

ISU Horticulture Research Station, Gilbert, 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>

	Cultivar	2005	2006	2007	2008	2009
1	GR-7		2629	2586?	2665+	
2	NY 73 (Noriet)		2877-	2850?	2824	
3	NY 76		-	2586?	2461++	
4	NY 84		-	2478	2461	
5	NY 70 (Corot noir)		2604	2714	2824	
6	La Crescent		2534	2665	2667++	
7	Prairie Star		2004-	2164+	2290+	1977-
8	Frontenac gris		2604	2665	2667+	
9	Swenson White		-	2342	2369+	2181
10	Brianna		2004-	2164	2156	2055
11	MN 1211 (Marquette)		2445	2478	2667+	2269+
12	MN 1198		2712	2586?	2290++	2378
13	Cayuga White		2705	2586?	2290??	
14	Chancellor		2810	2714	2667+	
15	De Chaunac		2810	2714-	2857??	
16	Esprit		2507-	2586?	2546	
17	Landot 4511		2709--	2586?	2690??	2378
18	Leon Millot		2308-	2164	2290+	1977
19	St. Vincent		2876+	3046+	2824++	
20	Vidal blanc		-	3046-	2857??	
1	Foch	2337	2308	2342	2290+	1977++
2	Frontenac	2206++	2696	2738	2684++	
3	Cynthiana	2769++	2939++	3112+	2824++	
4	St. Croix	2448-	2239+	2342	2381++	
5	Chambroucin	-	2877++	3046+	2824++	
6	Seyval blanc	2206+	2427	2342	2359??	2055++
7	La Crosse	2285+	2629	2714	2602+	2055++
8	Vignole	2466+	2709-	2665+	2667++	
9	Traminette	-	2629	2714	2824+	
10	Edelweiss	2021	2136	2164	2310+	1870+
11	Marquis	-	2507	2478	2381	
12	Vanessa	1915	1959	1730	2081-	1870
13	Reliance	1915	1978	1730	2081-	1870
14	Mars	2206	2395+	2478	2326	1870+
15	Jupiter	-	2136-	1730	2081	1870
Growing Degree Days, base=50 F, cap=86 F (Deviation from normal)						
	August 1	1686 (-56)	1781 (39)	1830 (88)	1633 (-109)	1466 (-276)
	September 1	2321 (-91)	2458 (46)	2581 (170)	2257 (-155)	2033 (-378)
	October 1	2850 (18)	2806 (-26)	3090 (259)	2675 (-156)	

+ harvested early

- harvested late

? questionable reading

?? no harvest test