

Supplemental Material

Tables

Table S1. Summary of climate information in 2016, 2017 and historical averages from Frankfort 2NE monitoring station located 27 km south of the study site (MRCC 2018a).

Year	Mean Temp (°C)	Min Temp (°C)	Max Temp (°C)	Precipitation (in)
2016	10	6	14	32
2017	9	5	12	33
1998-2017*	9 (7-10)	5 (4-6)	13 (11-14)	32 (20-41)

* The average historical ranges include the maximum and maximum climate information within parenthesis.

Table S2. Holm-corrected P values for pairwise comparisons of the germination patterns whose Kaplan-Meier plots are shown in Figure 1A. Dates are the seed collection days in 2016.

	Jul 22	Jul 28	Aug 4	Aug 12
Jul 28	< 0.0001	–	–	–
Aug 4	< 0.0001	< 0.0001	–	–
Aug 12	< 0.0001	< 0.0001	< 0.0001	–
Aug 23	< 0.0001	< 0.0001	< 0.0001	0.7097

Table S3. Holm-corrected P values for pairwise comparisons of the germination patterns whose Kaplan-Meier plots are shown in Figure 1B. Dates are the seed collection days in 2017.

	Jul 26	Aug 1	Aug 8	Aug 16
Aug 1	< 0.0001	–	–	–
Aug 8	< 0.0001	< 0.0001	–	–
Aug 16	< 0.0001	< 0.0001	< 0.0001	–
Aug 22	< 0.0001	< 0.0001	< 0.0001	0.093

Table S4. Holm-corrected P values for pairwise comparisons of the germination patterns whose Kaplan-Meier plots are shown in Figure 3. Dates are the days on which source plants were sprayed with glyphosate.

	Jul 11	Jul 18	Jul 25
Jul 11	–	–	–
Jul 18	< 0.0001	–	–
Jul 25	< 0.0001	0.0077	–

Figure

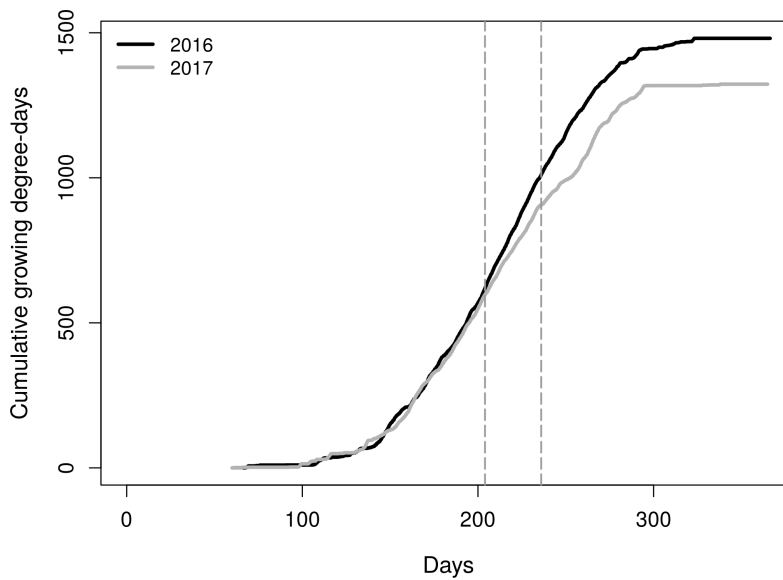


Fig. S1. Cumulative growing degree-days ($^{\circ}\text{C d}$) versus day of year in 2016 and 2017, based on hourly temperature data from Dow Memorial Airport (MRCC 2018b) with initial day March 1 in both years. Dashed vertical lines indicate the earliest and latest seed collection dates in 2016 and 2017.

References

- Midwest Regional Climate Center (MRCC). 2018a. Monthly climate data between specific months – Frankfort 2NE, Benzie County, Michigan, <https://mrcc.illinois.edu/> (accessed 20 January 2018).
- Midwest Regional Climate Center (MRCC). 2018b. Hourly station information – Dow Memorial Airport, Benzie County, Michigan, <https://mrcc.illinois.edu/> (accessed 25 November 2018).