

NEOVO™

INSECTICIDE/NEMATICIDE

POWERED BY **RINOTEC™** TECHNOLOGY



UNCOMPROMISING EFFICACY

FOR CORN ROOTWORM AND LESION NEMATODE

Neovo™ is a novel, liquid insecticide/nematicide, powered by RinoTec™ Technology, that controls corn rootworm and suppresses lesion nematodes. The easy-to-use formulation is compatible with a wide range of fertilizers and crop protection products. Neovo is designed to be used in-furrow, at planting. Neovo has been extensively tested by universities and third-party contract researchers for more than four years, proving its value to Midwest farmers looking for uncompromising efficacy, flexibility, and freedom to farm.

BENEFITS:

- **Protects** yield potential
- **Controls** pyrethroid and Bt-resistant rootworm
- **Compatible** with fertilizers and other crop protection products
- **Complimentary** to soil health programs
- **Easy to Use:** Liquid, in-furrow, applied at planting
- **Freedom to Farm:** Minimal PPE, 4-hr REI
- **Family and Employee Focused:** Control you expect with the safety profile you deserve

TECHNICAL & REGULATORY PROFILE

Active:	RinoTec™ Technology
IRAC:	UNB - Bacterial Agents (Non-Bt) of Unknown or Uncertain Mode of Action
Formulation:	Liquid
Translocation:	RinoTec™ Technology is absorbed and translocated locally within the developing root system creating a protective zone in and around the roots.
REI:	4-Hours
PPE:	Minimal

BEST USE GUIDELINES:

- Apply at planting: in-furrow or T-band
- Rate: 20 fl. oz./A
- Mix with starter fertilizer or water
- Pack Size: 110-gallon totes; 2.5-gallon jugs

CROPS

- ✓ Field Corn ✓ Seed Corn ✓ Sorghum
- ✓ Popcorn ✓ Silage Corn

SPECTRUM OF CONTROL



Corn Rootworm



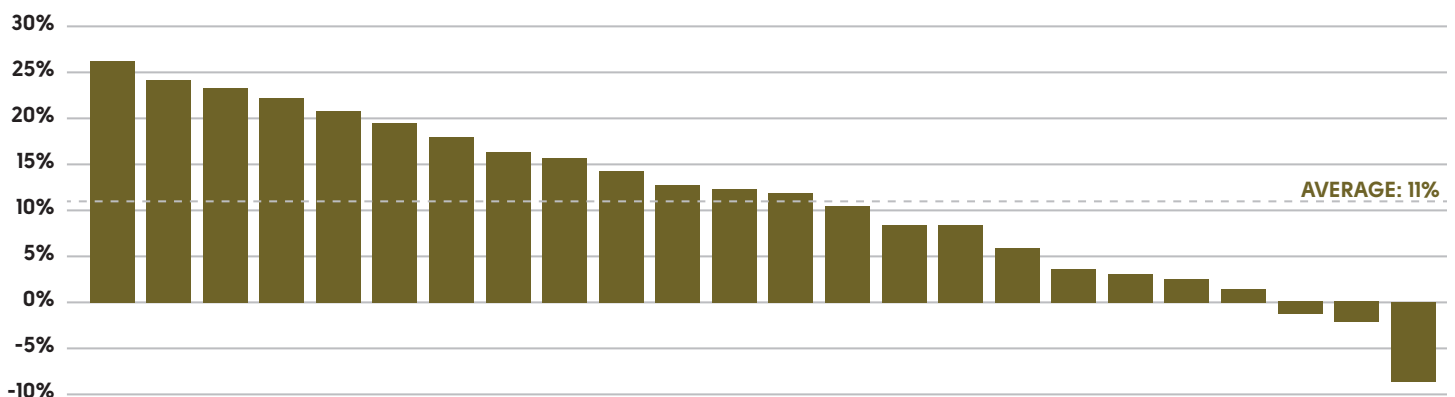
Wireworm



Lesion Nematode

NEOVO PERCENTAGE YIELD INCREASE OVER UNTREATED CONTROL

Summary of 24 Midwest Trials



Always read and follow label instructions



POWERED BY
RINOTEC™

RinoTec™ Technology refers to the microorganism, whole fermentation solution, proprietary processes, patents and trade secrets that comprise ProFarm's latest insecticide/nematicide innovation.



We've been looking at Neovo for a number of years, applying it as an in-furrow product on field corn with and without starter fertilizer.

