Table 3: Bloom date of apples and accumulated growing degree days (GDD) from green tip on control based on ambient temperature, 2014 season at St. Joseph, and Charlotte, MI.

|  |  |  |  |
| --- | --- | --- | --- |
| Orchard Location | Variety | Study | 2014 |
|   |   |   |  bloom date | GDD (deg C) | Fruits per flowering spur |
| St. Joseph | Gala  | Control | 15-May | 175 | 44.01 |
| Mist off on May 13 | 20-May | 227 | 44.14 |
| Mist off on May 16 | 23-May | 262 | 62.27 |
| Red Delicious | Control | 16-May | 188 | 100.0 |
| Mist off on May 13 | 22-May | 254 | 46.88 |
| Mist off on May 16 | 25-May | 285 | 66.24 |
| Honey Crisp | Control | 20-May | 227 | 84.12 |
| Mist off on May 13 | 26-May | 301 | 94.44 |
| Mist off on May 16 | 28-May | 333 | 84.17 |
| Charlotte | Honey Crisp | Control | 20-May | 203 | 70.00 |
| Misted | 26-May | 288 | 75.00 |