


University of California Integrated Pest Management Insect Update #8
Tehama County 5/1/17

Thank you

For our Trap Supplies

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/3	-	-	-	13.3	14.5	243
ORIENTAL FRUIT MOTH	3/13	-	-	-	.5	19.0	630
PEACH TWIG BORER	4/27	-	-	-	.63	14.5	58
NAVEL ORANGE WORM EGGS	-	-	-	-	-	-	?
SAN JOSE SCALE	3/30	-	-	-	-	12.3	244
WALNUT SCALE crawlers	-	-	-	-	-	-	?

We set the first biofix for codling moth at 4/3 in an Ashley walnut orchard just south of Red Bluff. CIMIS Gerber measured sunset temperature 68.7 F on 4/21, 66.3 F on 4/22 and 64.5 on 4/23 suggesting possible egg laying. Assuming egg laying on 4/24 plus the female biofix we have accumulate 91 degree days from egg laying. Research shows first egg hatch at 120 DD and average egg hatch at 160 DD . Suggesting spray timing about May 3.

Using the male biofix, 4/3 we have accumulated 243 DD with a spray timing at about 250 DD so the two techniques are predicting about the same first flight Codling Moth spray timing for 2017

No scale crawlers as of May 1, 2017.

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

Tehama Pest management updates are also available at http://cetehama.ucanr.edu/Orchard_Crops/Insect_Updates

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