



Plant the ultimate trait stack: Elite genetics, the latest insect control traits and a simple in-bag refuge

Golden Harvest® hybrids with Agrisure Duracade® trait stacks offer the ultimate combination—the latest insect control traits in a wide choice of diverse, high-yielding elite genetics with a simple, 5% integrated in-bag E-Z Refuge® seed blend.



The most advanced trait stack on the market

- Offers premium, broad-spectrum insect control of 16 damaging insects to help preserve genetic yield potential and profitability
- Combines the Agrisure Duracade and Agrisure® RW traits for dual modes of action against corn rootworm (CRW)
- Features the Agrisure Viptera® trait, which offers market-leading above-ground insect control, and an additional mode of action against above-ground insects



Effective, season-long control

- Protects against above- and below-ground insects
- Features two modes of action against CRW and corn borer



Hybrids without Agrisure Duracade (left and middle)
Hybrid with Agrisure Duracade 5222 E-Z Refuge (right)



Hybrid without
Agrisure Duracade

Hybrid with Agrisure
Duracade 5122 E-Z Refuge

**Other trait stacks
come up short.
Agrisure Duracade 5222
E-Z Refuge defends
against:**

- Beet armyworm
- Black cutworm
- Common stalk borer
- Corn earworm
- Dingy cutworm
- European corn borer
- Fall armyworm
- Lesser cornstalk borer
- Mexican corn rootworm
- Northern corn rootworm
- Southern cornstalk borer
- Southwestern corn borer
- Sugarcane borer
- True armyworm
- Western bean cutworm
- Western corn rootworm



Both Agrisure Duracade trait stacks are also available in water-optimizing Agrisure Artesian® hybrids, labeled as Agrisure Duracade 5222A E-Z Refuge and Agrisure Duracade 5122A E-Z Refuge, helping farmers make the most of their available water.

ROOTED IN GENETICS, AGRONOMY & SERVICE



Stand up to corn rootworm

Corn rootworm (CRW) can eat into your profits. As the most destructive corn pest in the United States, CRW costs more than \$1 billion annually in reduced grain yield and control measures. Fluctuating insect pressures and farming practices complicate control of this difficult-to-manage pest, making it important to be prepared at the start of each season. Once CRW feeding has occurred, plants are left vulnerable to disease, further damaging the crop, and farmers are left with fields that are tough to harvest, with low yields and reduced profits.

The Agrisure Duracade trait expresses a unique protein that binds differently in the gut of the CRW, providing effective control of western, northern and Mexican CRW. A USDA study showed the lowest level of adult corn rootworm beetle emergence in Agrisure Duracade fields compared to any other current corn rootworm trait on the market.¹

Agrisure Duracade trait stacks help hybrids develop a stronger, more robust root system that supplies optimal water and nutrient uptake. Stronger roots mean healthier plants that stand tall.

CRW pressure can result in:

- Underdeveloped root systems
- Weak brace roots
- Reduced nutrient uptake
- Lodged or fallen corn
- Clipped silks
- Poor ear fill
- Reduced pollination
- Reduced yields and profits



Support for long-term control practices

Effective and sustainable CRW management requires an individualized field strategy and the judicious use of multiple control measures – not a single technology. Long-term CRW management requires a multi-year, whole-farm approach, and Agrisure Duracade trait stacks are a key component in an effective CRW management program.

¹ Mortality Impact of Bt Transgenic Maize Roots Expressing eCry3.1Ab, mCry3A and eCry3.1Ab plus mCry3A on Western Corn Rootworm Larvae in the Field. Bruce E. Hibbard, Daniel L. Frank, Ryan Kurtz, Eric Boudreau, Mark R. Ellersieck, and J. Frederick Odhiambo. Journal of Economic Entomology. 2011, 104 (5). 1584-1591.



Photos are either the property of Syngenta or used under agreement.

©2017 Syngenta. **Important: Always read and follow label and bag tag instructions. Consult bag tags for E-Z Refuge product herbicide options. Only those labeled EZ1 may be sprayed with glufosinate ammonium based herbicides, including Liberty herbicide.** Agrisure®, Agrisure Artesian®, Agrisure Duracade®, Agrisure Viptera®, E-Z Refuge® and Golden Harvest® are trademarks of a Syngenta Group Company. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC. HERCULEX Insect Protection technology by Dow AgroSciences.