

Table 2. Phenological Sequence for Wooster, Ohio, based on data collected from 1997 through 2001. Insect names are indicated in bold type. “First bloom” is defined as the date on which the first flower bud on the plant opens revealing pistils and/or stamens. “Full bloom” is defined as the date on which 95% of flower buds on the plant have opened (or 1 out of every 20 buds has yet to open).

| Species | Phenological Event | Degree-Day Base 50 | Average Date | Species | Phenological Event | Degree-Day Base 50 | Average Date |
|---------------------------------|------------------------|--------------------|---------------|------------------------------------|------------------------|--------------------|---------------|
| Silver Maple | first bloom | 34 | 2-Mar | Tatarian Honeysuckle | first bloom | 233 | 30-Apr |
| Corneliancherry Dogwood | first bloom | 40 | 16-Mar | Common Lilac | first bloom | 234 | 1-May |
| Silver Maple | full bloom | 42 | 19-Mar | Persian Lilac | first bloom | 240 | 1-May |
| Red Maple | first bloom | 44 | 24-Mar | Ohio Buckeye | first bloom | 245 | 2-May |
| Northern Lights Forsythia | first bloom | 58 | 26-Mar | Eastern Redbud | full bloom | 245 | 2-May |
| Japanese Pieris | first bloom | 60 | 27-Mar | Snowdrift Crabapple | full bloom | 250 | 2-May |
| Star Magnolia | first bloom | 83 | 31-Mar | Donald Wyman Crabapple | full bloom | 251 | 3-May |
| Border Forsythia | first bloom | 86 | 30-Mar | Common Horsechestnut | first bloom | 251 | 4-May |
| Eastern Tent Caterpillar | egg hatch | 92 | 1-Apr | Hawthorn Lace Bug | adult emergence | 253 | 29-Apr |
| Northern Lights Forsythia | full bloom | 94 | 29-Mar | Japanese Flowering Crab | full bloom | 254 | 3-May |
| Corneliancherry Dogwood | full bloom | 98 | 1-Apr | Hawthorn Leafminer | adult emergence | 260 | 1-May |
| Norway Maple | first bloom | 116 | 3-Apr | Coral Burst Crabapple | full bloom | 263 | 5-May |
| Border Forsythia | full bloom | 116 | 4-Apr | Flowering Dogwood | first bloom | 263 | 5-May |
| Chanticleer Callery Pear | first bloom | 123 | 4-Apr | Red Buckeye | first bloom | 265 | 5-May |
| Sargent Cherry | first bloom | 127 | 4-Apr | Carolina Silverbell | full bloom | 266 | 5-May |
| Larch Casebearer | egg hatch | 128 | 6-Apr | Blackhaw Viburnum | first bloom | 269 | 6-May |
| Japanese Pieris | full bloom | 129 | 7-Apr | Imported Willow | | | |
| Saucer Magnolia | first bloom | 133 | 5-Apr | Leaf Beetle | adult emergence | 274 | 5-May |
| Common Floweringquince | first bloom | 137 | 8-Apr | Red Chokeberry | first bloom | 281 | 6-May |
| Bradford Callery Pear | first bloom | 142 | 9-Apr | Wayfaringtree Viburnum | full bloom | 290 | 7-May |
| European Pine Sawfly | egg hatch | 144 | 10-Apr | Sargent Crabapple | full bloom | 298 | 7-May |
| Weeping Higan Cherry | first bloom | 145 | 10-Apr | Persian Lilac | full bloom | 303 | 8-May |
| PJM Rhododendron | first bloom | 147 | 11-Apr | Umbrella Magnolia | first bloom | 304 | 9-May |
| Norway Maple | full bloom | 149 | 11-Apr | Red Horsechestnut | first bloom | 204 | 7-May |
| Chanticleer Callery Pear | full bloom | 149 | 13-Apr | Pine Needle Scale | egg hatch | 305 | 8-May |
| Inkberry Leafminer | adult emergence | 150 | 11-Apr | | 1st generation | | |
| Sargent Cherry | full bloom | 151 | 10-Apr | Cooley Spruce Gall Adelgid | egg hatch | 308 | 8-May |
| Star Magnolia | full bloom | 151 | 11-Apr | Eastern Spruce Gall Adelgid | egg hatch | 308 | 8-May |
| Allegheny Serviceberry | first bloom | 153 | 16-Apr | Vanhoutte Spirea | first bloom | 309 | 9-May |
| Spring Snow Crabapple | first bloom | 155 | 16-Apr | Common Lilac | full bloom | 315 | 9-May |
