

University of California Integrated Pest Management Insect Update #5
Tehama County 4/6/15

INSECT	FIRST BIOFIX	SECOND BIOFIX	THIRD BIOFIX	FOURTH BIOFIX	ACTIVITY MOTHS/DAY	AVG. DEG. DAYS/DAY	DAY DEGREES FROM BIOFIX
CODLING MOTH	3/16	-	-	-	6.2	8.5	234
ORIENTAL FRUIT MOTH	2/16	-	-	-	1.3	12.8	644
PEACH TWIG BORER	3/16	-	-	-	6.8	8.0	226
NAVEL ORANGE WORM EGGS	4/6	-	-	-	.56	-	0
SAN JOSE SCALE	3/9	-	-	-	-	7.0	250
WALNUT SCALE	?						

For the Tehama Ashley walnut orchard that we monitor we set the male biofix at 3/16/15. First sprays are timed 300 Degree Days following the male biofix. We are currently at 234 which means we have 66 remaining. Assuming a cooling trend and an average of 10 Degree days per day, first spray timing would be about 6 days from now.

We consistently caught females on 3/30/15 and CIMIS weather data shows twilight temperatures above the 62F threshold required for egg laying suggesting 3/30 as the female biofix. Average egg hatch occurs at about 160 Degree Days. Assuming the 10 degree Days per Day average egg hatch should occur in about 6 days as well.

Male NOW are out and flying and we caught females 3/30 and monitored our first eggs on egg traps 4/6 in Tehama almond.

Double sided sticky tape monitoring in Howard and Chandler indicates no walnut scale crawler activity as of 4/6/15

Additional Pest management information plus twilight temperatures are 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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