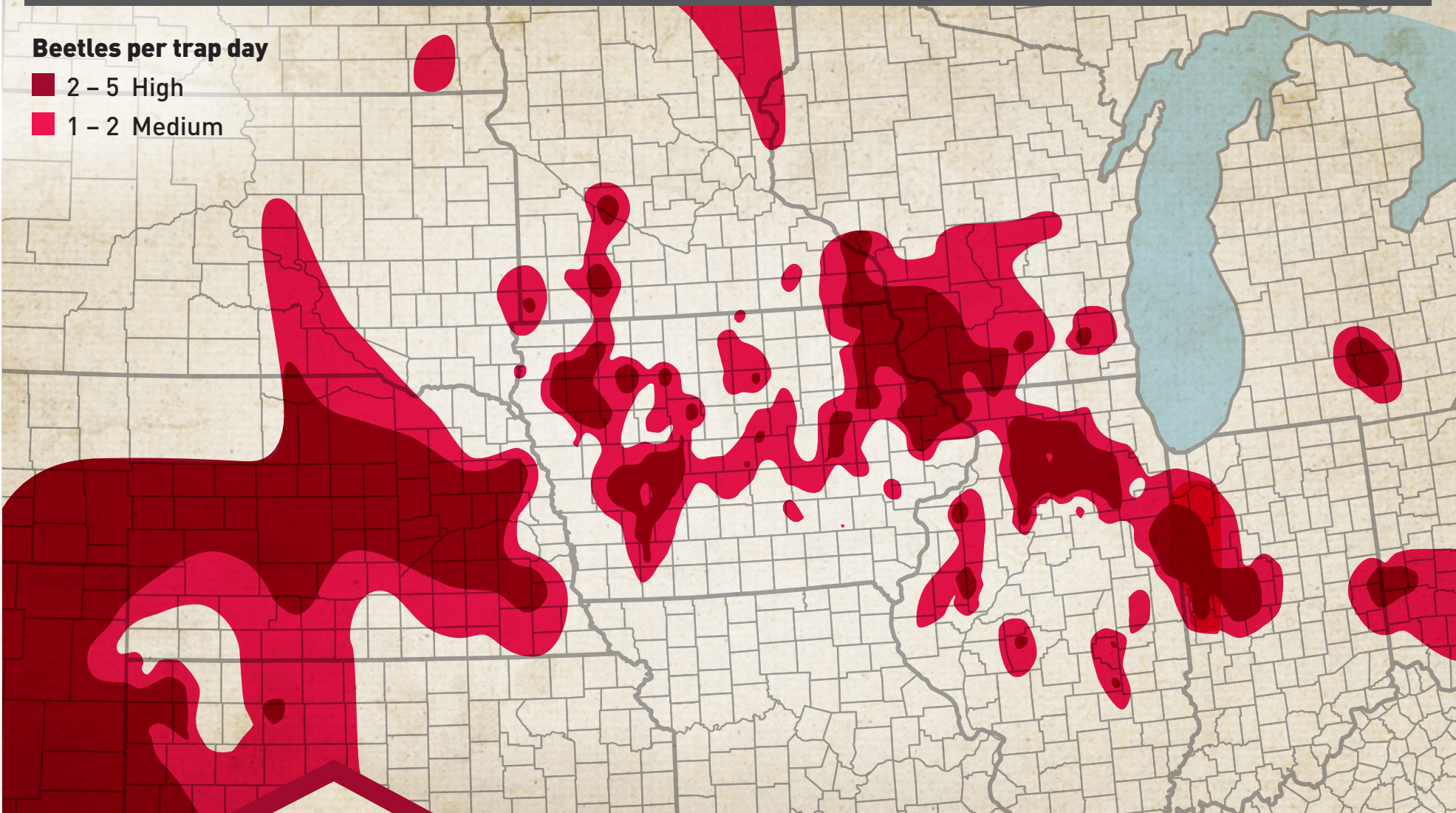


2019 ESTIMATED RISK OF DAMAGING CORN ROOTWORM POPULATIONS*

Beetles per trap day

■ 2 – 5 High

■ 1 – 2 Medium



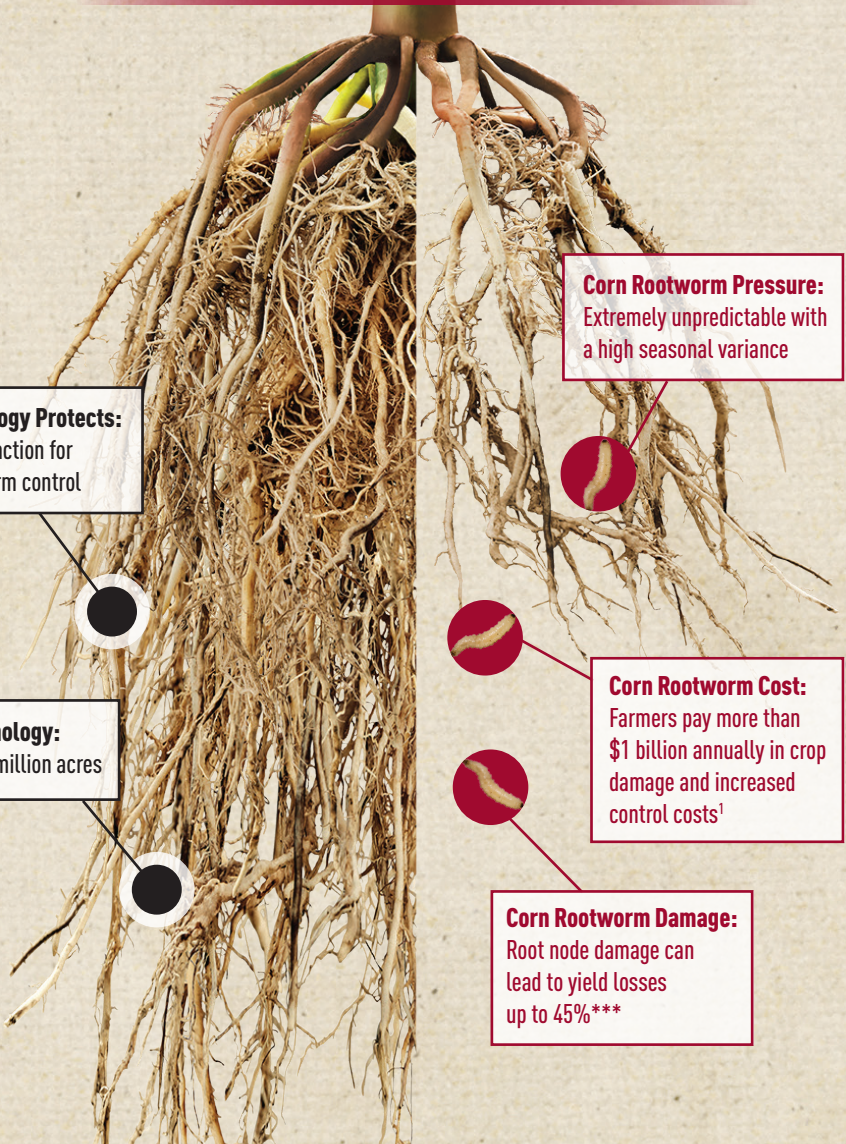
STAY TRUE TO YOUR ROOTS WITH SMARTSTAX® TECHNOLOGY

Don't leave the foundation of your yield defenseless against corn rootworm.

Protect your roots from the Billion Dollar Bug¹ with SmartStax® technology. Two built-in modes of action provide for maximum control of corn rootworm and the assurance of knowing your crop and yield potential are protected all season long.

YIELD GOES BACK TO YOUR ROOTS

Explore the benefits of utilizing SmartStax® technology versus leaving your crop unprotected



SmartStax®

TECHNOLOGY

10 bu/A & 20 bu/A ADVANTAGE**

SmartStax® RIB Complete® corn blend has proven to have an average 20 bu/A advantage over non-bt traired corn and an average 10 bu/A advantage over non-bt traired corn + a soil-applied insecticide.

SOURCES:
1 U.S. Department of Agriculture (USDA) - Monsanto.com
* The map developed from the Corn Rootworm Monitoring project provides a high-level guide of where the monitoring team saw CRW pressure in 2018 and helps to identify annual population hot spots. Red areas indicate captures of greater than 5 beetles/trap/day. The map resulting from the Corn Rootworm Monitoring collaboration led by Monsanto shows strictly corn fields. The map is a representation of average value sampled areas only and based on an interpolation of point data. The intention of the map is to serve solely as a high-level guide of where the monitoring team saw CRW pressure in 2017. The data and map should not be used as a prediction or characterization of where CRW will be in the future.
** In moderate to high rootworm pressure situations, SmartStax® RIB Complete® corn blend products provided an average 20 bu/acre advantage over products without B.t. corn rootworm protection and an average of 10 bu/acre advantage over products without B.t. corn rootworm protection used in combination with a soil-applied insecticide. TD Sites in IL, IA, KS, CO, NE, WI, MI, IN, MN, SD, OH, DE (2010-2013)1100-112RM, N=46 protocol site years under moderate and high CRW pressure. Moderate Pressure = untreated check averaged > 0.5-1.0. High Pressure = locations where untreated check averaged > 1.0.
*** Tinsley, N.A., Estes, R.E., and Gray M.E. 2012. Validation of a nested error component model to estimate damage caused by corn rootworm larvae. Journal of Applied Entomology. DOI:10.1111/j.1439-0418.2012.01736x.
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