| Manchu Cherry | full bloom | 155 | 8-Apr | Pink Princess Weigela | first bloom | 316 | 8-May |
| Apple Serviceberry | first bloom | 159 | 17-Apr | Blackhaw Viburnum | full bloom | 322 | 9-May |
| Compact Garland Spirea | first bloom | 159 | 17-Apr | Redosier Dogwood | first bloom | 323 | 10-May |
| Spruce Spider Mite | egg hatch | 162 | 13-Apr | Dwarf Fothergilla | full bloom | 325 | 11-May |
| Bradford Callery Pear | full bloom | 164 | 15-Apr | Winter King Hawthorn | first bloom | 328 | 10-May |
| Allegheny Serviceberry | full bloom | 169 | 19-Apr | Lilac Borer | adult emergence | 330 | 11-May |
| Saucer Magnolia | full bloom | 174 | 18-Apr | Slender Deutzia | first bloom | 338 | 11-May |
| PJM Rhododendron | full bloom | 178 | 19-Apr | Common Horsechestnut | full bloom | 344 | 12-May |
| Boxwood Psyllid | egg hatch | 179 | 17-Apr | Red Chokeberry | full bloom | 351 | 12-May |
| Weeping Higan Cherry | full bloom | 179 | 20-Apr | Doublefile Viburnum | first bloom | 353 | 12-May |
| Common Chokecherry | first bloom | 182 | 21-Apr | Pagoda Dogwood | first bloom | 363 | 13-May |
| Apple Serviceberry | full bloom | 182 | 21-Apr | Red Java Weigela | first bloom | 365 | 13-May |
| Koreanspice Viburnum | first bloom | 185 | 21-Apr | Black Cherry | first bloom | 368 | 13-May |
| Regent Serviceberry | first bloom | 186 | 22-Apr | Common Sweetshrub | first bloom | 371 | 14-May |
| Japanese Flowering Crabapple | first bloom | 189 | 22-Apr | Lesser Peach Tree Borer | adult emergence | 372 | 14-May |
| Eastern Redbud | first bloom | 191 | 23-Apr | Ohio Buckeye | full bloom | 374 | 14-May |
| Gypsy Moth | egg hatch | 192 | 23-Apr | Holly Leafminer | adult emergence | 375 | 13-May |
| Donald Wyman Crabapple | first bloom | 197 | 23-Apr | Euonymus Scale | egg hatch | 406 | 16-May |
| Snowdrift Crabapple | first bloom | 198 | 23-Apr | | 1st generation | | |
| Koreanspice Viburnum | full bloom | 205 | 24-Apr | Vanhoutte Spirea | full bloom | 406 | 16-May |
| Compact Garland Spirea | full bloom | 205 | 24-Apr | Ohio Pioneer Thicket Hawthorn | first bloom | 406 | 16-May |
| Azalea Lace Bug | egg hatch | 206 | 23-Apr | Catawba Rhododendron | first bloom | 407 | 17-May |
| Spring Snow Crabapple | full bloom | 209 | 25-Apr | Winter King Hawthorn | full bloom | 410 | 17-May |
| Carolina Silverbell | first bloom | 213 | 25-Apr | Tatarian Honeysuckle | full bloom | 410 | 17-May |
| Common Floweringquince | full bloom | 214 | 27-Apr | Beautybush | first bloom | 417 | 17-May |
| Birch Leafminer | adult emergence | 215 | 26-Apr | Black Cherry | full bloom | 419 | 18-May |
| Coral Burst Crabapple | first bloom | 217 | 27-Apr | Miss Kim Manchurian Lilac | first bloom | 422 | 18-May |
| Regent Serviceberry | full bloom | 219 | 27-Apr | White Fringetree | first bloom | 435 | 19-May |
| Elm Leafminer | adult emergence | 219 | 24-Apr | Locust Leafminer | adult emergence | 437 | 16-May |
| Common Chokecherry | full bloom | 221 | 28-Apr | Red Horsechestnut | full bloom | 440 | 20-May |
| Alder Leafminer | adult emergence | 224 | 25-Apr | Doublefile Viburnum | full bloom | 444 | 20-May |
| Honeylocust Spider Mite | egg hatch | 227 | 27-Apr | Bush Cinquefoil | first bloom | 444 | 20-May |
| Wayfaringtree Viburnum | first bloom | 229 | 29-Apr | Snowmound Nippon Spirea | first bloom | 445 | 19-May |
| Sargent Crabapple | first bloom | 230 | 29-Apr | Red Prince Weigela | first bloom | 446 | 19-May |
| Honeylocust Plant Bug | egg hatch | 231 | 30-Apr | Pink Princess Weigela | full bloom | 446 | 19-May |

Table 2. cont'd. Phenological Sequence for Wooster, Ohio. Insect names are indicated in bold type.

