GOT WESTERN BEAN CUTWORM? GET VOLIAM XPRESS

Western bean cutworm is a primary pest in the southeastern U.S.

In the last five years, it’s moved as far east as Ontario and Quebec, in numbers significant enough to cause serious damage.

WESTERN BEAN CUTWORM TRAP COUNTS

<table>
<thead>
<tr>
<th>Moths Captured</th>
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<tbody>
<tr>
<td>1 – 10</td>
</tr>
<tr>
<td>11 – 100</td>
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<tr>
<td>101 – 500</td>
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<tr>
<td>501 – 1000</td>
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WHAT’S DRIVING THE PRESSURE?

1 Increased surdularity
   Easily molt and reduce to nearly mature the perfect winter corn.

2 High humidity
   Increases the survival rate of eggs and young larvae.

3 Multiple crop rows
   Forms a normal population threat.

EYING THE ENEMY

EGGS

- Eggs are laid in masses of up to 200 and shaped like a pin-head sized cantaloupe
- Pearly white when laid
- Turn tan and then purple before hatching

LARVAE

- Larvae are tan to pink in colour
- Two dark brown bands behind the head
- No straight, lateral lines or black tubercles (warts) along the sides

ADULTS

- Adults are slate brown and sport white bands along their wing edges
- Have a distinctive white spot and crescent moon shaped marking

PEST LIFECYCLE

Looking for Entry Holes on the Outside of the Husk!

WHAT’S AT STAKE?

- Yield potential
  - Pheromone traps for entry point
- Disease threat
  - Pheromone traps for early warning
- Pest threat
  - Pheromone traps for early warning
- Reduced quality
  - Pheromone traps for early warning

LOOK FOR ENTRY HOLES ON THE OUTSIDE OF THE HUSK!

SCOUTING FOR WESTERN BEAN CUTWORM

At pre-tassel to early tassel emergence timing...

1 WHAT’S DRIVING THE PRESSURE?
2 EYING THE ENEMY
3 PEST LIFECYCLE

LOOK FOR ENTRY HOLES ON THE OUTSIDE OF THE HUSK!

CHOOSE 20 PLANTS IN 5 AREAS

- Look at the top 3 to 4 upper leaves

CHECK FOR EGGS AND LARVAE

- Pheromone traps should be used to monitor for moth flight
- Sprays for hatched eggs

PHEROMONE TRAPS

- Should be used to monitor for moth flight
- Sprays for hatched eggs

PROTECT your corn investment with Voliam Xpress® insecticide

- Quick knockdown on contact
- Long-lasting residual control

APPLICATION

- Water volume: 15 gal/ac ground
- 4 gal/ac aerial
- Application rate: 500 ml/ha or 202 ml/ac
- Apply at 80% egg hatch
- Do not apply to flowering crops if bees are active
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