The annual bluegrass weevil (ABW) is the most troublesome insect for golf course superintendents in the northeastern and mid-Atlantic U.S., and its impact continues to spread.

The keys to successful ABW control includes:
- Targeting overwintered adults and early first-generation larvae
- Using the Optimum Control Strategy products at the proper timing to target multiple life stages
- Rotating modes of action for resistance management
- Monitoring ABW activity through WeevilTrak.com

Missing the opportunity to control ABW in early spring often means dealing with them all summer. To help ensure your course is free from damage, Syngenta provides the turf industry’s only season-long assurance for control of ABW by following the Annual Bluegrass Weevil Optimum Control Strategy and WeevilTrakSM.

WeevilTrak is supported by 11 leading entomologists, turfgrass consultants, and superintendents to track ABW all season by monitoring:
- Growing Degree Day (GDD) accumulations
- Timing of first appearance of ABW adults
- Development of ABW larvae
- Phenological plant indicators

This research assures the proper application timing specifically for each product outlined in the Optimum Control Strategy and drives the WeevilTrak alerts (text and email) as well as the 250+ blog posts.

Annual Bluegrass Weevil Optimum Control Strategy

<table>
<thead>
<tr>
<th>STAGE 1: Overwintered Adults</th>
<th>STAGE 2: Early Instar (inside of stem)</th>
<th>STAGE 3: Asynchronous Larvae (inside and outside of the stem)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applications</td>
<td></td>
<td></td>
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<tr>
<td>Scimitar® GC 10 fl. oz./A</td>
<td>Acelepryn® 12 fl. oz./A</td>
<td>Ference® 12 fl. oz./A</td>
</tr>
<tr>
<td>Timing</td>
<td></td>
<td></td>
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<tr>
<td>Phenological indicator:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forsythia: half green, half gold</td>
<td>Dogwood: in full bloom</td>
<td>Rhododendron catawbiensis: in full bloom</td>
</tr>
<tr>
<td>Watering-in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allow to dry on leaf before watering</td>
<td>Water-in within 24 hours with 0.1&quot;</td>
<td>Water-in prior to mowing</td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prevents early egg-laying by overwintered ABW females. If ABW populations at your course have proven resistance to pyrethroids, contact your Syngenta Territory manager for recommendations.</td>
<td>Apply Acelepryn at egg lay to ensure it is in the plant prior to larvae feeding. This application also provides: Season-long control of all white grubs and turf caterpillars.</td>
<td>Ference is ideal at this timing to control all larval stages due to its long residual control and high solubility so it moves into the plant faster than other leading insecticides.</td>
</tr>
</tbody>
</table>
### STAGE 4: Adults
- Applications: Scimitar GC 10 fl. oz./A
- Timing: Follow WeevilTrak email and text alerts in conjunction with your own scouting
- Watering-in: Allow to dry on leaf before watering
- Notes: If ABW populations at your course have proven resistance to pyrethroids, contact your Syngenta Territory manager for recommendations.

### STAGE 5: Adults and Late Instar
- Applications: Provaunt® WDG 18 oz./A
- Timing: Water-in with 0.1 – 0.25” of water immediately after application
- Water-in prior to mowing
- Notes: 1. Targets early 3rd instar larvae emerging from the stem
   2. Provides 2 to 3 weeks of residual control
   3. Resistance management with additional MOA

### STAGE 6: Asynchronous Larvae
- Applications: Ference 12 fl. oz./A
- Timing: Water-in prior to mowing
- Notes: Ference is ideal at this timing to control all larval stages due to its long residual control and high solubility so it moves into the plant faster than other leading insecticides.

### STAGE 7: 1st – 5th Instar larvae (if needed)
- Applications: Provaunt WDG 18 oz./A
- Timing: Water-in with 0.1 – 0.25” of water immediately after application
- Notes: Provides added protection if pressure remains high into late August – early September.

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## The WeevilTrak Annual Bluegrass Weevil Assurance

**Prevent ABW, all white grub species, and turf caterpillars** with a **season-long assurance** in the following states: CT, DE, DC, KY, MA, ME, MD, NC, NH, NJ, NY*, OH, PA, VA, VT, WV, and RI.

- To qualify for the assurance, you must be a registered WeevilTrak user, following at least one course, and making product applications at the rates stated in the Optimum Control Strategy to qualify. Timing of product applications can be adjusted based on local conditions and the results of scouting at your specific course. To ensure optimum control, it is **recommended you follow a secondary course** and the WeevilTrak blog for additional timing, scouting, and detailed ABW information.
- All products must be purchased from a Syngenta Authorized Distributor/Retailer.
- If you do not achieve acceptable ABW control or unexpected turf damage from ABW occurs, contact your local Syngenta Territory Manager to review the performance of the Optimum Control Strategy, to confirm product recommendations and timing were followed, and that resulting damage is due to ABW feeding.
- Syngenta will provide replacement product but will not pay for any application costs for the rescue treatments.
- Syngenta’s determination as to whether less than acceptable control exists will be final.
- Syngenta reserves the right to modify or discontinue this Assurance Program at any time.

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*Contact your Syngenta Territory Manager for additional information: GreenCastOnline.com/ContactMyTM*

To register for a WeevilTrak account, which includes access to the blog and ABW alerts, visit WeevilTrak.com

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*Long Island is excluded from this assurance offer because Acelepryn is not registered there for ABW control. The existing FIFRA Section 24(c) Special Local Needs Registrations allows for the use of Acelepryn to control white grubs and turf caterpillars only. Contact your local territory manager or visit WeevilTrak.com for more information for control.*