

University of California Integrated Pest Management Insect Update #19
Tehama County 7/23/12

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	-	-	0	25.5	661
ORIENTAL FRUIT MOTH	2/23	5/11	6/25	-	1.6	30.8	844
PEACH TWIG BORER	4/23	7/2	-	-	18.0	25.5	542
NAVEL ORANGE WORM	5/3	-	-	-	.2	21.3	1396
SAN JOSE SCALE	4/16	-	-	-	-	26.7	1815

Codling moth DD is at 661 following the 6/27 second biofix. Not much exciting there.

NOW is at 1396 DD following the 5/3 biofix. We found 2 eggs on 7/16 and 3 eggs on 7/23 suggesting the start of egg laying. Trap data on Thursday will confirm the second biofix.

We caught 3 WHF females with eggs on 7/19 and 14 flies with 4 females with eggs on 7/23 and made our first spray application 7/20. Every orchard is different and 7/20 would be early for most orchards. The key is to use good quality traps placed high on the north side preferably in areas that had fly damage last year and read them frequently. Females have yellow front legs and if you squish the abdomen the eggs resemble grains of rice. Since it is not always certain that you found the very first eggs, It is suggested to treat when you find the first female with eggs.

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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