

May 22, 2018

Good evening!

Our perennials are certainly showing lots of blooms – and the pollinators should be very happy! Now that we are past the frost-free date of May 15 and the forecast shows no chance of frost, our Memorial Day flowers should be safe! Although the soil may be warm enough now (60 or more degrees) due to our recent warm temperatures for tomatoes and peppers, it's a good idea to check it: <https://bygl.osu.edu/node/1043>

Each zip code increased between 121 and 131 GDD units; we now have a 51-GDD difference in range here in Coshocton County due to varying temperatures in our micro-climates. Here is the current data by town/zip code and the number of growing degree day units (GDD units) in our county:

Adams Mills/43821	528 (+131 GDD this week)	622 GDDs for 5/22/2017 (last year)
Conesville/43811	503 (+126)	594
Coshocton/43812	485 (+123)	574
Fresno/43824	477 (+121)	565
Walhonding/43843	480 (+122)	569
Warsaw/43844	483 (+123)	572
W. Lafayette/43845	484 (+123)	572

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

- Common Ninebark (*Physocarpus opulifolius*), first bloom at 478
- Sweet Mockorange (*Philadelphus coronarius*), first bloom at 482
- Oystershell Scale (*Lepidosaphes ulmi*), egg hatch at 497
- Smoketree (*Cotinus coggygia*), first bloom at 501
- Catawba Rhododendron (*Rhododendron catawbiense*), full bloom at 503
- White Fringetree (*Chionanthus virginica*), full bloom at 517

Events that should be occurring next are:

- Arrowwood Viburnum (*Viburnum dentatum*), first bloom at 534
- American Yellowwood (*Cladrastis kentukea*), first bloom at 546
- Bronze Birch Borer (*Agrilus anxius*), adult emergence at 547
- Multiflora Rose (*Rosa multiflora*), first bloom at 548
- Smooth Crabgrass, 80% seedling emergence at 548
- Emerald Ash Borer (*Agrilus planipennis*), adult emergence at 550
- American Holly (*Ilex aquifolium*), first bloom at 556
- Black Vine Weevil (*Otiorhynchus sulcatus*), adult emergence at 560
- Mountain-laurel (*Kalmia latifolia*), first bloom at 565
- Sweetbay Magnolia (*Magnolia virginiana*), first bloom at 566
- Potato Leafhopper (*Empoasca fabae*), adult arrival at 568
- Juniper Scale (*Carulaspis juniperi*), egg hatch at 571
- Japanese Tree Lilac (*Syringa reticulata*), first bloom at 622
- Bumald Spirea (*Spiraea x bumalda*), first bloom at 624
- Twospotted Spider Mite (*Tetranychus urticae*), egg hatch at 627
- Bagworm (*Thyridopteryx ephemeraeformis*), egg hatch at 630
- Washington Hawthorn (*Crataegus phaenopyrum*), first bloom at 635

You can find the OSU Phenology Calendar at <http://www.oardc.ohio-state.edu/gdd/CalendarView.asp>. Plug in your zip code (or the one closest to you if your code is not in the network) along with the date and you can see what potential events are occurring in your area or check on past dates. There are pictures of the plants and insects listed and a list of the events in the order they generally appear. Keep in mind that these are general values for each particular zip code and may vary a bit within that area. Please note that we have not listed all events due to space constraints.

Our local forecast for the coming week shows probable high temperatures in the 80's with low temps in the 50's and 60's; that should result in another jump in GDDs. It looks as though we will have some dry days and some rain, so we probably won't need to water anything except container plantings.

We are enjoying the bearded iris, Siberian iris, golden zizia, bachelor buttons, lupine, sergeant viburnum, fringe tree and columbine that are blooming in the phenology area. We'll be seeing butterfly weed, bumald spirea and others very soon!

As reported last week, viburnum leaf beetle is appearing in Ohio now – in fact, it's been found in the phenology garden on our Arrowwood viburnum; a picture of the larvae is shown below. Here are some links to fact sheets you might find helpful: <https://ohioline.osu.edu/factsheet/anr-39> and [http://msue.anr.msu.edu/news/keep\\_your\\_eyes\\_open\\_for\\_the\\_viburnum\\_leaf\\_beetles](http://msue.anr.msu.edu/news/keep_your_eyes_open_for_the_viburnum_leaf_beetles)



This teeny black and white ladybug (*Psyllobora vigintimaculata*) was seen in the phenology garden this week.



Viburnum leaf beetle larvae (*Pyrrhalta viburni*) on Arrowwood viburnum (*Viburnum dentatum*)

