**Arena® Insecticide:**

Delivers superior curative control of white grubs when applied August through October and also when applied in the Spring—even if skunks and raccoons are damaging your turf. Arena does not need to be immediately watered-in, saving you time and labor. And with its superior residual activity, Arena brings peace of mind. When other shorter residual insecticides require retreatment, Arena lasts—even when grubs move below the treatment zone for weeks before coming back up to damage turf roots.

**Arena is Available in Two Formulations and Delivers**
- Superior and consistent white grub control, including European and Northern masked chafer
- Curative and preventive control of white grubs
- Longest residual grub control regardless of application timing
- Broad-spectrum control of other soil- and surface-feeding insects like nuisance ants, billbugs and chinch bugs
- Available as a 50 WDG and a 0.25 G formulation

**Application Information**

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Arena Formulation</th>
<th>Application Rate</th>
<th>Application Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Grubs:</td>
<td>50 WDG</td>
<td>9.6 to 12.8 oz/A or 0.22 to 0.29 oz/1,000 sq ft</td>
<td>Curative Grub Control: Apply when evidence of grub activity is noted—August to October. Best control and turf protection achieved if applied prior to third instar. Preventive Grub Control: Apply April throughout the summer. Best results are achieved with applications prior to peak egg hatch.</td>
</tr>
<tr>
<td></td>
<td>0.25 G</td>
<td>120 to 160 lbs/A or 2.8 to 3.7 lb/1,000 sq ft</td>
<td></td>
</tr>
</tbody>
</table>

**See Results from University of Wisconsin Spring Application on Reverse**

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**1 Spring Application**

**Superior Control**

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**Valent**

**NuFarm**

**Grow a better tomorrow.**
**ARENA = SUPERIOR CURATIVE GRUB CONTROL**

**ArenA Speed Of Activity - Curative Applications**

- **Treatments applied on September 20 to 3rd instar Northern Masked Chafer**
  - D. Sheltar, Ohio State University

**Japanese Beetle Grub Control 2014**

- **Arena treatment applied on May 9, 2014.**
  - Dylox treatments applied on May 9, 2014 and re-applied on September 1, 2014.
  - C. Williamson, University of Wisconsin 2014

**Japanese Beetle Grub Control 2015**

- **Arena treatment applied on May 4, 2015.**
  - Dylox treatments applied on May 4, 2015 and re-applied on September 12, 2015.
  - C. Williamson, University of Wisconsin 2015

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**ARENA = SUPERIOR SOIL RESIDUAL ACTIVITY**

**Curative Grub - Solubility Comparisons**

- Implication: Dylox® moves too fast, Sevin® not fast enough
  - Sources: EPA fact sheet, OSU Extension, Cornell University

**Curative Grub - Persistence in Soil (1/2 life)**

- Implication: ArenA® lasts longer
  - Sources: EPA fact sheet, OSU Extension, Cornell University

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**ARENA = SUPERIOR CONTROL: 1 SPRING APPLICATION VERSUS 2 DYLOX APPLICATIONS**

**Japanese Beetle Grub Control 2014**

**Japanese Beetle Grub Control 2015**