

University of California Integrated Pest Management Insect Update #7
Tehama County 4/22/13

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/8	-	-	-	6.8	15.5	177
ORIENTAL FRUIT MOTH	3/4	-	-	-	.19	20.5	711
PEACH TWIG BORER	4/1	-	-	-	8.4	15.5	248
NAVEL ORANGE WORM	4/11	-	-	-	2.7	10.8	88
SAN JOSE SCALE	3/25	-	-	-	-	13.8	266

On 4/8 we caught 5 male CM. On 4/15 we caught 47 male and 12 female and on 4/22 we caught 38 male and 16 females in traps with combo lures. Codling Moth females lay eggs when twilight temperatures exceed 62 F. Cimis station #8 at Gerber measured 62.8 F on 4/17 & 65.3F on 4/18 & 72.1 F on 4/19 & 71.3 F on 4/20 and 70.8 F on 4/21. So the previous five twilights were suitable for egg laying. Eggs laid on 4/20 should hatch in about 150 Degree Days from that date. For this orchard "1A" spray timing would be in about 8 days (15 DD/day) or approximately 4/30.

Navel Orange Worm biofix in almonds occurred on 4/11 and we caught more eggs on 4/22 so that pest needs to be watched this year.

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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