

7-23-2007

## Western bean cutworm flight near the end

Marlin E. Rice

Iowa State University, merice@iastate.edu

Follow this and additional works at: <http://lib.dr.iastate.edu/cropnews>



Part of the [Agricultural Science Commons](#), [Agriculture Commons](#), and the [Entomology Commons](#)

---

### Recommended Citation

Rice, Marlin E., "Western bean cutworm flight near the end" (2007). *Integrated Crop Management News*. 1027.  
<http://lib.dr.iastate.edu/cropnews/1027>

**The Iowa State University Digital Repository provides access to Integrated Crop Management News for historical purposes only. Users are hereby notified that the content may be inaccurate, out of date, incomplete and/or may not meet the needs and requirements of the user. Users should make their own assessment of the information and whether it is suitable for their intended purpose. For current information on integrated crop management from Iowa State University Extension and Outreach, please visit <https://crops.extension.iastate.edu/>.**

---

# Western bean cutworm flight near the end

## **Abstract**

The flight of the western bean cutworm is coming to an early close this year. Blacklight trap captures from both Boone and Woodbury counties indicate that the populations peaked on July 5 and July 9, respectively (see figures). The historical data from Woodbury County indicates that the flight started six days earlier, and peaked six days earlier, than it had any previous year in western Iowa. It appears that the flight will end considerably earlier; maybe by as much as 10 to 14 days.

## **Keywords**

Entomology

## **Disciplines**

Agricultural Science | Agriculture | Entomology

# INTEGRATED CROP MANAGEMENT

Search

Get the latest research-based information on crops. [Sign up to be notified](#) when new content is available!

ICM > 2007 > IC-498(20) -- July 23, 2007

## Current Newsletter

You are viewing **archives** for the newsletter from 1993-2007. For current news, see [Integrated Crop Management News](#).

## Archives 1993-2007



Announcements



Crop Production



Insects and Mites



Pesticide Education



Plant Diseases



Soils



Weed Management

[Image Gallery](#)

## Printable Version

Printable version of this page

## Related Articles

Economic thresholds for western bean cutworms  
**July 2, 2007**

Earliest capture ever for western bean cutworm in Iowa  
**June 18, 2007**

Don't confuse western bean cutworm with other moths  
**June 11, 2007**

## Western bean cutworm flight near the end

by Marlin E. Rice, Department of Entomology

The flight of the western bean cutworm is coming to an early close this year. Blacklight trap captures from both Boone and Woodbury counties indicate that the populations peaked on July 5 and July 9, respectively (see figures). The historical data from Woodbury County indicates that the flight started six days earlier, and peaked six days earlier, than it had any previous year in western Iowa. It appears that the flight will end considerably earlier; maybe by as much as 10 to 14 days.

What these flight data suggest is that field scouting decisions should have been made last week to coincide with peak egg laying and hatching activity. Insecticides applied this week may still kill eggs and newly hatched larvae, but the proportion of the population controlled will be relatively small compared to the overall population within the field. The best time for control of the western bean cutworm has come and gone for 2007.

### Six-year blacklight captures of western bean cutworm adults from Woodbury Co., Iowa, 2002-2007.

Year	First Capture	Peak Capture	Last Capture	Total
2002	June 28	July 13	August 11	12,739
2003	July 10	August 1	August 17	244
2004	July 5	July 23	August 10	531
2005	June 28	July 13	August 10	1,328
2006	June 24	July 15	August 14	1,183
2007	June 18	July 9	--	1,353*

