

Historical Phenology Chart

Year	Bud Break	BB Date	BB Julian	Jan GDD	Apr GDD	Bloom	Bl Date	Bl Julian	Jan GDD	Apr GDD	Veraison	Ver Date	Ver Julian	Jan GDD	Apr GDD	BB to Bloom	Bloom to Ver
1965						6/20/1965	6/20	171	561	561	8/24/1965	8/24/2011	236	1765	1765		65
1966						6/23/1966	6/23	174	587	562	8/30/1966	8/30/2011	242	2001	1977		68
1967						6/17/1967	6/17	168	594	554	8/21/1967	8/21/2011	233	1882	1842		65
1968						6/21/1968	6/21	173	656	609	8/31/1968	8/31/2011	244	2093	2046		71
1969						6/23/1969	6/23	174	589	589	8/27/1969	8/27/2011	239	1945	1945		65
1970						6/10/1970	6/10	161	604	604	8/21/1970	8/21/2011	233	2057	2057		72
1971						6/21/1971	6/21	172	553	552	8/26/1971	8/26/2011	238	1853	1852		66
1972						6/19/1972	6/19	171	571	571	9/1/1972	9/1/2011	245	1982	1982		74
1973						6/16/1973	6/16	167	655	617	8/24/1973	8/24/2011	236	2112	2074		69
1974						6/17/1974	6/17	168	634	618	8/29/1974	8/29/2011	241	2045	2029		73
1975						6/13/1975	6/13	164	621	621	8/17/1975	8/17/2011	229	2037	2037		65
1976						6/14/1976	6/14	166	628	568	8/24/1976	8/24/2011	237	1912	1853		71
1977						6/4/1977	6/4	155	595	528	8/21/1977	8/21/2011	233	2072	2005		78
1978						6/18/1978	6/18	169	570	570	8/26/1978	8/26/2011	238	1993	1993		69
1979	5/10/1979	5/10	130	183	152	6/15/1979	6/15	166	601	571	8/22/1979	8/22/2011	234	1869	1838	36	68
1980	5/13/1980	5/13	134	91	91	6/23/1980	6/23	175	538	538	8/29/1980	8/29/2011	242	2010	2010	41	67
1981	5/6/1981	5/6	126	114	91	6/16/1981	6/16	167	604	581	8/20/1981	8/20/2011	232	1918	1895	41	65
1982	5/7/1982	5/7	127	105	101	6/14/1982	6/14	165	517	513	8/24/1982	8/24/2011	236	1719	1715	38	71
1983	5/13/1983	5/13	133	147	118	6/23/1983	6/23	174	644	615	8/30/1983	8/30/2011	242	2164	2135	41	68
1984	5/14/1984	5/14	135	97	95	6/19/1984	6/19	171	590	587	8/26/1984	8/26/2011	239	1788	1786	36	68
1985	4/25/1985	4/25	115	179	166	6/8/1985	6/8	159	578	565	8/22/1985	8/22/2011	234	1935	1923	44	75
1986	4/28/1986	4/28	118	162	104	6/9/1986	6/9	160	656	598	8/19/1986	8/19/2011	231	2078	2020	42	71
1987	4/24/1987	4/24	114	146	115	6/4/1987	6/4	155	638	607	8/11/1987	8/11/2011	223	2099	2068	41	68
1988	5/9/1988	5/9	130	116	110	6/16/1988	6/16	168	598	592	8/23/1988	8/23/2011	236	2197	2191	38	68
1989	5/18/1989	5/18	138	105	72	6/23/1989	6/23	174	649	616	8/25/1989	8/25/2011	237	1941	1908	36	63
1990	4/27/1990	4/27	117	158	88	6/15/1990	6/15	166	637	567	8/24/1990	8/24/2011	236	1923	1922	49	70
1991	4/29/1991	4/29	119	165	137	5/31/1991	5/31	151	613	585	8/5/1991	8/5/2011	217	1923	1895	32	66
1992	5/8/1992	5/8	129	120	115	6/17/1992	6/17	169	616	611	9/2/1992	9/2/2011	246	1814	1809	40	77
