# NEMATODES: <br> ROOT HEALTH \& TREE LONGEVITY THREAT <br> GROWERS CAN'T SEE 

UNSEEN BUT
FIERCE ON
ROOT HEALTH

Nematodes, microscopic roundworms barely visible to the naked eye, pose a serious problem for walnut and almond growers. Even with proper sanitation and fumigation practices, nematodes can still become an issue after setting new trees. Nematode populations can build up in the soil, attack tree roots and impact overall tree health.

 MISSION CROP YIELD
 $\begin{array}{l:c}\text { IN YIELD LOSS } \\ \text { WORLDWIDE }^{2} & \text { OF YIELD LOSS IN } \\ & \text { YOUNG TREES }\end{array}$

## BEST PRACTICES FOR

## TREATING NEMATODES ${ }^{3}$

1. Sample for nematodes to determine the presence, species and number of nematodes through an experienced lab.
2. If possible, fumigate the soil prior to planting new trees. This will reduce the number of nematodes initially but will offer only a temporary solution.
3. Applications of Movento ${ }^{\circledR}$ in established orchards resulted in a reduction of nematode populations. Movento does offer a nematode management tool that can easily be incorporated into a tree nut grower's cultural practices.

RESEARCH SHOWS APPLIGATIONS OF MOVENTO® IN ESTABLISHED ORCHARDS HELPED RESULT IN:



SUPPRESSION OF RING NEMATODES

## MOVENTO ${ }^{\circledR}$ SUPPRESSES RING NEMATODES BY 85\%

Ring nematodes $/ 500 \mathrm{~g}$ sample in almonds (2009-2011)*
(Butte \& Padre pooled, $\mathrm{n}=24$ trees)

*Trial conducted by Gary Braness, Bayer CropScience, Kerman, CA, 2009-2011,

SUPPRESSION OF ROOT-LESION NEMATODES

Movento ${ }^{\circledR}$ insecticide is the only foliar application with downward movement within the tree to protect roots by suppressing nematodes. Include Movento as part of your pest management program to protect tree root health, improve
vigor and produce high yields year after year.

