



The miracles of science™

Realize optimum sorghum quality and yield through consistent insect control

DuPont™
Prevathon®
insect control
powered by
RYNAXYPYR®

DuPont™ Prevathon® insect control is now available to help control corn earworm, sorghum webworm and armyworm in sorghum crops. Prevathon® brings the powerful active ingredient Rynaxypyr® to the sorghum industry and, along with it, effective, long-lasting insect control; a shorter reentry interval (4 hours) after application; and minimal impact to most beneficial insect species, including bees.¹ Prevathon® combines these attributes to optimize sorghum yield and quality while having an excellent worker protection standard profile.

Key benefits of Prevathon®:

- Delivers long-lasting residual control of key worm pests² in sorghum, protecting yield and improving sorghum quality.
- Works through ingestion, contact and 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 to 21 days,³ which minimizes and reduces the number of potential treatments.
- Provides a very short reentry interval (4 hour REI), 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 pollination activity, which influences sorghum yield and seed quality.
- The toxicological profile and mode of action of Prevathon® reduce 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® Yield Advantage in Sorghum

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

Numbers in parentheses are the number of trials

DuPont™ Prevathon® Insect Control in Sorghum

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®	14.0 fl oz/A	87% (5)	100% (2)	100% (5)	92% (1)	83% (3)
Prevathon®	20.0 fl oz/A	89% (5)	93% (2)	95% (4)	95% (1)	85% (2)
Belt	3.0 fl oz/A	74% (5)	50% (2)	83% (4)	59% (1)	57% (3)
Intrepid 2F	6.0 fl oz/A	48% (3)	43% (1)	92% (3)	65% (1)	50% (2)
Untreated		0% (2)	0% (1)	0% (6)	0% (1)	0% (3)

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



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DuPont™ Prevathon® 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 4 applications per acre per crop.
 Minimum interval between treatments is 7 days.
 Do not apply more than 60 fl oz Prevathon® or 0.2 lb ai of chlorantraniliprole-containing products per acre per year.

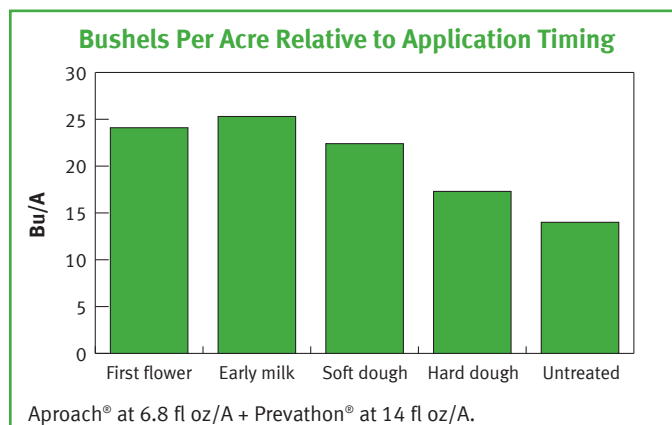
Use directions

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

Timing of foliar health applications is critical. Prevathon® should be applied at first indication of egg deposition or when worm hatch numbers reach treatment thresholds. Include DuPont™ Aproach® fungicide in a tank mix with Prevathon® for a complete disease control program.

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

Prevathon® can be **tank mixed** with crop protection products labeled for use on sorghum in accordance with the most restrictive label limitations and precautions.



Source: USA-884 (2009–2013)

For more information

Put this powerful tool to work for you. Contact your local DuPont retailer or representative to learn how you can get more consistent control of key pests in sorghum with DuPont™ Prevathon® insect control. And visit us at prevathon.dupont.com.

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