



FORCE BRANDS: SUPERIOR CORN ROOTWORM CONTROL

Corn rootworm (CRW) pressure can vary year to year, but it's a pest that should not be underestimated. **The damage and management associated with the pest costs \$1 billion per year.**¹ CRW larvae feed on young roots and adults feed on corn silks, which can result in less nutrient absorption, poor pollination and root lodging. **For every node of the corn root that is injured by CRW larvae, corn yield could reduce by 15-17%.**² Plus, corn rootworm eggs are able to overwinter, and if you're planting corn-on-corn, larvae can emerge in the following year to take a bite out of profits.



MAXIMIZED YIELD POTENTIAL AND SUPERIOR PEST CONTROL

For 30 years, you've been able to rely on Force[®] insecticide brands because CRW has not developed resistance to them. Force brands:

- Provide the most consistent control of CRW and other early-season pests, such as white grub, wireworm, seedcorn maggot and cutworm
- Help improve root growth and nutrient uptake to result in a higher yield potential that outperforms the competition
- Deliver an average yield increase of ~10 bu/A when used on top of CRW traits (single or double stack)³

FORCE BRANDS ON CRW TRAITS CAN BOOST YIELD POTENTIAL



Force brands on 501 trait trials; Illinois, Indiana, Iowa, Minnesota, Michigan, Nebraska, Ohio, Wisconsin; 2007-2017⁴

92% of Force brands on CRW trait strip trials resulted in a positive yield increase

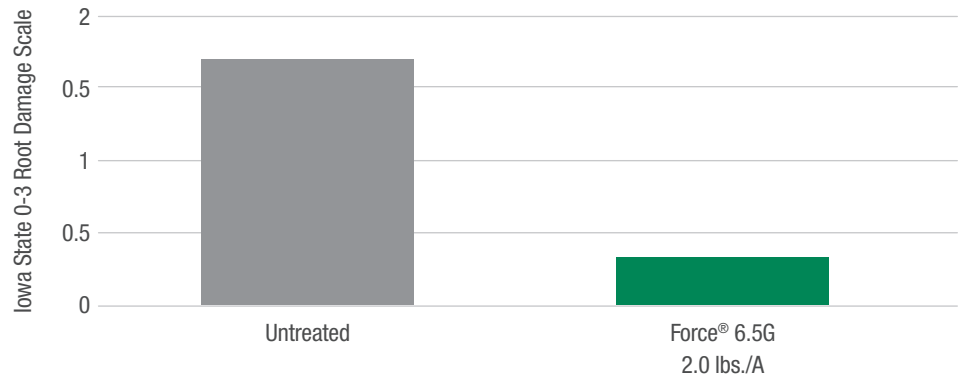
FORCE BRANDS OFFER APPLICATION OPTIONS AND CONVENIENT HANDLING

Depending on your application equipment preference there is a Force brand for you. Force 6.5G and Force Evo formulations offer hassle-free planting, convenient handling and leave minimal residue on equipment for easier cleanout.

Force® 6.5G

- Offers the lowest per acre rate of formulated product in the granular bag segment¹
- Goes farther and results in fewer stops to refill insecticide boxes, which allows faster, more efficient planting with less hassle
- Results in fewer bags to store, handle and load, compared to lower-load formulations, such as Aztec® 4.67
- Reduces dust-off significantly compared to Aztec 4.67 and Force 3G

COMPARED TO UNTREATED, FORCE 6.5G DELIVERS CRW CONTROL FOR MINIMIZED ROOT DAMAGE

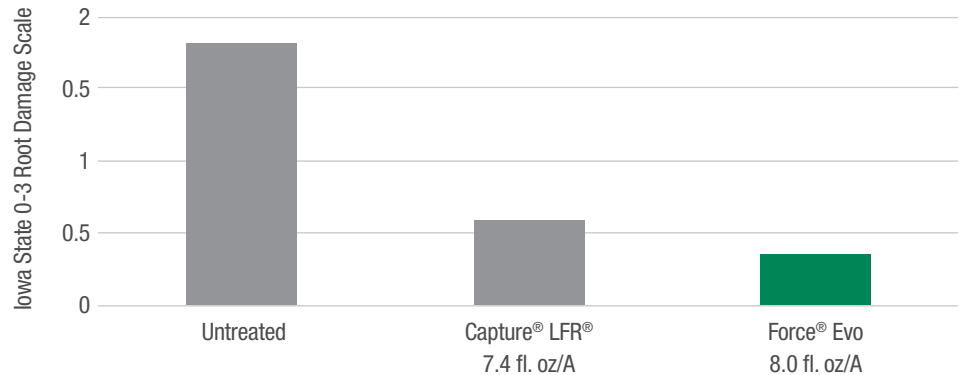


Internal Syngenta trials on non-CRW treated corn; equivalent rates based on 30" rows; untreated checks with root rating > 0.75. Minnesota, Nebraska, Wisconsin; 2016

Force® Evo

- Offers starter fertilizer compatibility with 100 liquid starter fertilizers and is also compatible with water as the carrier
- Allows for low viscosity and improved insecticide pumping and flowability through a liquid formulation
- Makes loading application equipment easy because of its closed system packaging
- Leaves 4-6x less residue buildup on equipment surfaces for easier cleanout than past formulations

FORCE EVO PROVIDES PROVEN AND TRUSTED PERFORMANCE, EVEN UNDER CRW PRESSURE



Internal Syngenta trials on non-CRW treated corn; equivalent rates based on 30" rows; untreated checks with root rating > 0.75. Iowa, Nebraska, Illinois; 2019

Talk to your local Syngenta sales representative or retailer for more information about Force Brands.



¹ G. Johal et. A; Purdue University, 2013

² SDSU Extension

³ Syngenta 2007-2017 (Various RW traits utilized; trials located in NE, IL, IN, MI, MN, IA, OH, WI)

⁴ Breakeven calculation: Force 6.5G 2.0 lbs/A. (\$24.00) or Force Evo 8.0 oz/A (\$24.00), divided by \$3.45/bu = 6.95 bushels

⁵ Compared to Aztec® 2.1G, Aztec 4.67, Lorsban® 15G



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