| Species | Phenological Event | Degree-Day Base 50 | Average Date | Species | Phenological Event | Degree-Day Base 50 | Average Date |
|-------------------------------|------------------------|-----------------------|-----------------|------------------------------|---------------------------|-----------------------|-----------------|
| Redosier Dogwood | full bloom | 448 | 20-May | Red Prince Weigela | full bloom | 727 | 8-June |
| Scarlet Firethorn | first bloom | 459 | 21-May | Washington Hawthorn | full bloom | 731 | 9-June |
| Black Locust | first bloom | 467 | 21-May | Calico Scale | egg hatch | 748 | 6-June |
| Ohio Pioneer Thicket Hawthorn | full bloom | 470 | 24-May | European Fruit | | | |
| Red Buckeye | full bloom | 471 | 21-May | Lecanium Scale | egg hatch | 767 | 7-June |
| Common Ninebark | first bloom | 478 | 22-May | Striped Pine Scale | egg hatch | 783 | 8-June |
| Pagoda Dogwood | full bloom | 479 | 23-May | Winterberry Holly | first bloom | 794 | 9-June |
| Um brella Magnolia | full bloom | 480 | 22-May | Japanese Tree Lilac | full bloom | 808 | 13-June |
| Sweet Mockorange | first bloom | 482 | 22-May | Rhododendron Borer | adult emergence | 815 | 10-June |
| Oystershell Scale | egg hatch | 497 | 24-May | Northern Catalpa | full bloom | 816 | 13-June |
| Miss Kim Manchurian Lilac | full bloom | 498 | 24-May | Mountain-laurel | full bloom | 822 | 14-June |
| Smokebush | first bloom | 501 | 24-May | Dogwood Borer | adult emergence | 830 | 10-June |
| Catawba Rhododendron | full bloom | 503 | 25-May | Oakleaf Hydrangea | first bloom | 835 | 12-June |
| White Fringetree | full bloom | 517 | 25-May | Cottony Maple Scale | egg hatch | 851 | 12-June |
| Arrowwood Viburnum | first bloom | 534 | 27-May | Panicle Hydrangea | first bloom | 856 | 13-June |
| American Yellowwood | first bloom | 546 | 27-May | Fall Webworm | egg hatch | 867 | 16-June |
| Bronze Birch Borer | adult emergence | 547 | 28-May | Mimosa Webworm | egg hatch | 874 | 13-June |
| Black Locust | full bloom | 548 | 27-May | | 1st generation | | |
| Multiflora Rose | first bloom | 548 | 28-May | Fuzzy Deutzia | full bloom | 884 | 14-June |
| American Holly | first bloom | 556 | 28-May | Winged Euonymus Scale | egg hatch | 892 | 14-June |
| Red Java Weigela | full bloom | 565 | 29-May | Spruce Budscale | egg hatch | 894 | 17-June |
| Mountain-laurel | first bloom | 565 | 30-May | Winterberry Holly | full bloom | 897 | 14-June |
| Scarlet Firethorn | full bloom | 566 | 30-May | Greenspire Littleleaf Linden | first bloom | 899 | 18-June |
| Sweetbay Magnolia | first bloom | 566 | 27-May | American Elder | full bloom | 909 | 18-June |
| Potato Leafhopper | adult arrival | 568 | 29-May | Southern Catalpa | first bloom | 913 | 15-June |
| Juniper Scale | egg hatch | 571 | 29-May | Bumald Spirea | full bloom | 917 | 18-June |
| Snowmound Nippon Spirea | full bloom | 583 | 31-May | Panicked Goldenraintree | first bloom | 924 | 19-June |
| Beautybush | full bloom | 592 | 31-May | June Bride Lettleleaf Linden | first bloom | 953 | 18-June |
| Chinese Dogwood | first bloom | 593 | 1-June | Azalea Bark Scale | egg hatch | 957 | 18-June |
| Common Ninebark | full bloom | 596 | 1-June | Japanese Beetle | adult emergence | 970 | 21-June |
| American Yellowwood | full bloom | 599 | 28-May | Rosebay Rhododendron | first bloom | 1010 | 24-June |
| Smokebush | full bloom | 611 | 2-June | Greenspire Littleleaf Linden | full bloom | 1047 | 24-June |
| Arrowwood Viburnum | full bloom | 621 | 3-June | Southern Catalpa | full bloom | 1073 | 23-June |
| Japanese Tree Lilac | first bloom | 622 | 2-June | June Bride Littleleaf Linden | full bloom | 1115 | 26-June |
| Bumald Spirea | first bloom | 624 | 3-June | Bottlebrush Buckeye | first bloom | 1158 | 27-June |
| Washington Hawthorn | first bloom | 635 | 3-June | Ural Falsespirea | first bloom | 1170 | 28-June |
| American Holly | full bloom | 642 | 4-June | Panicked Goldenraintree | full bloom | 1251 | 5-July |
| Multiflora Rose | full bloom | 643 | 4-June | Rose-of-Sharon | first bloom | 1347 | 8-July |
| Northern Catalpa | first bloom | 675 | 6-June | Pine Needle Scale | egg hatch | 1349 | 6-July |
| Black Vine Weevil | adult emergence | 677 | 30-May | | 2nd generation | | |
| Peach Tree Borer | adult emergence | 702 | 5-June | Euonymus Scale | egg hatch | 1923 | 26-July |
| American Elder | first bloom | 707 | 8-June | | 2nd generation | | |
| Sweet Mockorange | full bloom | 717 | 8-June | Magnolia Scale | crawler appearance | 2120 | 4-Aug |
| Fuzzy Deutzia | first bloom | 727 | 6-June | Banded Ash | | | |
| | | | | Clearwing Borer | adult emergence | 2195 | 14-Aug |