased by almost exactly the same number of GDDs. Looking at the forecast for the next week, we will again see an increase in GDDs in our area. According to *Weather.com*, daytime highs will range in the 70's with one exception in the 60's; nightly lows will likely range in the 50's and 60's. It looks as though we will again (sigh!) have a very good chance of rain.

The coreopsis is gorgeous right now and the oakleaf hydrangea opened this week. The butterfly weed is about to bloom and there are buds on the common milkweed. Although we haven't seen a monarch butterfly yet, we are checking for eggs. We were able to plant about half of the new pollinator plants last week before we were deluged with rain and hope to get the rest in the ground this week. We have added fact sheets to the information station on attracting pollinators to the garden.



The lanceleaf coreopsis (*Coreopsis lanceolata*) is open and looks so very cheerful!



The common milkweed (*asclepias syriaca*) is in bud – it won't be long before it blooms.



Buds are close to opening on the butterfly weed (*Asclepias tuberosa*). It is a host plant for monarch butterflies



This spiderwort (*Tradescantia spp.*) brightens up a shady area near the information station in the pheno area.

