

I MAXIA MATICIDE

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$NIMAXXA^{TM}$

Overview

Nimaxxa	
Active Ingredient	Bacillus paralicheniformis Strain CH2970 & Strain CH0273, B. subtilis strain CH4000
Mode of Action	Multiple with direct and indirect effect against nematodes and eggs
Target Crop	Soybean & Corn
Timing	Seed Treatment
Spectrum	All Nematodes
Key Benefits	Provides protection against yield robbing nematodes
Notes	Multiple strains, hearty bacteria and a stable formulation





NIMAXXATM

Main benefits and attributes

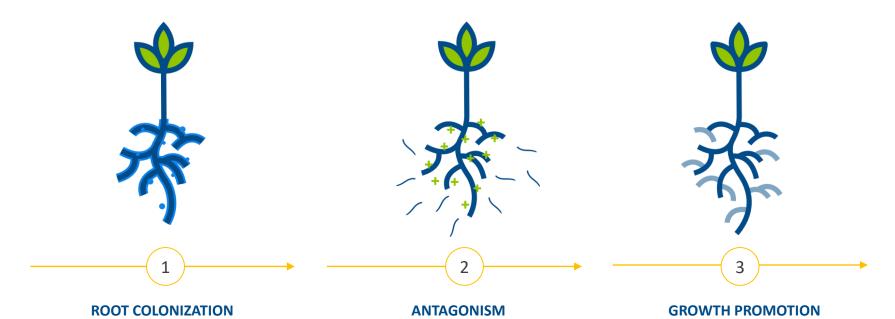
- Broader spectrum of control due to multiple strains of Bacillus
- Multiple modes of action acting in different stages of nematode cycle
- Increased chances of establishing bacteria in the crop roots due to a mix of strains
- No need for cold chain/cold storage conditions
- Innovative liquid formulation suitable for seed treatment and soil application
- Compatible with all major products being used in seed treatment and tank mix
- Excellent stability of the spore on the seed after treatment (12+ months)





How **NIMAXXA**™ works on crops

A cascade of events



Once in the soil, the bacteria in Nimaxxa quickly colonize the roots to form a biofilm. Using plant exudates present in the roots, the bacteria then colonize the root surface and grow together with the plant, providing protection against penetration by juveniles.

When colonizing the root system, the bacteria produce nematocidal and antimicrobial compounds/ metabolites that harm pathogens that approach the root. These active metabolites act directly against nematodes – both eggs and juveniles.

Different plant growth-promoting compounds are also produced that help stimulate cell-wall expansion in the roots and promote root development, enhance plant growth, and ultimately increase plant biomass.





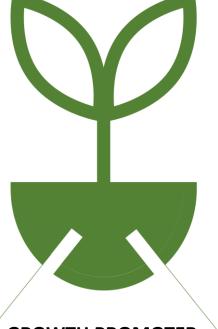
NIMAXXATM

Multiple Modes Of Action



ROOT COLONIZATION

Bacteria colonize the root system forming chemical and physical protection



BIONEMATICIDE

Bacteria secrete metabolites that have direct action on the viability of nematode eggs and juveniles



GROWTH PROMOTER

Bacteria moves through the root producing exudates, competing with pathogens in the search for nutrients and in the occupation of niches in the root







ILevo® vs NIMAXXA







