

# AZTEC® HC IMPROVES CONSISTENCY OF CORN ROOTWORM CONTROL AND DELIVERS MORE YIELD THAN TRAITS ALONE WITHOUT HERBICIDE RESTRICTIONS.

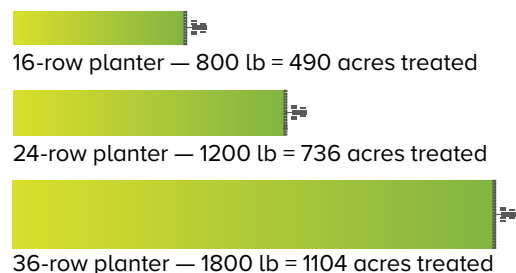
## Improved Protection Over Traits Alone

Regardless of the hybrids you choose for your fields, **AZTEC® HC Higher Concentration Granules Corn Soil Insecticide** provides superior control to protect your corn seed investment. Get improved consistency in rootworm control with an in-furrow application of **AZTEC HC** to provide the best growing environment for your crop. Heavy pressure, expanding Bt resistance or rootworm variants in first year corn can result in root feeding and lodged corn — which can limit yields and slow you down at harvest. With the higher concentration of **AZTEC HC**, you spend less time handling product and more time planting corn.

## Get the Convenience and Proven Performance of AZTEC HC In-Furrow:

- Control all species of corn rootworm (northern, western, southern, Mexican) — including trait-resistant and rotation-resistant variants of northern and western corn rootworm
- Control seed- and seedling-attacking pests including cutworm, seedcorn beetle, seedcorn maggot, wireworm and white grub
- In-furrow application of **AZTEC HC** produces healthier roots and stronger stands, resulting in greater harvest efficiency and higher returns

## AZTEC HC – More Acres With Fewer Refills



**Crops:** Field corn, sweet corn, popcorn, corn grown for seed or silage



Product	Formulation	Packaging	Rate per 1000 ft	Rate/A on 30-inch Row Spacing
<b>AZTEC HC</b>	9.34G	SmartBox®, SmartCartridge®	1.5 oz	1.63 lb

See our entire line of products at [AMVAC.com](http://AMVAC.com)



**AZTEC HC has proven its value in university trials and on the farm.**

To demonstrate the enhanced yield response that **AZTEC HC** produces in conventional and traited corn, AMVAC® sponsored academic trials across the Midwest for several years. The trials featured **AZTEC HC** on rootworm trait hybrids (both single and dual mode of action traits) and untreated refuge hybrids. **AZTEC HC** provided greater percent consistency of root protection across trials for each hybrid platform and increased yields across trials in each of the hybrid platforms evaluated.

**Seed treatments don't control rootworm and traits don't control seed-attacking pests. AZTEC HC controls both.**

Western corn rootworm resistance has been documented in-field with all commercially available Bt traits. Resistance of northern corn rootworm to two commercial Bt proteins was reported by North Dakota State University in 2019\*.

**Protect Your Investment – Maximize Yield Potential:**

- Every kernel counts, and every extra bushel pays
- Own the furrow with the convenience, the performance and the protection of **AZTEC HC**
- Another SMART Solution from AMVAC

SmartBox®, SmartBox+™ and SIMPAS™ Closed-Application Systems combine handling safety and application accuracy that fits today's highspeed planters. Aztec HC can also be accurately applied using Precision Planting® vDrive® SmartBox insecticide systems.

\*Veronica Calles-Torrez et al. "Field-Evolved Resistance of Northern and Western Corn Rootworm (Coleoptera: Chrysomelidae) Populations to Corn Hybrids Expressing Single and Pyramided Cry3Bb1 and Cry34/35Ab1 Bt Proteins in North Dakota," Journal of Economic Entomology, 112(4), 2019, 1875-1886.



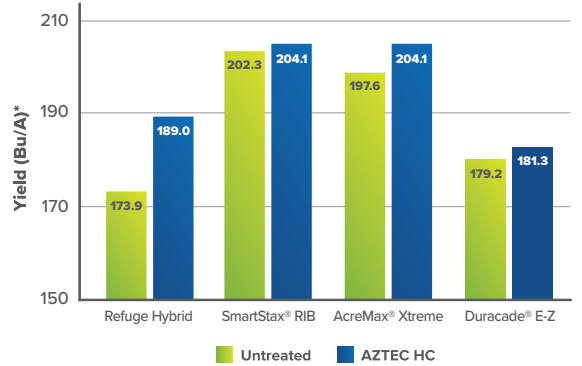
Red, White, Blue, Green and All Colors in Between:  
A SmartBox System Fits Your Planter



**AZTEC HC** applied in-furrow (left) vs. untreated check on non-rootworm trait hybrid (right). 2019 SD trial.

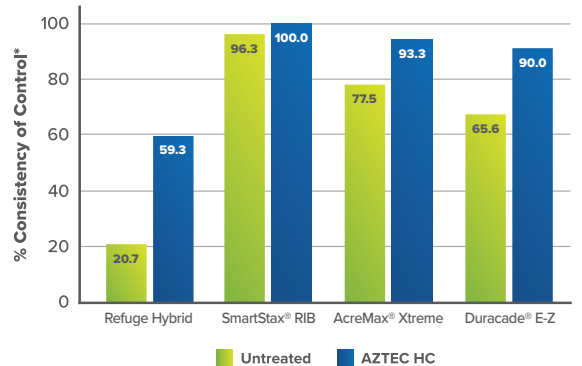
Photos by AMVAC Chemical Corporation

**Aztec® HC Boosts Yields in Combination with Corn Rootworm Trait Hybrids**  
Summary of 9 University Trials conducted in 2020



**Corn Hybrid Platforms – Aztec HC vs. Untreated**  
\*Yields adjusted to 15% moisture. Hybrids evaluated across trials include Refuge (no rootworm trait), SmartStax® RIB Complete®, Optimum® AcreMax® Xtreme and Agrisure Duracade® E-Z Refuge.

**Aztec® HC Improves Consistency of Corn Rootworm Larval Control in Combination with Trait Hybrids**  
Summary of 9 University Trials conducted in 2020



**Corn Hybrid Platforms – Aztec HC vs. Untreated**  
\*Percent consistency of rootworm control equals % of roots sustaining ≤ 0.25 node-injury (NI) on the 0-3 scale. Hybrids evaluated across trials include Refuge (no rootworm trait), SmartStax® RIB Complete®, Optimum® AcreMax® Xtreme and Agrisure Duracade® E-Z Refuge®.