Prevathon® Insect Control

Powered by Rynaxypyr® active

SUNFLOWERS

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.[1] Prevathon insect control combines these attributes to optimize sunflower yields and quality while having an excellent worker protection profile.

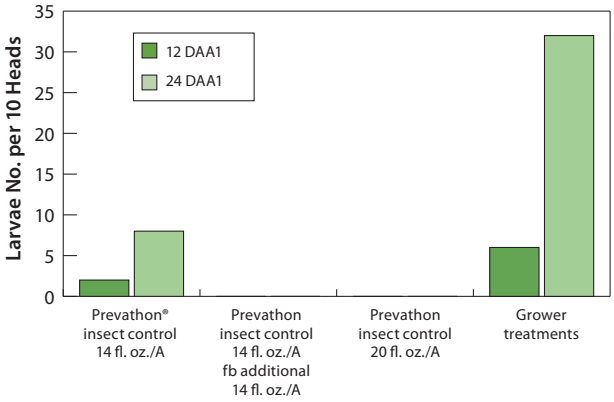
Key benefits of Prevathon insect control:

- Delivers long-lasting residual control of key worm pests[2], 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[3] 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 honey bees.[1,4]
- Does not impact honey bee 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.

PREVATHON® INSECT CONTROL | RYNAXYPYR® ACTIVE

Sunflower Moth Larvae Counts
Monte Alto (South), TX



Application dates: May 24, 2013 and June 3, 2013

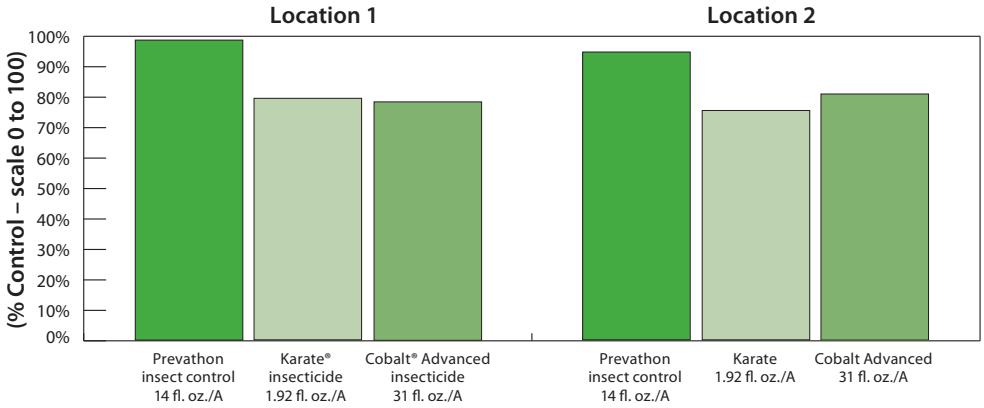
Use directions

The keys to effective use of Prevathon® insect control powered by Rynaxypr® 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.

Sunflower Head Moth Control



Location 1 applied April 25 (4% bloom), April 30 (20% bloom) and May 8; sampled on May 22.

Location 2 applied May 16 and May 23; sampled on June 4.

Location 1 untreated check: Number of larvae/10 heads = 990

Location 2 untreated check: Number of larvae/5 heads = 365

See 2(ee) Recommendation

Source: 2012 Sunflower Head Moth Control Trials, Dr. Roy Parker, Texas A&M; Corpus Christi, TX

Prevathon insect control use rates — sunflower

Application method	Pest	Pound active ingredient per acre	Fluid ounces product per acre	Last application (days to harvest)	REI (hours)
Foliar	Diamondback moth, sunflower head moth, banded sunflower moth	0.047–0.067	14.0–20.0	21	4

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.

PREVATHON® INSECT CONTROL

RYNAXYPYR® ACTIVE

FMC An Agricultural Sciences Company