

# ISU Southeast Research Farm, Crawfordsville, IA

Grape Maturity based on GDD (base=50, cap=86) from May 1

Iowa Ag Climate Network <http://mesonet.agron.iastate.edu/agclimate/index.phtml>

|  | <b>Cultivar</b>     | <b>2006</b> | <b>2007</b> | <b>2008</b> | <b>2009</b> |
|--|---------------------|-------------|-------------|-------------|-------------|
| 1  | GR-7                | 2138?       | 2418-       | 2437        |             |
| 2  | NY 73 (Noriet)      | 2679?       | 2759-       | 2521+       |             |
| 3  | NY 76               | -           | 2499-       | 2437+       |             |
| 4  | NY 84               | 2138        | 2418-       | 2225        | 2196        |
| 5  | NY 70 (Corot noir)  | 2451        | 2499-       | 2437        | 2421        |
| 6  | La Crescent         | 2563        | 2418-       | 2437+       | 2316        |
| 7  | Prairie Star        | 2138?       | 2418--      | 2075-       | 2062        |
| 8  | Frontenac gris      | -           | -           | 2521+       | 2421        |
| 9  | Swenson White       | -           | 2418-       | 2225        | 2196        |
| 10   | Brianna             | 1846        | 1967        | 2075-       | 2062        |
| 11   | MN 1211 (Marquette) | -           | -           | 2225+       | 2126        |
| 12   | MN 1198             | 2451?       | 2613-       | 2366+       | 2316        |
| 13   | Cayuga White        | 2269+       | 2499        | 2225+       | 2196        |
| 14   | Chancellor          | 2563        | 2587        | 2437+       | 2421        |
| 15   | De Chaunac          | 2451        | 2587        | 2437        | 2421        |
| 16   | Esprit              | 2451?       | 2417        | 2437        | 2316        |
| 17   | Landot 4511         | 2451-       | 2499-       | 2366        | 2196        |
| 18   | Leon Millot         | 2138?       | 1941+       | 2137+       | 2126        |
| 19   | St. Vincent         | 2957        | 2912        | 2783++      |             |
| 20   | Vidal blanc         | 2563        | 2759        | 2417        | 2421        |
|  |                     |             |             |             |             |
| 21   | Foch                | 2269+       | 2418-       | 2241        | 2062        |
| 22   | Frontenac           | 2874        | 2418+       | 2521+       |             |
| 23   | Cynthiana           | 3036        | 3150        | 2783++      |             |
| 24   | St. Croix           | 2451-       | 2418-       | 2225+       | 2196        |
| 25   | Chambroucin         | 2775?       | 2759        | 2783+       |             |
| 26   | Seyval blanc        | 2138        | 2418--      | 2211        | 2011        |
| 27   | La Crosse           | 2451        | 2418--      | 2366+       | 2196        |
| 28   | Vignole             | 2563        | 2499?       | 2521+       |             |
| 29   | Traminette          | 2451        | 2613--      | 2521+       |             |
| 30   | Edelweiss           | 2138        | 1967+       | 2211-       | 1982        |
| 31   | Marquis             | 2269+       | 2324+       | 2075++      | 2088+       |
| 32   | Vanessa             | 2138-       | 1941        | 2075        | -           |
| 33   | Reliance            | 2269-       | 2324-       | 2075-       | 1903        |
| 34   | Mars                | 2269+       | 2101-       | 2241        |             |
| 35   | Jupiter             | 1846        | 1967        | 2075-       | 1903        |
| <b>Growing Degree Days, base=50 F, cap=86 F (Deviation from normal )</b> |                     |             |             |             |             |
|  | August 1            | 1779 (-118) | 1893 (-4)   | 1698 (-199) | 1532 (-365) |
|  | September 1         | 2498 (-139) | 2677 (40)   | 2309 (-328) | 2105 (-531) |
|  | October 1           | 2890 (-220) | 3202 (91)   | 2728 (-382) |             |

+ harvested early

- harvested late

? questionable reading

?? no harvest test