

Citrus Cutworm

Source of Information: Lindcove Research and Extension Center

Biofix: January 8, 2001 for the Exeter and Ivanhoe area

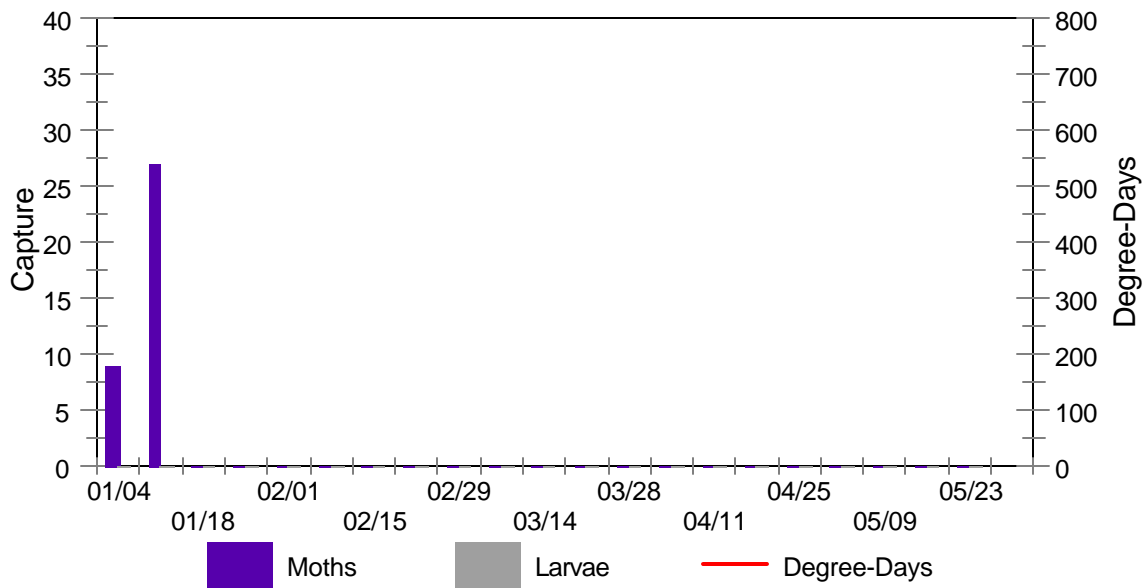
Lower developmental threshold: 45.6°F

Current Accumulated Degree Day Units: 15 DD

Begin Sampling for Cutworm Larvae: 250 DD

Citrus cutworm moths have been flying since the first week of January in the Exeter area. With the recent extraordinarily cold nighttime temperatures though, degree-days are not accumulating very fast. Moth capture has been fairly high compared with last year, when we did not see captures of 20+ moths per week until the last week of January. What this will translate to in terms of worm populations is not known, because there are many factors that cause larval mortality including cold temperatures, rain and fog, diseases and predators. Using a lower developmental threshold of 46°F and a biofix of the second week of consecutive moth flight (January 8th), we should find the more easily seen 2nd instar larvae arriving approximately 350 degree-days later. The earliest we have seen larvae emerge is at 250 degree-days and so that is when you should begin sampling. We will keep you informed of the degree day units as they accumulate via fax and the web (<http://www.uckac.edu/citrusent/>).

Citrus Cutworm 2001
Site Exeter 2



Microbial pesticides are most effective when applied approximately 400-550 degrees after moths begin flying, when the population consists primarily of 1st and 2nd instar larvae. See your Citrus IPM manual or guidelines for details of how to sample. Insecticide treatment recommendations can be found in the citrus guidelines that you can purchase from your UC Cooperative Extension Office, or by subscription as Publication 3339 from UC DANR Communication Services (800-994-8849), or on the world wide web (<http://www.ipm.ucdavis.edu>).

If you would like to receive this newsletter via e-mail instead of fax, please send a request to gregm@uckac.edu

Citrus Peelminer Meeting

**Thursday February 1, 2001
UC Cooperative Extension, Kern County**

8:30 Registration

9:00 Peelminer Life Cycle and Parasitoids
Marta Guillen, UC Riverside

9:30 Current Peelminer Studies in the San Joaquin Valley
Dr. David Headrick, Cal Poly SLO

10:00 Question Period
Craig Kallsen, UCCE Kern County

10:30 Kern County IPM Demonstration Project
Dr. Beth Grafton-Cardwell, Kearney Ag. Center

**Cooperative Extension Office Location
1031 S. Mt Vernon, Bakersfield**

Take Hwy 58 east from Hwy 99 and take Mt Vernon exit; turn right at the stop.

Office is approximately ¼ mile on the left.