\*Through July 23, 2007

Western bean cutworm management in 2006  
**February 12, 2007**

Western bean cutworm in 2006  
**July 10, 2006**

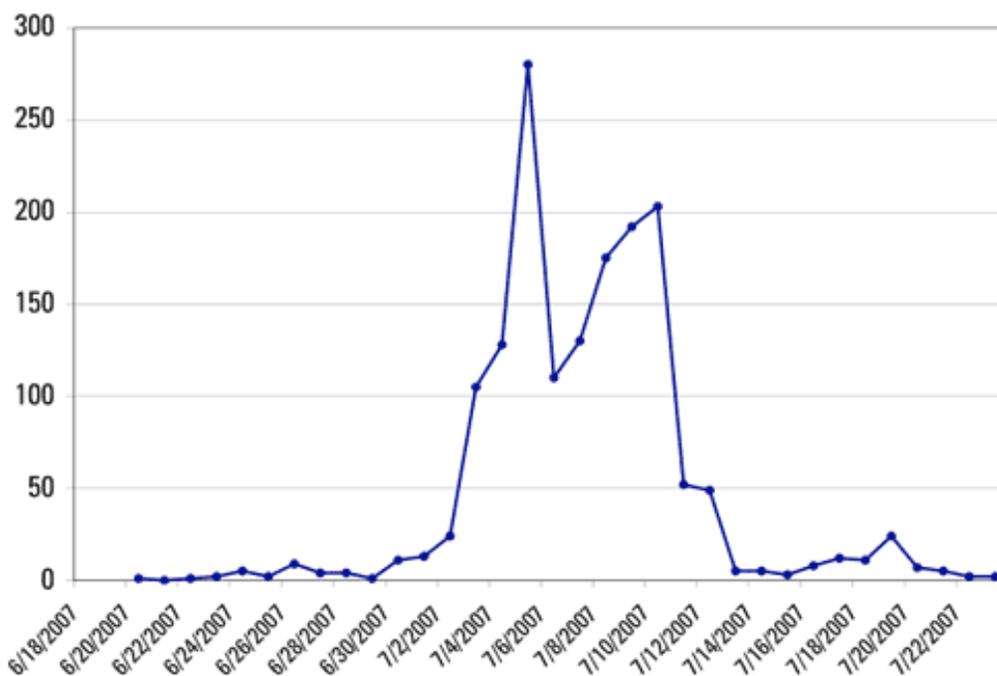
Western bean cutworm flight starts--early!  
**June 26, 2006**

Name change for western bean cutworm  
**April 10, 2006**

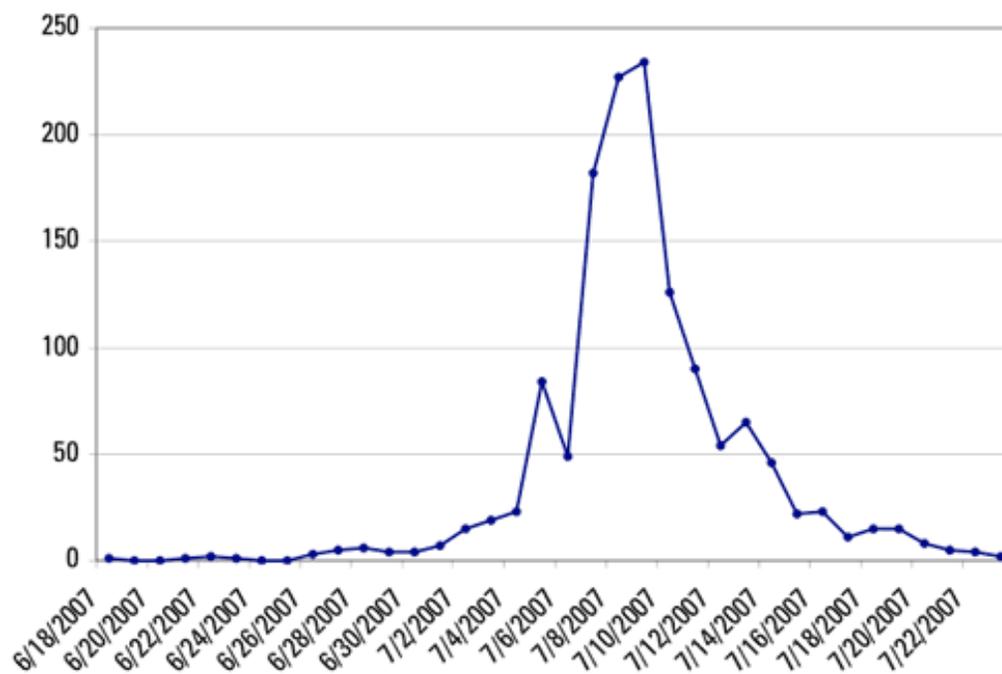
Western bean cutworm: Is it time to scout?  
**July 18, 2005**

Western bean cutworms -- trap catches and scouting  
**July 11, 2005**

Western bean cutworm: Pheromone trapping program  
**June 20, 2005**



Adult western bean cutworm captures in a blacklight trap, Boone Co., Iowa, 2007. Peak capture on July 5.



Adult western bean cutworm captures in a blacklight trap, Woodbury Co., Iowa, 2007. Peak capture on July 9.

This article originally appeared on pages 235-236 of the IC-498(20) -- July 23, 2007 issue.

Updated 07/25/2007 - 9:06pm