News Releases/ Media Relations

PRODUCTION

Seed Treatment Taps New Tech

he National Cotton Council estimates that nematodes cost frustrated farmers more than a quarter of a billion dollars in lost revenues a year across the Cotton Belt. This year farmers will have a new tool for combating this troublesome pest. The newly available N-Hibit[™] Cotton Seed Treatment uses harpin protein technology to spur cotton plants to fight nematodes from the "inside-out." "By inside-out we mean that the

plant's own natural inner growth and defense capabilities are turned on by N-Hibit's harpin protein, and one result is that nematode reproduction is substantially reduced," explains Dr. Ned French.

Tapping Harpin Triggers

Dr. French is the field development scientist at Eden Bioscience, which developed N-Hibit and other harpin protein products that contain their exclusive Harp-N-Tek technology. "We already knew that the harpin

proteins in N-Hibit are unique in the way they switch on plant growth and defense systems to enhance plant health," Dr. French says. University trials additionally showed that N-Hibit and other harpin proteins can substantially reduce

nematode egg production, Dr. French adds. The result was formulating a seed treatment so cotton farmers can have this additional protection starting at germination.

Plants have numerous ways to fight off and grow through invasive diseases and parasites such as the nematode, and scientists believe that harpin triggers one or more of them. Research results have been very positive, Dr. French says.

Promising Results

ed with N-Hibit seed treatment averaged fewer than half as many root knot nematode eggs as the untreated check. Recent research findings will be detailed at the Beltwide Cotton Conferences in posters that are part of the Cotton Disease Council Technical Conference. Dr. French also will pre-



Early-season protection is critical.

Bioscience booth among the Cotton

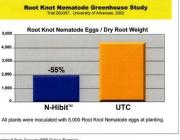
update on research findings for

Foundation Technical Exhibits.

sent a summary during the New Developments from Industry session, and he will be available at the Eden

N-Hibit is available as a commercial seed treatment applied by the seed The presentations also include an dealer or as a hopper box formulation

ProAct[™], a Harp-N-Tek foliar spray with registration pending. When Eden Bioscience contributed to this applied with glyphosate, it is shown to article. For more information about



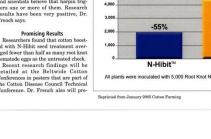


N-Hibit fits IPM programs and costs

junction with them to gain the added advantage of N-Hibit's environmentally preferable, non-toxic inside-out mode of action, Dr. French says.

easily applied on the farm.

provide a yield boost and other bene-fits, Dr. French says. (888) 879-2420.



a fraction of standard plant protection products. The product also can be used in con-

1776/2006 "A Critical Year"

