



June 12, 2018

Good evening!

We've certainly had enough rain in many parts of the county, although the showers have been rather spotty. The phenology area at Lake Park registered 2 inches over the last week. The good thing is – no need to water our plants, they certainly don't need it! It's a good idea to empty any containers that might hold standing water from all the rain in order to eliminate breeding areas for mosquitos.

Each zip code increased between 113 and 129 GDD units this week. We now have a 81-GDD difference in range here in Coshocton County due to varying temperatures in our micro-climates. We are virtually caught up to the GDDs for the same date last year; we are now only 2 to 7 GDDs behind last year. 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	959 (+129 GDD this week)	966 GDDs for 6/12/2017 (last year)
Conesville/43811	919 (+121)	924
Coshocton/43812	891 (+116)	894
Fresno/43824	878 (+113)	880
Walhonding/43843	884 (+115)	888
Warsaw/43844	888 (+115)	892
W. Lafayette/43845	889 (+116)	891

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

- 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
- 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 (*Koelreuteria 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

Events that should be occurring next are:

- Emerald ash borer (*Agrilus planipennis*), 50% adult emergence at 1000
- Rosebay Rhododendron (*Rhododendron maximum*), first bloom at 1010
- Greenspire Littleleaf Linden (*Tilia cordata*), full bloom at 1047
- Southern Catalpa (*Catalpa bignonioides*), full bloom at 1073
- June Bride Littleleaf Linden (*Tilia cordata*), full bloom at 1115
- Bottlebrush Buckeye (*Aesculus parviflora*), first bloom at 1158
- Large Crabgrass, 80% seedling emergence at 1160

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 to 70's, so our GDD numbers will increase at a fairly normal rate. It looks as though we'll have drier weather until early next week. We haven't seen many pollinators lately due to the rainy, cloudy weather, but hopefully that will change as we get some sunny days!

Still in bloom in the phenology area are: weigela, Bumald spirea, oakleaf hydrangea, and butterfly weed; the cutleaf elderberry opened this week. Also in bloom are speedwell, astilbe, and spiderwort. (Several of these plants have informational markers – we will have more plants marked soon.) Both the swamp milkweed and common milkweed have buds – no sign of monarch butterfly eggs yet. An older quinine plant, the rattlesnake master plant, lamb's ear, and some daylilies are in bud too.

If you happen to have viburnum species on your property, you may want to pick up a fact sheet on viburnum leaf beetle from the information station at Lake Park (or at the Coshocton County OSU Extension Office). There is a bee identification chart posted now; see if you can find some of the different kinds of bees buzzing around. Watch for more fact sheets and information to be posted soon in the garden!



The butterfly weed (*Asclepias tuberosa*) is blooming in the pollinator bed along the walkway at Lake Park. This is a type of milkweed on which monarch butterfly larva feed.



Now in its fourth season, the common milkweed (*Asclepias syriaca*) has increased from one plant to around thirty! We're looking forward to seeing monarch larva in a few weeks on these plants as well as on some swamp milkweed (*Asclepias incarnata*) plants that are nearby.

