

ISU Armstrong Research Farm, Lewis, 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		2250-	2146?	2420?	2288
2	NY 73 (Noriet)		2677	2547	2552	2563
3	NY 76		2380?	2306-	2404	2288
4	NY 84		2250	2164?	2319	2288
5	NY 70 (Corot noir)		2250+	2409	2552	2505
6	La Crescent		2165-	2164?	2319	2090
7	Prairie Star		2165-	2164-	2277-	2049
8	Frontenac gris		-	-	2420+	2288
9	Swenson White		2165-	2306	2319	2288
10	Brianna		2016-	1974-	2277-	2049
11	MN 1211 (Marquette)		2293	2409	2319+	2288
12	MN 1198		2293	2409	2404-	2049+
13	Cayuga White		2250	2380	2356	2308
14	Chancellor		2677	2547	2563	2288
15	De Chaunac		2546	2409	2356+	2288
16	Esprit		2250	2306	2277	2288-
17	Landot 4511		2332	2409	2245	2288
18	Leon Millot		2016	1974-	2210	2049
19	St. Vincent		2832	3059	2804	
20	Vidal blanc		2677-	2694-	2440	2505-
1	Foch	2456	2165-	2164-	2277	2049
2	Frontenac	2631+	2563	2694-	2404+	2449
3	Cynthiana	3031+	2897-	3059+	2921+	
4	St. Croix	2456?	2165-	2306?	2277	2288
5	Chambroucin	3031+	2832	3059	2804+	
6	Seyval blanc	2456	2165-	2306?	2277-	2124
7	La Crosse	2456	2446?	2306-	2277	2204
8	Vignole	2921	2677-	2641?	2440	2494
9	Traminette	2822+	2546	2862	2478	2505
10	Edelweiss	2163+	2165+	2306	2245	2141
11	Marquis	2311	2832	2547	2356	2151
12	Vanessa	1829	2016	1974+	2210-	2069
13	Reliance	1991-	2225	1974	2210-	2069-
14	Mars	2145	2546	2547	2210	2251
15	Jupiter	1991	2165	2164	2210	2069
Growing Degree Days, base=50 F, cap=86 F (Deviation from normal)						
	August 1	1826 (66)	1843 (83)	1879 (119)	1710 (-51)	1577 (-183)
	September 1	2516 (79)	2528 (90)	2653 (216)	2366 (-71)	2165 (-272)
	October 1	3082 (227)	2896 (41)	3148 (293)	2801 (-54)	

+ harvested early

- harvested late

? questionable reading

?? no harvest test