Count on FMC to help optimize sunflower quality and yields through consistent insect control.

Prevathon® insect control powered by Rynaxypyr® active offers effective, long-lasting insect control with a shorter re-entry interval after application and minimal impact to most beneficial insect species, including bees. Prevathon insect control combines these attributes to optimize sunflower yields and quality while having an excellent worker protection profile.

Key benefits of Prevathon insect control:

• Delivers long-lasting residual control of key worm pests, protecting sunflower yields and improving quality.
• Improves application flexibility, which can help when the number of acres to treat is greater than the time allowed to treat.
• Works through ingestion, contact and has ovi-larvicidal properties so control can be assured within a wider application window.
• Excellent crop protection: Starts working right away by stopping insect feeding and keeps working for 14-21 days minimizing and reducing the number of potential treatments.

• Provides a very short four-hour REI, an excellent worker protection profile and minimal PPE requirements.
• Allows for flexible coordination of other field activities soon after application and the timely scouting of treated fields without major scheduling conflicts.
• Minimal impact on beneficial insects and honeybees.
• Does not impact honeybee pollination activity, which impacts sunflower yields and seed quality.
• The toxicological profile and mode of action of Prevathon insect control reduces many of the negative consequences and insect-resistance cycles that result from repeated use of current products.

1 In line with integrated pest management and good agricultural practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.
2 See product label for crop/pest combinations controlled or suppressed.
3 Untreated plant material may not be fully protected as a result of plant growth. During the period of head expansion, sequential applications may be necessary.
4 When used in accordance with label directions.
Use directions

The keys to effective use of Prevathon insect control powered by Rynaxypyr active include timing, rate and coverage.

**Timing** of application is critical. Applications should be made at or just before egg lay of sunflower head moth, banded sunflower moth, or diamondback moth eggs. Longer residual activity can be expected when higher rates of Prevathon insect control are applied. Sequential applications may be needed during periods of head expansion.

**Good coverage** is essential. Use sufficient water to obtain thorough, uniform coverage. Prevathon insect control may be applied by conventional ground rig or overhead chemigation. A non-ionic surfactant may be used to enhance deposition and coverage.

**Prevathon insect control use rates — sunflower**

<table>
<thead>
<tr>
<th>Application method</th>
<th>Pest</th>
<th>Pound active ingredient per acre</th>
<th>Fluid ounces product per acre</th>
<th>Last application (days to harvest)</th>
<th>REI (hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foliar</td>
<td>Diamondback moth, sunflower head moth(^1), banded sunflower moth(^2)</td>
<td>0.047–0.067</td>
<td>14.0–20.0</td>
<td>21</td>
<td>4</td>
</tr>
</tbody>
</table>

\(^1\)This recommendation for Prevathon insect control is permitted under FIFRA Section 2(ee) for foliar control of sunflower head moth larvae and banded sunflower moth larvae in sunflowers in CO, KS, MN, MT, ND, NE, OK, SD, TX and WY. The 2(ee) expiration date is 12/31/2015.

**Use restrictions:**
- Make no more than four applications per acre per crop.
- Minimum interval between treatments is five days.
- Do not apply more than 60 fl. oz. Prevathon insect control or 0.2 lb. ai of chlorantraniliprole-containing products per acre per year.
- If adjuvants are used, use only a non-ionic surfactant (NIS).

For more information, contact your local FMC retailer or representative about Prevathon insect control from FMC and visit us at FMCCrop.com.

Karate and Cobalt insecticides are Restricted Use Pesticides. Always read and follow label directions and precautions for use. Some products may not be registered for sale or use in all states. As of November 1, 2017, the USEPA registration for DuPont™ Prevathon® insect control with Rynaxypyr® active was sold by E.I. du Pont de Nemours and Company to FMC Corporation. FMC, Prevathon and Rynaxypyr are trademarks of FMC Corporation or an affiliate. Karate is a trademark of Syngenta Group Company. Cobalt is a trademark of Dow AgroSciences. ©2018 FMC Corporation. All rights reserved.

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