

May 15, 2018

Good evening!

Those warm temperatures have continued, even with a few rainy days – and it's made a big difference in the development of the plants! Most of the perennials are now up and several are in bloom; we're also enjoying several flowering shrubs.

Each zip code increased between 96 and 122 GDD units; we now have a 41-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	397 (+122 GDD this week)	501 GDDs for 5/15/2017 (last year)
Conesville/43811	377 (+110)	477
Coshocton/43812	362 (+100)	460
Fresno/43824	356 (+96)	453
Walhonding/43843	358 (+98)	456
Warsaw/43844	360 (+99)	458
W. Lafayette/43845	361 (+100)	459

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

- Smooth Crabgrass - 50% seedling emergence at 354
- Pagoda Dogwood (*Cornus alternifolia*), first bloom at 363
- Red Java Weigela (*Weigela florida*), first bloom at 365
- Black Cherry (*Prunus serotina*), first bloom at 368
- Optimal time to spray for gypsy moth - 370
- Common Sweetshrub (*Calycanthus floridus*), first bloom at 371
- Lesser Peach Tree Borer (*Synanthedon pictipes*), adult emergence at 372
- Ohio Buckeye (*Aesculus glabra*), full bloom at 374
- Holly Leafminer (*Phytomyza ilicis*), adult emergence at 375

Events that should be occurring next are:

- Euonymus Scale (*Unaspis euonymii*), egg hatch - 1st generation at 406
- Ohio Pioneer Thicket Hawthorn (*Crataegus laevigata*), first bloom at 406
- Catawba Rhododendron (*Rhododendron catawbiense*), first bloom at 407
- Beautybush (*Kolkwitzia amabilis*), first bloom at 417
- Miss Kim Manchurian Lilac (*Syringa pubescens*), first bloom at 422
- White Fringetree (*Chionanthus virginica*), first bloom at 435
- Locust Leafminer (*Odontota dorsalis*), adult emergence at 437
- Boxwood Leafminer (*Buxus sempervirens*), adult emergence at 440
- Red Prince Weigela (*Weigela florida*), first bloom at 446
- Black Locust (*Robinia pseudoacacia*), first bloom at 467
- Ohio Pioneer Thicket Hawthorn (*Crataegus laevigata*) full bloom at 470
- Large Crabgrass - 25% seedling emergence at 472
- Common Ninebark (*Physocarpus opulifolius*), first bloom at 478
- Sweet Mockorange (*Philadelphus coronarius*), first bloom at 482

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 a particular zip code and may vary a bit within that area.

Our local forecast for the coming week shows probable high temperatures in the 70's and 80's with low temps in the 50's and 60's; that should result in another jump in GDDs. It seems we also have a chance of showers for the next few days. We are now past the "frost-free" date (May 15) for central Ohio; although that is NOT guaranteed, it looks as though annuals can be safely planted after they are "hardened off".

The bachelor buttons, Van Houtte spirea and golden zizia in the pollinator area are still in bloom and some irises opened this week; lupine is starting to show some color and our Miss Kim lilac is opening.

As in everyone's gardens, the weeds are threatening to take over – the rain lately has promoted growth and kept many of us from working in our planting beds. We're seeing lots of bed straw, purple deadnettle, grasses, thistles, tree seedlings and other unwanted vegetation. We'll keep weeding as much as we can and use mulch; 2 or 3 inches is recommended and it should be kept a few inches away from tree trunks and plant stems.

If you have a viburnum in your garden, watch out for viburnum leaf beetle; it is appearing in Ohio now. 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



Golden zizia, now blooming in the phenology garden.



Symptoms of viburnum leaf beetle, mid-summer of last year.

