

## TABLE OF DEGREE-DAY ACCUMULATIONS FOR EUROPEAN GRAPEVINE MOTH IN SELECTED LOCATIONS IN CALIFORNIA

To understand degree-day accumulation as it relates to the different stages of EGVM please read the article at: <http://cesonoma.ucdavis.edu/files/81889.pdf>. In Oakville, Napa County, the first egg hatch was observed this year on April 28 at 600 degree-days Fahrenheit (DDF); 2<sup>nd</sup> larval stage on May 12 (DDF), 3<sup>rd</sup> larval stages on May 19 (813 DDF), 4<sup>th</sup> and 5<sup>th</sup> larval stages on May 26 (878 DDF), and prepupa on June 5 (943 DDF). The first moth of the second flight was caught on June 24<sup>th</sup> at 1253 DDF. After 1185 DDF have been accumulated (~234 DDF after pupation), any moth caught marks the beginning of the second flight. For second generation control, timing of an ovicidal-larvicidal insecticide should begin after reaching 1400 DDF and for a larvicidal insecticide after reaching 1550 DDF. Moths trapped after 2350 DDF have been accumulated are considered moths of the third flight.

Table 1. Degree-days accumulated from January 1, 2011 in **Fahrenheit\***

Station**	County	Degree-days (2011)														
		5/22	5/30	6/5	6/12	6/19	6/26	7/3	7/10	7/17	7/24	7/31	8/7	8/14	8/21	8/28
Oakville #77	Napa	846	906	944	1034	1157	1284	1407	1547	1645	1774	1895	2008	2122	2228	2367
Carneros #109	Napa	770	830	869	939	1038	1141	1247	1355	1446	1560	1667	1759	1844	1932	2048
Hastings #212	Solano	785	858	908	1003	1146	1299	1436	1599	1704	1853	2001	2141	2293	2431	2592
Windsor #103	Sonoma	700	761	794	868	973	1086	1189	1302	1386	1488	1587	1689	1789	1883	2003
Santa Rosa #83	Sonoma	606	650	678	743	826	918	1007	1104	1177	1264	1344	1432	1521	1605	1717
Bennett Vly #158	Sonoma	645	691	718	793	896	1006	1100	1209	1276	1371	1457	1549	1650	1741	1853
Hopland #106	Mendocino	676	721	750	838	957	1087	1206	1352	1446	1583	1725	1850	1980	2104	2242
Ruddick Ukiah	Mendocino	642	686	715	803	920	1052	1165	1316	1413	1551	1693	1828	1959	2089	2229
Camino # 13	For Nevada	472	493	512	587	721	876	1004	1189	1289	1445	1623	1789	1957	2117	2296
Grass Valley	Nevada					758	920	1057	1238	1357	1500	1677	1847	2013	2172	2344
Lodi West #166	San Joaquin	789	859	914	1009	1153	1299	1433	1596	1691	1838	1979	2111	2248	2378	2533
Denair #206	For Merced	778	857	914	1020	1176	1341	1491	1676	1798	1961	2127	2283	2444	2599	2771
Del Rey (DELDF)	Fresno	926	1028	1099	1228	1399	1585	1751	1952	2104	2285	2472	2651	2828	2996	3185
Gilroy #211	Santa Clara	890	952	998	1087	1195	1308	1435	1566	1670	1790	1905	2016	2118	2223	2358
Santa Cruz #104	Santa Cruz	740	792	816	881	943	1012	1100	1177	1260	1339	1408	1482	1550	1626	1719
Watsonville West #209	Santa Cruz	614	647	675	719	765	815	879	925	985	1045	1102	1159	1205	1256	1315

\* Generated using University of California Integrated Pest Management Program (UC IPM) degree-day calculator, with 50<sup>o</sup> and 86<sup>o</sup>F as minimum and maximum thresholds, respectively. <http://www.ipm.ucdavis.edu/WEATHER/ddretrieve.html>

\*\* All stations are in the CIMIS or PestCast Networks and daily minimum-maximum temperature data reside on the UC IPM website.