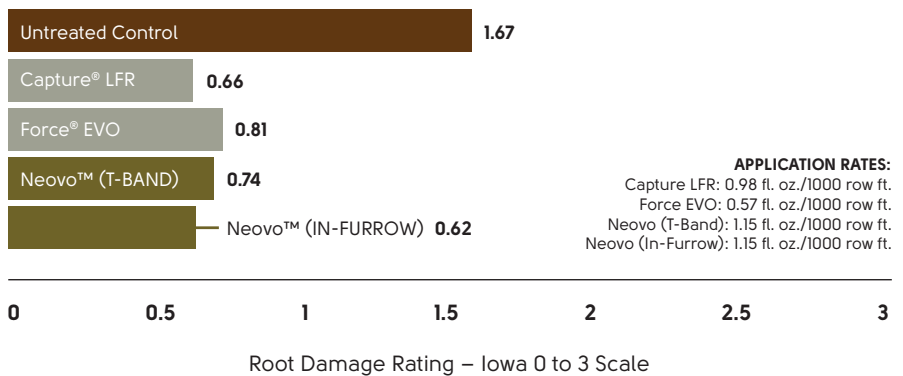
Neovo broadens the spectrum of protection on corn, resulting in early season vigor, plant health, and earlier emergence. It's seed safe. It works."

--Tim Maloney, Ph.D.
AgriTech Consulting, Whitewater, WI

EFFICACY RESULTS

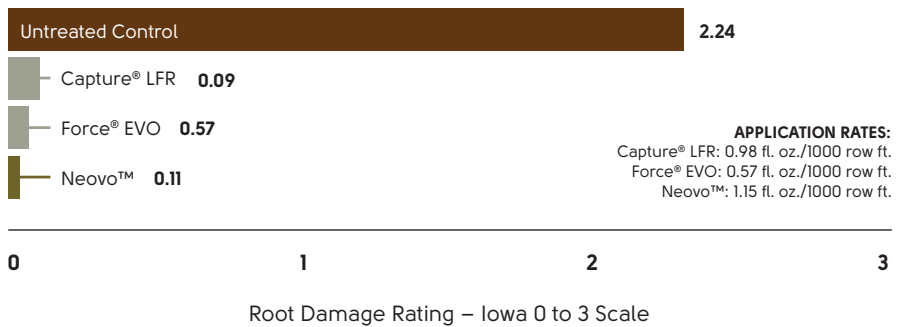
NEOVO vs. GROWER STANDARD FOR CORN ROOTWORM DAMAGE

Agri-Tech Consulting, Whitewater, WI, 2023



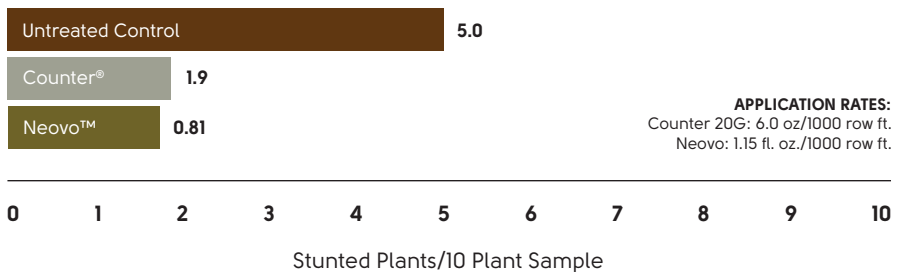
NEOVO vs. GROWER STANDARD FOR CORN ROOTWORM DAMAGE

South Dakota State University, Bryant, SD, 2023



NEOVO vs. GROWER STANDARD FOR LESION NEMATODE DAMAGE

Agri-Tech Consulting, Whitewater, WI, 2022



TALK TO A
LOCAL EXPERT

MECHANISMS OF ACTION

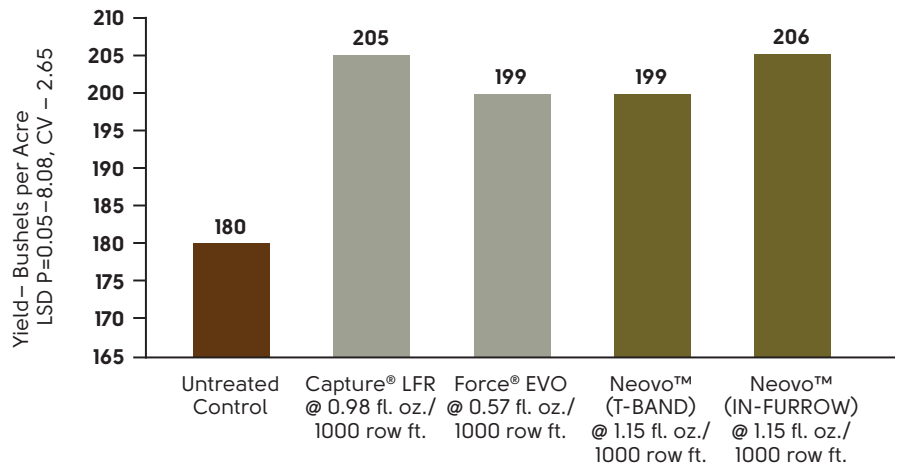
Neovo™ combines a suite of mechanisms against nematodes including:

