

# THE NEXT GENERATION OF SEED CORN PRODUCTS TO UNLOCK YIELD POTENTIAL

## INNOVATION THAT DRIVES PERFORMANCE

PROPRIETARY TECHNOLOGY, PROVEN PROTECTION. Qrome<sup>®</sup> products feature proprietary molecular-stack technology utilizing proven insect protection and dual modes of action to defend against above- and below-ground pests. This innovative trait stack is compatible with a broad range of elite germplasm available only from Corteva Agriscience. With Qrome products, growers get hybrids with strong agronomics and disease resistance plus advanced pest protection to maximize on-farm performance.

## THE KEY TO UNLOCKING YIELD POTENTIAL

- Unique Molecular technology plus top-performing germplasm.
- 4-7 bu/A advantage over legacy products.
- Superior control of corn rootworm.
- The most advanced technology for above- and below-ground insect protection.
- Efficient trait integration technology: bringing advanced hybrids to market faster.

## DEFENSE AGAINST

**2 MOA** Southwestern, European Corn Borer

**2 MOA** Western, Northern, Mexican Corn Rootworm

**1 MOA** Black Cutworm

**1 MOA** Fall Armyworm

**1 MOA** Corn Earworm

MOA = Mode of Action

# ADVANCED INSECT PROTECTION TECHNOLOGY

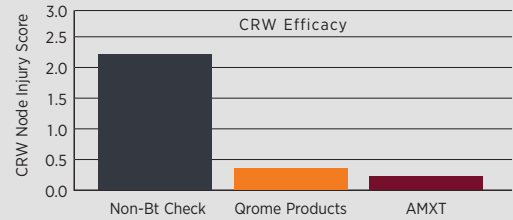
## SUPERIOR INSECT CONTROL

In multi-year testing, Qrome<sup>®</sup> products showed insect efficacy similar to products containing the original high-performing Herculex<sup>®</sup> traits. Both CRW protection efficacy, with average CRW node injury scores significantly lower than the non-protected check. The average CRW node injury score over the 3-yr study was 0.26 products with Optimum<sup>®</sup> AcreMax<sup>®</sup> XTreme insect protection and 0.32 for Qrome<sup>®</sup> products.

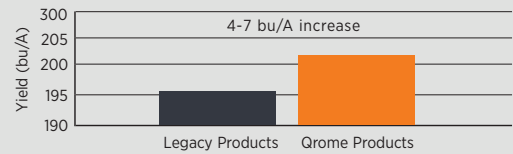
## ENHANCED YIELD PERFORMANCE

ELITE GENETICS AND ADVANCED PEST PROTECTION COME TOGETHER. Qrome products deliver an unrivaled combination of top-tier genetics, strong defensive traits and advanced seed treatments to help growers achieve higher productivity. In extensive research testing across a broad range of genetic platforms, Qrome products have shown significant yield improvement over legacy technology.

## PROVEN INSECT PROTECTION



2014-2016 across all three years of the study, a total of 24 locations had moderate to high CRW pressure (0.75-3.00). The average CRW node injury score of the CRW non-protected check was 1.63 across these 24 locations with -1700 observations/treatment.  
Oleson, J.D., Y. Park, T.M. Nowatzki, and J.J. Tollefson. 2005. Node-injury scale to evaluate root injury by corn rootworms (Coleoptera: Chrysomelidae). J. Econ Entomol. 98(1): 1-8.



Source: 2015-2017 DuPont Pioneer corn rootworm research trials.

## MORE EFFICIENT BREEDING FOR MORE PRODUCT OPTIONS



Hybrid with Qrome technology | Non-Bt hybrid

GET THE LATEST AND GREATEST IN CORN SOONER. The proprietary molecular stack technology in Qrome products offers improved integration across a broader range of germplasm, enabling more high-performance product options for growers. This more efficient breeding process helps bring new and better products to growers, faster.

Corteva Agriscience corn rootworm research trial; Johnston, Iowa.

