

University of California Integrated Pest Management Insect Update #23
Tehama County 8/20/12

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/19	6/27	8/9	-	.38	30.3	333
ORIENTAL FRUIT MOTH	2/23	5/11	6/25	8/6	2.3	35.8	498
PEACH TWIG BORER	4/23	7/2	8/13	-	11.8	30.3	220
NAVEL ORANGE WORM	5/3	7/23	-	-	0	26.3	704
SAN JOSE SCALE	4/16	-	-	-	-	28.0	2558

Codling moth DD are at 333 following the 8/9/12 third biofix .

We measured consistent egg laying for NOW in almond and set the second biofix at 7/23. Eggs laid on old nuts will need 1056 DD per generation, assuming 22 DD per day that would put the third biofix at September 9 with egg hatch 100 DD later on September 13. On new crop nuts it takes 723 DD per generation that would predict a third biofix on August 25 with egg hatch 100 DD later on August 29. We will continue to watch traps and verify if we get eggs on August 25 or September 9 as predicted.

The Dairyville Hartley orchard that we monitor for Walnut Husk Fly (WHF) was sprayed for WHF a third time on 8/13. Watch traps carefully to decide if additional applications are necessary.

For PTB we have a third biofix on 8/13/12.

For OFM we have a fourth biofix on 8/6/12.

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

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