1993	5/5/1993	5/5	125	173	172	6/18/1993	6/18	169	608	607	8/23/1993	8/23/2011	235	2014	2013	44	66
1994	5/2/1994	5/2	122	110	98	6/19/1994	6/19	170	590	577	8/27/1994	8/27/2011	239	1983	1971	48	69
1995	5/13/1995	5/13	133	129	98	6/19/1995	6/19	170	659	628	8/25/1995	8/25/2011	237	2277	2246	37	67
1996	5/15/1996	5/15	136	135	125	6/19/1996	6/19	171	658	648	8/26/1996	8/26/2011	239	2059	2049	35	68
1997	5/20/1997	5/20	140	101	83	6/26/1997	6/26	177	604	586	9/3/1997	9/3/2011	246	1832	1814	37	69
1998	4/27/1998	4/27	117	135	46	6/5/1998	6/5	156	612	523	8/17/1998	8/17/2011	229	2114	2025	39	73
1999	5/4/1999	5/4	124	106	94	6/9/1999	6/9	160	582	570	8/14/1999	8/14/2011	226	2047	2035	36	66
2000	5/3/2000	5/3	124	110	46	6/12/2000	6/12	164	597	533	8/22/2000	8/22/2011	235	1912	1848	40	71
2001	5/1/2001	5/1	121	139	137	6/13/2001	6/13	164	593	591	8/19/2001	8/19/2011	231	2046	2044	43	67
2002	4/19/2002	4/19	109	146	130	6/20/2002	6/20	171	644	628	8/25/2002	8/25/2011	237	2242	2226	62	66
2003	5/5/2003	5/5	125	112	95	6/25/2003	6/25	176	624	607	9/2/2003	9/2/2011	245	2096	2079	51	69
2004	5/2/2004	5/2	123	154	114	6/8/2004	6/8	160	652	613	8/23/2004	8/23/2011	236	2011	1971	37	76
2005	5/10/2005	5/10	130	129	104	6/13/2005	6/13	164	603	578	8/21/2005	8/21/2011	233	2351	2326	34	69
2006	4/30/2006	4/30	120	124	105	6/14/2006	6/14	165	607	587	8/22/2006	8/22/2011	234	2166	2146	45	69
2007	5/8/2007	5/8	128	146	96	6/10/2007	6/10	161	630	581	8/18/2007	8/18/2011	230	2075	2026	33	69
2008	4/24/2008	4/24	115	154	132	6/14/2008	6/14	166	673	651	8/23/2008	8/23/2011	236	2044	2022	51	70
2009	5/3/2009	5/3	123	136	123	6/14/2009	6/14	165	544	531	9/1/2009	9/1/2011	244	1976	1963	42	79
2010	4/27/2010	4/27	117	142	139	6/4/2010	6/4	155	575	572	8/14/2010	8/14/2011	226	2132	2129	38	71
2011	5/10/2011	5/10	130	133	124	6/11/2011	6/11	162	642	634	8/20/2011	8/20/2011	232	2200	2192	32	70
2012	4/25/2012	4/25	116	184	53	6/5/2012	6/5	157	618	487	8/10/2012	8/10/2011	223	2058	1927	41	66
2013	5/3/2013	5/3	123	140	120	6/10/2013	6/10	161	563	543	8/19/2013	8/19/2011	231	1878	1859	38	70
2014	5/12/2014	5/12	132	159	159	6/16/2014	6/16	167	637	637	8/25/2014	8/25/2011	237	2024	2024	35	70
2015	5/8/2015	5/8	128	159	159	6/10/2015	6/10	161	642	642	8/20/2015	8/20/2011	232	2035	2035	33	71
2016	5/7/2016	5/7	128	119	64	6/12/2016	6/12	164	557	536	8/21/2016	8/21/2011	234	2049	2103	36	66
2017	4/27/2017	4/27	117	157	132	6/12/2017	6/12	163	584.2	559.4	8/20/2017	8/20/2011	232	1966	1941	46	69
2018	5/9/2018	5/9	129	151	131												
Avg		5/4	125	136	110		6/14	166	607	583		8/23	235	2014	1993	41	69
St. Dev		7.3		24.8	31.0		6.1		35.3	36.5		5.9		129.	128.0	6.2	3.6
			7.7					6.1					6.0	0			