

THE KEY TO UNLOCKING HIGHER YIELD POTENTIAL



PIONEER® BRAND **QROME® PRODUCTS**

Our next generation of seed corn products is here. Pioneer® brand Qrome® products will include new, innovative technology to unlock yield potential within Pioneer's industry-leading genetics. These products are the most optimized balance of insect protection and agronomic performance ever advanced in the Pioneer product line-up.

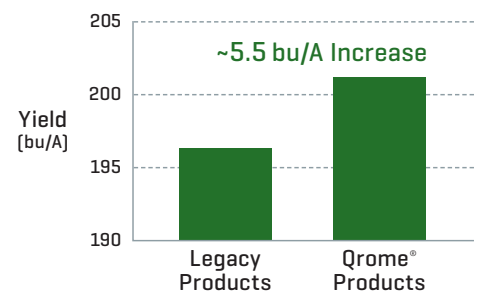
Qrome products feature dual modes of action to defend against above- and below-ground pests along with strong agronomic and disease resistance packages for maximum on-farm performance. This unrivaled combination of top-tier genetics, strong defensive traits, and advanced seed treatments will help growers achieve higher productivity on each acre.



ENHANCED YIELD PERFORMANCE

- In extensive research testing across a broad range of Pioneer's genetic platforms, and multiple years, Qrome products deliver a significant yield improvement over legacy triple-stack technology. In 2018 on-farm trials alone, Qrome products held a 10.2 bu/a advantage over all competitive products.¹
- Through more-efficient breeding, Qrome products bring a wider pipeline of high-performance products in a broad range of maturities across the Pioneer product lineup.

ENHANCED YIELD PERFORMANCE

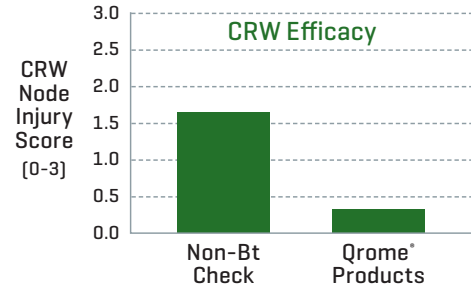


Source: Pioneer Research Trials

SUPERIOR INSECT CONTROL

- The most advanced technology for above- and below-ground insect protection offered by Pioneer includes two modes of action to control corn rootworm.
- Qrome products include a unique molecular stack of the proven Bt proteins from the Herculex® I and Herculex® RW traits.

PROVEN INSECT PROTECTION



2014-2018 Pioneer corn rootworm research trials, 39 locations

HIGH-PERFORMANCE TRIPLE-STACK PRODUCT OPTIONS

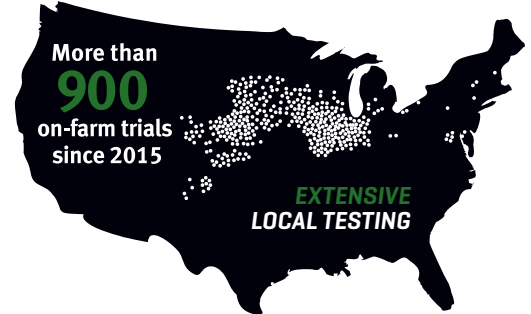
- Proprietary molecular stack technology in Qrome products offers improved integration across a broader range of Pioneer germplasm, enabling more high-performance, triple-stack product options for growers.
- More efficient breeding process empowers Pioneer researchers to bring new and better products to growers, faster.

Pioneer corn rootworm research trial, Johnston, Iowa



TESTED AND PROVEN IN LOCAL FIELDS

- Qrome products have been tested extensively in multi-year, local research trials across the U.S.
- Since 2015, Qrome products have been tested in more than 900 Product Knowledge Plots (PKP) and IMPACT™ trials under a variety of conditions and environments.



Pioneer.com/Qrome



*2018 Qrome performance data is based on the average of 244 comparisons made in the United States through Nov. 14, 2018. Comparisons are against all competitors and within a +/- 3 CRM of the competitive brand.

Herculex® XTRA Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred. Herculex® and the HX logo are registered trademarks of Dow AgroSciences LLC. YieldGard®, the YieldGard Corn Borer design and Roundup Ready® are registered trademarks used under license from Monsanto Company. LibertyLink® and the Water Droplet Design are trademarks of Bayer. Agrisure® is a registered trademark of, and used under license from, a Syngenta Group Company. Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG. Pioneer® brand products are provided subject to the terms and conditions of purchase which are part of the labeling and purchase documents. © TM SM Trademarks and service marks of DuPont, Dow AgroSciences or Pioneer, and their affiliated companies or their respective owners. © 2019 PHIL 19D-1038



Agriculture Division of DowDuPont