

University of California Integrated Pest Management Insect Update #15
Tehama County 6/17/13

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	4/8	6/3	-	-	2.3	25.0	295
ORIENTAL FRUIT MOTH	3/4	5/6	6/13	-	4.4	30.5	122
PEACH TWIG BORER	4/1	6/3	-	-	5.8	25.0	295
NAVEL ORANGE WORM	4/11	6/17	-	-	.38	20.0	0
SAN JOSE SCALE	3/25	-	-	-	-	16.0	1317

Codling Moth are at 295 DD from the 6/3 biofix in the Ashley walnuts we monitor. We use two traps with combo lures located about 30 feet up in the canopy and check them Monday and Thursday each week. We did not see any “1B” activity this year so the next event should be the start of the third flight at about 1100 DD.

Notice the second biofix for NOW on 6/17(1101 DD from the first biofix). We monitor 4 egg traps in almonds near Red Bluff. Generation time is thought to be 1060 on less nutritious mummy nuts and 723 on new crop nuts. Assuming 723 and 20 DD per day that would put third egg laying at 36 days away or July 23 and a possible fourth egg laying on 8/28. It is too early to predict that far out but many feel this is a good year for 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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