

# Plant Health Care Report

## Scouting Report of The Morton Arboretum

May 24, 2019

Growing Degree Day issue

### What indicator plant is in bloom at the Arboretum?

Common lilac (*Syringa vulgaris*) is in flower (figure 1)



Figure 1 Common lilac

**Accumulated Growing Degree Days (Base 50): 192.5 (as of May 23)**

**Accumulated Growing Degree Days (Base 30): 1389.5 (as of May 23)**

### Degree Days and Weather Information

As of May 23, we have 192.5 base-50 growing degree days (GDD) at The Morton Arboretum. The historical average (1937-2018) for this date is 260 GDD<sub>50</sub>. We get questions about how the GDD differs between Lisle and the Arboretum (which is in Lisle). We addressed this in issue 2 (April 19). To show that this happens elsewhere, we are comparing the GDD in Glencoe to those at the Botanic Garden (which is in Glencoe) and showing the differences at two locations in Waukegan.

Location	B <sub>50</sub> Growing Degree Days Through May 23, 2019	Precipitation (in) May 17-23, 2019
Carbondale, IL*	681	
Champaign, IL*	433	
Chicago Botanic Garden**	147 (5/22)	1.67"
Glencoe	85	
Chicago O'Hare*	263	
Kankakee, IL*	306	
Lisle, IL*	279	
The Morton Arboretum	192.5	2.24"
Quincy, IL*	473	
Rockford, IL*	205	
Springfield, IL*	471	
Waukegan, IL* (60087)	173	
Waukegan, IL* (60085)	201	

\*\*Chris Henning, Chicago Botanic Garden, supplies us with this information.

\*We obtain most of our degree day information from the GDD Tracker from Michigan State University web site. For additional locations and daily degree days, go to <http://www.gddtracker.net/>



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