

Prevathon® Insect Control

Powered by Rynaxypyr® active



PEANUTS

Realize optimal peanut quality and yields through consistent insect control.

Prevathon® insect control powered by Rynaxypyr® active is available to help control corn earworms *and* beet and fall armyworms, and suppress lesser cornstalk borers¹ in peanut crops. Prevathon insect control brings the powerful active, Rynaxypyr, to the peanut industry for effective, long-lasting insect control, a shorter four-hour re-entry interval after application and minimal impact to most beneficial insect species, including bees.² Prevathon insect control optimizes peanut yields and quality while having an excellent worker protection standard profile.

Key benefits of Prevathon insect control:

- Delivers long-lasting residual control of key worm pests³ in peanuts, protecting yields and improving peanut quality.
- Works through ingestion, contact and has ovi-larvicidal properties so control can be assured within a wider application window.
- Offers excellent crop protection by working right away to stop insect feeding and keeps working for 14-21 days⁴, which minimizes and reduces the number of potential treatments.
- Provides a very short four-hour re-entry interval, an excellent worker protection standard 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.
- Has minimal impact on beneficial insects and honey bees.^{2,5}
- Does not flare mites.
- 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 This Prevathon insect control recommendation is permitted under FIFRA Section 2(ee) for suppression of lesser cornstalk borers (*Elasmopalpus lignosellus*) in peanuts in Alabama, Florida, Georgia, Mississippi, North Carolina and South Carolina. This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA. The 2(ee) expiration date is 12/31/2019.

² In line with integrated pest management and good agricultural practices, insecticide applications should be made when pollinators are not foraging to avoid unnecessary exposure.

³ See product label for crop/pest combinations, controlled or suppressed.

⁴ Untreated plant material may not be fully protected as a result of plant growth.

⁵ When used in accordance with label directions.



Prevathon® insect control powered by Rynaxypyr® active in peanuts

Treatment	Rate	Corn earworm control 7–21 days	Fall armyworm control 7–21 days	Beet armyworm control 7–21 days	Southern armyworm control 7–21 days	Soybean looper control 7–21 days
Prevathon® insect control	14.0 fl. oz./A	95% (3)	95% (2)	69% (1)	100% (1)	70% (2)
Belt® insecticide	2.0 fl. oz./A	90% (2)	78% (2)	58% (1)	68% (1)	62% (1)
Untreated (number of larvae/100 row feet)		72/100 ft.	111/100 ft.	240/100 ft.	125/100 ft.	592/100 ft.

Numbers in parentheses are the number of trials contributing to the average percent control value.

Prevathon insect control use rates — peanuts

Application method	Pest	Pound active ingredient per acre	Fluid ounces product per acre	Last application (days to harvest)	REI (hours)
Foliar	Corn earworms, beet armyworms, fall armyworms, lesser cornstalk borers ¹	0.047–0.067	14.0–20.0	1	4

Use restrictions:

Make no more than four applications per acre per crop.

Minimum interval between treatments is three 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.

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Use directions

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

Timing of application is critical. Applications should be made at or just before egg lay of corn earworm eggs. Field-trial data indicate a targeted application shortly after pegging when corn earworms first show up. Longer residual activity can be expected when higher rates of Prevathon insect control are applied.

Good coverage is essential. Use sufficient water to obtain thorough, uniform coverage. Prevathon insect control may be applied by conventional ground rig or aircraft. A nonionic surfactant may be used to enhance deposition and coverage.

Prevathon insect control can be tank mixed with pesticide products labeled for use on peanuts in accordance with the most restrictive label limitations and precautions.

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

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