

University of California Integrated Pest Management Insect Update #8
Tehama County 4/29/13

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/8	-	-	-	3.6	18.3	313
ORIENTAL FRUIT MOTH	3/4	-	-	-	.19	23.3	882
PEACH TWIG BORER	4/1	-	-	-	8.1	18.3	384
NAVEL ORANGE WORM	4/11	-	-	-	.38	13.8	192
SAN JOSE SCALE	3/25	-	-	-	-	14.0	375

Codling moth Degree Days for Tehama walnut are currently at 313 slightly past the 300 DD first spray timing suggested by IPM. As of 4/29 our CM trap catches are trending down suggesting the end of the “1A”. The next flight increase should be the “1B” portion of the overwintering generation which is predicted to occur at about 600 DD. Assuming 20 DD per day, we would expect trap catch increase in 12-15 days.

Navel Orange Worm biofix in almonds occurred on 4/11 and we have observed steady egg laying since then. The dry weather in January through March possibly allowed better survival of NOW over wintering in mummy nuts. In addition, the warmer weather appears to have advanced the NOW life cycle which could result in an earlier third generation. This might be a year that favors NOW damage.

Additional Pest management information plus twilight temperatures are available at the UC IPM website including a day degree calculator. <http://www.ipm.ucdavis.edu>.

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