To effectively manage corn rootworm (CRW), implement a multi-year plan that includes a variety of tactics.

**CROP ROTATION**

**PRODUCTS WITH MULTIPLE CRW B.T. TRAITS**

**SEED, SOIL OR FOLIAR-APPLIED INSECTICIDES**

**ASSESS RISK**

- Did you plant the same CRW traits for consecutive years in the same fields?
- Did you notice large populations of CRW beetles?
- Did you observe root injury from CRW larvae?
- Are your fields planted to continuous corn?
CORN ROOTWORM BEST MANAGEMENT PRACTICES

1 Plant the Required Refuge

2 Rotate Crops

Rotate at least every 3rd year if any of the following:

- In long-term continuous corn system
- CRW populations are high
- Experiencing problems with CRW trait performance

In areas where rotational-resistant CRW variants exist, such as extended diapause eggs or soybean, CRW management options may be needed the following year

3 Rotate Traits

- Use B.t. hybrids with multiple modes of action for CRW control whenever possible
- If using a hybrid with multiple modes of action for CRW control is not an option, rotate to a different B.t.-traited hybrid that controls CRW
- Use a non-B.t.-traited hybrid with insecticide

Manage CRW with Insecticides

ADULT CRW MANAGEMENT CONSIDERATIONS

- Scout fields for CRW adults during silking stage (typically July and August) as adult CRW beetles feed on corn silks and may reduce yield
- Foliar sprays may be an option if CRW beetle populations reach an economic threshold for damage (≈1 beetle per plant)¹
- Follow university extension service or local crop consultant recommendations for products, rates, and proper timing of adult spray applications for reducing CRW beetle populations
- Multiple sprays may be necessary

LARVAL CRW MANAGEMENT CONSIDERATIONS

- The application of an insecticide to the soil surface, in furrows, and/or incorporated into the soil (referred to as “soil applied insecticide,” “soil insecticide” or “SAI”) is not recommended for control of CRW in B.t.-traited corn hybrids(s) except under limited circumstances.
- Consult with extension, crop consultants or other local experts for recommendations when considering a combination of CRW traits and soil applied insecticides.
- SAI should not be necessary for CRW control with pyramided CRW traited B.t. corn hybrid(s).


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