Prevathon® Insect Control

Powered by Rynaxypyr® active

Realize optimum sorghum quality and yields through consistent insect control.

Prevathon® insect control powered by Rynaxypyr® active is now available to help control corn earworms, sorghum webworms and armyworms in sorghum crops. Prevathon insect control brings the powerful active Rynaxypyr to the sorghum industry and, along with it, effective, long-lasting insect control; a shorter re-entry interval of four hours after application; and minimal impact to most beneficial insect species, including bees.[1] Prevathon insect control combines these attributes to optimize sorghum 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 pests[2] in sorghum, protecting yields and improving sorghum quality.
- Works through ingestion, contact and has ovi-larvicidal properties so control can be provided within a wider application window.
- Offers excellent crop protection by working right away to stop insect feeding and keeps working for 14-21 days,[3] which minimizes and reduces the number of potential treatments.
- Provides a very short re-entry interval of four hours, 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.[1,4]
- Does not impede honey bee pollination activity, which influences sorghum 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.
[4] When used in accordance with label directions.

Prevathon insect control yield advantage in sorghum

Treatment	Rate	Grain Sorghum Yield Bu/A
Prevathon insect control	14.0 fl. oz./A	71.6 (4)
Prevathon insect control	20.0 fl. oz./A	72.8 (3)
Belt® insecticide	3.0 fl. oz./A	67.7 (4)
Intrepid® 2F insecticide	6.0 fl. oz./A	72.6 (3)
Untreated		62.7 (4)

Numbers in parentheses are the number of trials.

PREVATHON® INSECT CONTROL

Prevathon® insect control powered by Rynaxypyr® active

Treatment	Rate	Head			Whorl	
		Corn earworm control 10–15 days	Sorghum webworm control 10–15 days	Fall armyworm control 5–7 days	Corn earworm control 14 days	Fall armyworm control 10–12 days
Prevathon insect control	14.0 fl. oz./A	87% (5)	100% (2)	100% (5)	92% (1)	83% (3)

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

Prevathon insect control Use Rates — Sorghum

Application method	Pest	Pound active ingredient per acre	Fluid ounces product per acre	Last application (days to harvest)	REI (hours)
Foliar	Corn earworm Beet armyworm European corn borer Fall armyworm Sorghum webworm Southwestern corn borer Sugarcane borer True armyworm	0.047–0.067	14.0–20.0	14	4

Use restrictions:
Make no more than four applications per acre per crop.
Minimum interval between treatments is seven 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.

Use directions

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

Timing of foliar health applications is critical. Prevathon insect control should be applied at first indication of egg deposition or when worm hatch numbers reach treatment thresholds.

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 crop protection products labeled for use on sorghum in accordance with the most restrictive label limitations and precautions.

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

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