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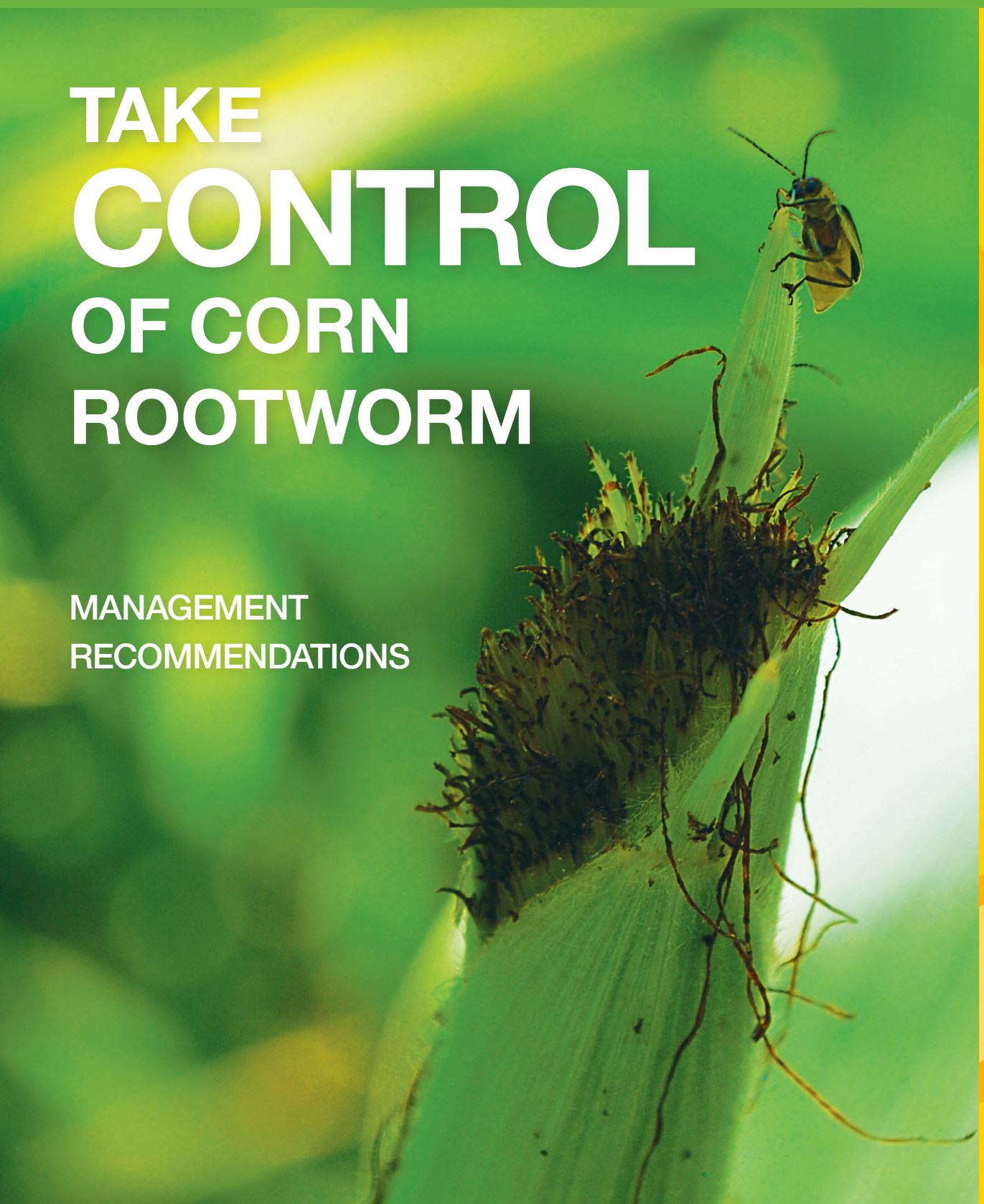
TAKE CONTROL OF CORN ROOTWORM

MANAGEMENT RECOMMENDATIONS



CORN ROOTWORM MANAGEMENT RECOMMENDATIONS

Monitoring corn fields for corn rootworm (CRW) beetles can help determine CRW pressure in the subsequent year. Gauge next year's CRW larval threat based on this year's beetle numbers. If scouting reveals 1-1 ½ beetles per plant, CRW larval feeding activity may be high the following year.

