

July Newsletter

Western Bean Cutworm: #Scout18 Reminders

The nature of Western Bean Cutworm (WBC) and just how detrimental this pest can be to your crop is not new news. However, keeping up with this pest and the best way to control can seem like an overwhelming task. What insecticide is the best to apply? When should insecticide applications take place? Where do you look for egg masses on the leaf? All these questions and more are answered in this month's edition of the Lakeside Newsletter!

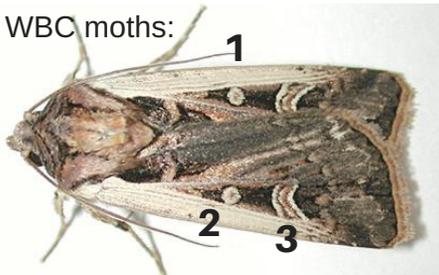
Scouting for WBC

Plan to begin your scout for egg masses around mid-July, as peak flight for WBC moths usually begins around the third week of July through to early August. Though true, you may want to begin scouting on any early planted corn that is in pre-tassel stage.

Be sure to take note of the colour of the egg masses that you find in your fields. If the eggs are pearl white in colour, that indicates a freshly laid egg mass. Eggs that seem to have a purple colour are close to hatching. Once hatched, the eggshell provides the larvae with their first source of food. This makes post-hatch scouting difficult because the larvae will move to more protected areas of the plant to find their next food source (leaf tissue, silks and ultimately the developing ear).

Moth Identification

- The pheromone used in WBC traps often attracts other moths. Here are three characteristics of WBC moths:



- 1. White band along the outside of wing
- 2. Full moon marking on the middle of wing
- 3. A comma or crescent moon marking on the back third of the wing

Application Timing

- It does not pay to be "trigger happy" when it comes to insecticide applications for WBC. Plan for your application to take place when fresh silks are present. At this point, larvae will have made their way to the silks for feeding.



Left: egg masses that are ready to hatch

Right: eggs that have been recently laid



Insecticide Options

- Group 5 - offers a change in mode of action for resistance management (if seed is treated with group 28 insecticide)
- Pioneer is running a rebate program with Delegate being applied on Pioneer corn hybrids. Contact your Pioneer dealer for coupon
- Use rate: 48-84 g/ac
- Group 3 and 28
- Two modes of action provide contact, ingestion and ovi-larvicidal activity
- Use rate: 202 mL/ac
- Group 28
- Product is now a part of the FMC line up
- Use rate: 100 mL/ac

