

University of California Integrated Pest Management Insect Update #7
Tehama County 4/30/12

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/19	-	-	-	13.0	16.3	191
ORIENTAL FRUIT MOTH	2/23	-	-	-	3.4	19.8	715
PEACH TWIG BORER	4/23	-	-	-	6.8	15.0	101
NAVEL ORANGE WORM	-	-	-	-	-	-	?
SAN JOSE SCALE	4/16	-	-	-	.13	-	195

Biofixes indicate the date when these insects are consistently caught in traps. The 2012 biofix for Tehama County Codling moth is 4/19 following consistent moth catches. On Monday 4/30 we caught 104 moths with 30% female in the Ashley orchard we monitor at cone grove road. Our data suggests a female biofix at 4/26 and twilight temperatures suitable for egg laying since April 15 (62F). Assuming eggs were laid on the 4/26, average egg hatch could occur after 160 DD have accumulated. Assuming 16 DD per day, average egg hatch would occur about May 6.

Additional Pest management information is available at the UC IPM website including a day degree calculator and twilight temperature data. <http://www.ipm.ucdavis.edu>.

Richard P. Buchner and Cyndi K. Gilles
Orchard Advisor & Research Associate
UC Cooperative Extension Tehama County
(530) 527-3101