- **Feeding Site Disruption:** Neovo™ prevents the nematode's ability to create feeding sites, stopping galling and protecting root systems.
- **Ingestion:** Unlike endoparasitic nematodes that invade roots, ectoparasitic nematodes stay in the soil, ingesting plant tissue without forming permanent feeding sites. Neovo™ effectively targets both types by acting in the soil and within roots.
- **Repellency:** Neovo™ alters root exudates, disrupting the nematode's ability to detect and migrate toward roots. This repellent effect enhances seedling protection.
- **Plant Mediated Response:** Roots treated with Neovo™ Technology also show sustained increases in peroxidase activity, providing additional defense against nematodes.

YIELD RESULTS

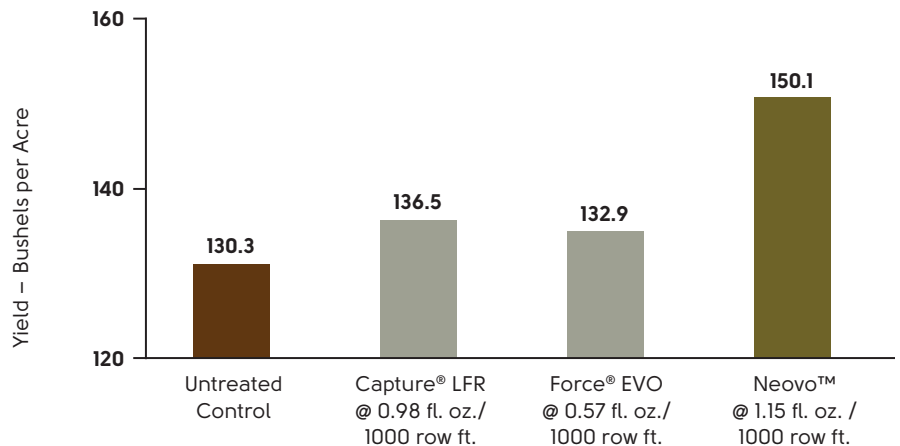
NEOVO vs. GROWER STANDARD FOR CORN ROOTWORM YIELD

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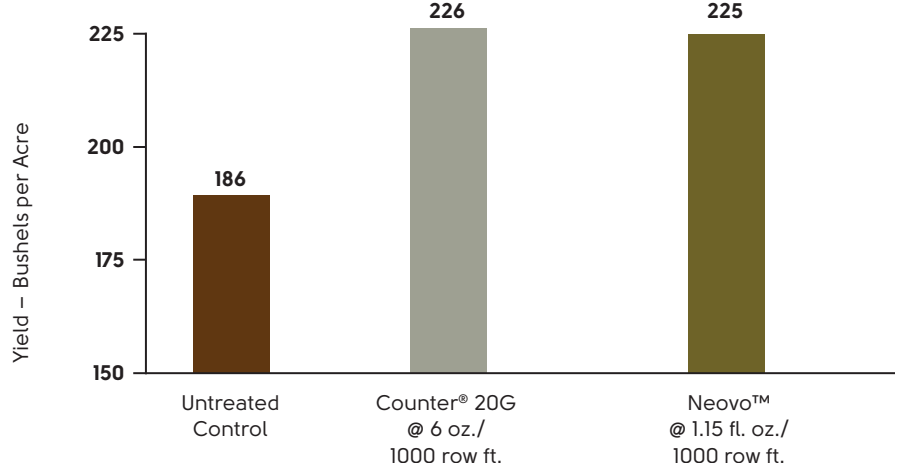
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NEOVO vs. GROWER STANDARD FOR LESION NEMATODE YIELD

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References: Roche, Ph.D., John P. The State of Resistance to Transgenic Bt Crops, April 18, 2023
<https://entomologytoday.org/2023/04/18/insect-resistance-transgenic-bt-crops-bacillus-thuringiensis/>

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