

April 15, 2019

Good afternoon!

Everyone seemed to enjoy the sunshine and warmer temps we had last week! The warmth certainly made a difference as far as advancing our phenological events as several plants bloomed and some bees started to show themselves.

Although we are no longer reporting our plant data to the OSU Phenology Network, the OSU Phenology Calendar will remain online at <http://www.oardc.ohio-state.edu/gdd/CalendarView.asp> and available to those who would like to check it. We will be reporting our data from the phenology garden at Lake Park to a national research project. Please feel free to stop and ask questions if we are there working or contact us through the Extension office (find the contact info above).

Here is the data by town/zip code and the number of growing degree day units (GDD units) in our county as of April 14, 2019:

Adams Mills/43821	156 (+64 GDD from 4/7/19)	117 GDDS for 4/14/2018 (last year)
Conesville/43811	151 (+62)	114
Coshocton/43812	141 (+58)	112
Fresno/43824	130 (+53)	111
Walhonding/43843	129 (+52)	110
Warsaw/43844	135 (+55)	111
W. Lafayette/43845	142 (+58)	112

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

- Sargent Cherry (*Prunus sargentii*), first bloom at 127
- Japanese Pieris (*Pieris japonica*), full bloom at 129
- Saucer Magnolia (*Magnolia x soulangiana*), first bloom at 133
- Exotic Ambrosia Beetle (*Xylosandrus germanus*), first adult emergence at 136
- Common Flowering quince (*Chaenomeles speciose*), first bloom at 137
- Bradford Callery Pear (*Pyrus calleryana*), first bloom at 142
- European Pine Sawfly (*Neodiprion sertifer*), egg hatch at 144
- Weeping Higan Cherry (*Prunus subhirtella*), first bloom at 145
- PJM Rhododendron (*Rhododendron PJM*), first bloom at 147
- Smooth Crabgrass, first seedling emergence at 155
- Apple Serviceberry (*Amelanchier x grandiflora*), first bloom at 159
- Spruce Spider Mite (*Oligonychus ununguis*), egg hatch at 162
- Bradford Callery Pear (*Pyrus calleryana*), full bloom at 164

Events that should be occurring next are:

- Allegheny Serviceberry (*Amelanchier laevis*), full bloom at 169
- Saucer Magnolia (*Magnolia x soulangiana*), full bloom at 174
- PJM Rhododendron (*Rhododendron PJM*), full bloom at 178
- Weeping Higan Cherry (*Prunus subhirtella*), full bloom at 179
- Boxwood Psyllid (*Psylla negundinis*), egg hatch at 179
- Apple Serviceberry (*Amelanchier x grandiflora*), full bloom at 182
- Common Chokecherry (*Prunus virginiana*), first bloom at 182

We have a range of 129 to 156 GDD units across the county, disregarding micro-climates. Those 27 GDDs in difference account for why we may see a particular plant blooming in one part of the county and not in another; the ranges will likely expand as the blooming season continues. As you can see by looking at the GDDs listed for the same date last year, we are somewhat ahead for that time period, but that could change depending on the weather. Looking at the forecast for next week, we will see an increase in GDDs in our area. Our daytime highs will range from the 50's to the 70's; nightly lows will be in the upper 30's to lower 60's. At this point, it looks as though we'll have more rain later this week.

We have enjoyed seeing the blooms on the star magnolia – which survived Sunday's nasty storm – and forsythia in the phenology area; we're also seeing more green starts at the base of several perennials. Our PJM rhododendron bloomed over the weekend. Please note that it is still a bit early to rake everything out of our gardens and apply mulch. Keeping the leaves for a while longer gives our pollinators and wildlife some cover until the temperatures are reliably warmer. Apply mulch if needed after the ground has warmed up enough for root growth. Ornamental grasses can certainly be cut now and butterfly bushes (*Buddleia*) can be cut back as soon as you see new growth at the base. Check out the information station for fact sheets on mulching (NO VOLCANO MULCHING!) and two weeds, purple deadnettle and garlic mustard.



Our star magnolia (*Magnolia stella*) was out in full bloom this week!



The Autumn Joy sedum (*Hylotelephium 'Herbstfreude'*) is sending up new shoots.



Interesting variety of daffodils (*Narcissus*) in the "exit bed".



Rhododendron 'PJM' bloomed this weekend along the rail fence.