I HAVE LOW CRW PRESSURE

If you experienced low larval feeding damage, low adult beetle population, and no rootworm-caused corn lodging issues in the prior year and:

- **Will plant continuous corn:** consider a single CRW trait, multiple CRW traits, or a non-CRW traited hybrid with Force® soil insecticide.
- **Will plant first year corn in areas with western CRW variant or northern CRW extended diapause:** consider a single CRW trait, multiple CRW traits, or a non-CRW traited hybrid with Force soil insecticide.
- **Will plant first year corn in areas without western CRW variant or northern CRW extended diapause:** consider a non-CRW traited hybrid with or without Force soil insecticide.

I HAVE HIGH CRW PRESSURE

Is crop rotation an option?

YES

NO

Have you used CRW trait(s) and experienced any of the following?

- Unexpected damage observed
- Excessive root feeding
- Lodged corn not explained by environmental factors

NO

- Use multiple CRW traits
- Scout and consider beetle control with foliar insecticide

YES

- Rotate CRW traits
- Use multiple CRW traits + soil-applied insecticide
- Scout and consider beetle control with foliar insecticide

CROP ROTATION

- Rotate to a non-host crop such as soybeans, which provides the best opportunity to break the reproductive cycle of CRW.
- If you are concerned with the potential for the western CRW variant that may lay eggs in soybean fields, make sure to monitor soybeans for beetles and take action in next year's corn crop based upon beetle observations in previous year's soybeans. Alternatively, consider treating adult beetles in the soybean crop itself. When planting corn following soybeans in areas with western CRW variant consider a single CRW trait, multiple CRW traits, and/or Force soil insecticide.
- If you are concerned with the potential for the northern CRW extended diapause, rotate to multiple years of non-host crop or monitor/take action to treat CRW as needed. When planting corn in a corn-soybean rotation in areas with northern CRW extended diapause consider a single CRW trait, multiple CRW traits, and/or Force soil insecticide.

TRAIT STACKS WITH MULTIPLE CRW TRAITS

AgrisureDuracade® 5222 E-Z Refuge® AgrisureDuracade® 5122 E-Z Refuge® Agrisure® 3122 E-Z Refuge®

- Agrisure® trait stacks are available with multiple CRW traits for excellent control and a simple, in-bag E-Z Refuge® seed blend for convenience.

SOIL-APPLIED INSECTICIDE

Force®

- Force® soil insecticide, when used in combination with hybrids that contain single or multiple CRW trait combinations, drives yield.
- Secondary insects or other agronomic reasons may influence decision to use soil insecticide.

FOLIAR INSECTICIDE

Warrior® II with Zeon Technology®

- Minimize egg laying from adult CRW females.
- Facilitate proper pollination by preventing silk clipping.

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Corn rootworm - It's all about management

- Long-term corn rootworm (CRW) management will require **a multi-year, whole-farm approach**
- **There's an important balance** between CRW control, yield protection and resistance management
- **It's not one-size-fits all:** Effective CRW management will require the integration of multiple control measures, not a singular technology

Align with the industry leader in corn insect control

- Our portfolio of traits, seed treatments and insecticides successfully controls **more insects than any other company**
- We know how to develop tailored solutions that **manage CRW**, **preserve technology and help farmers grow more corn**
- Our breakthrough Agrisure® traits, available in **high-performing genetics**, offer best-in-class insect control to protect quality and yield

Agrisure® Traits

Contact your Syngenta representative to discuss a plan for managing corn rootworm in your operation.

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