

TECHNICAL RECOMMENDATION

Technical Recommendation

Black Cutworm Control with Warrior II with Zeon Technology Insecticide



Appearance

- Light gray to black, up to 1 ½ inches long
- Rough, greasy appearance
- Feeding occurs at or just below the soil surface

Scouting

- Scout twice weekly when corn plants emerge (20 plants X 5 locations for every 25 acres)
- Look for leaf feeding, cut plants, wilted or missing plants

At Planting, Preventative Application

- Apply Warrior II with Zeon Technology pre-emergence broadcast at 1.28 – 1.92 fl oz. per acre alone or in tank-mix with a residual corn herbicide.
- Use higher rate for longer residual activity.

Rescue Applications

- Apply Warrior II with Zeon Technology at 1.28 – 1.60 fl oz. per acre
- Black Cutworm threshold is reached when 1-2% cut plants are observed and live larvae less than ¾ of an inch long are present. If the larvae are close to 1 inch long they are nearing the end of their feeding cycle and the threshold should be increased to 5% cut plants. Consult with extension for local threshold information.
- Use higher rate when longer residual activity is desired and/or heavy feeding pressure is observed.

Restrictions

- **Do not** allow livestock to graze in treated areas or harvest corn forage as feed for meat or dairy animals within 1 day after last treatment.
- **Do not** feed treated corn fodder or silage to meat or dairy animals within 21 days after last treatment.
- **Do not** apply more than 0.09 pounds (5.76 fl oz. or 0.36 pts. of product) per acre per crop at plant.
- **Do not** apply more than 0.12 pounds (7.68 fl oz. or 0.48 pts. of product) per acre per crop from at plant and foliar applications.
- **Do not** apply within 21 days of harvest.
- Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.

Integrated Management Options:

- Plant corn hybrids with the Agrisure Viptera 3111 Corn Trait
- Apply Force CS or Force 3G insecticide at planting

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