University of California Integrated Pest Management Insect Update #20
Tehama County 7/30/12

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	26.0	848
ORIENTAL FRUIT MOTH	2/23	5/11	6/25	-	1.6	31.3	1069
PEACH TWIG BORER	4/23	7/2	-	-	1.6	26.0	729
NAVEL ORANGE WORM	5/3	7/23	-	-	.6	21.5	158
SAN JOSE SCALE	4/16	-	-	-	-	23.0	1985

Codling moth DD is at 848 following the 6/27second biofix. Not much exciting there.

We measured consistent egg laying for NOW in almond and set the second biofix at 7/23. Eggs laid on old nuts will need 1056 DD per generation, assuming 22 DD per day that would put the third biofix at September 9 with egg hatch 100 DD later on September 13. On new crop nuts it takes 723 DD per generation that would predict a third biofix on August 25 with egg hatch 100 DD later on August 29. We will continue to watch traps twice per week to verify and fine tune those initial predictions.

The Dairyville Hartley orchard that we monitor for Walnut Husk Fly (WHF) was sprayed for WHF 7/20 so our WHF catches are zero. It's still early but monitor your traps carefully and make sure your superchargers smell like ammonia.

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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