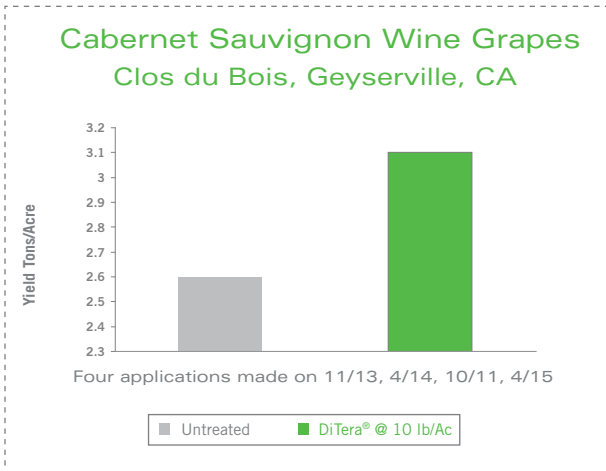




For Grapes



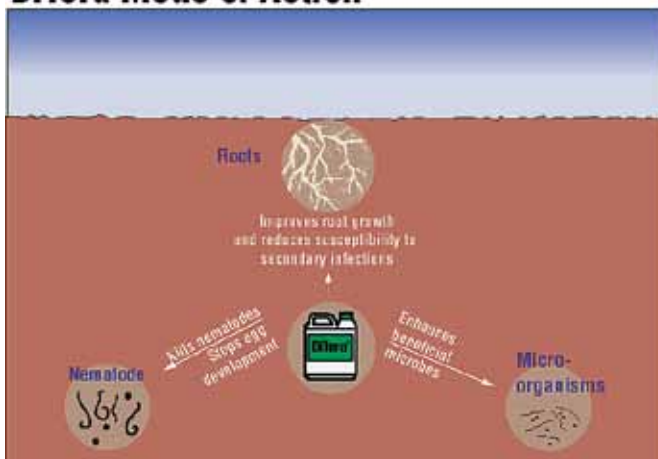
DiTera® Biological Nematicide Provides Excellent Return on Investment (ROI)



Yearly DiTera® Application Cost: \$300/Ac.  
Additional Revenue Generated: \$1,000/Ac.  
ROI: 3:1

DiTera®, a natural nematicide with unique modes of action, has a beneficial impact on plant root health and soil micro organisms. In-season DiTera® applications result in increased plant vigor and yields without adverse environmental impact.

**DiTera Mode of Action**



**How it Works**

DiTera® has three direct nematicidal modes of action:

- Kills nematodes by paralysis of the muscles controlling feeding and locomotion
- Inhibits nematode sensory organs causing disorientation
- Prevents egg hatching and development

DiTera® also:

- Enhances beneficial microbe populations
- Reduces susceptibility to secondary infections of plant roots
- Increases soil water-holding capacity

## DiTera® Biological Nematicide Inhibits Action of Nematode Feeding Stylet

Treatment (Exposure Time)	1.0 Minutes (thrusts/minute)	3.0 Minutes (thrusts/minute)	5.0 Minutes (thrusts/minute)
Check	39.0	40.8	36.6
1% DiTera® (1.0 h)	13.0	21.6	14.0

## Field Control of Nematode Populations with DiTera®

Vigorous and healthy growing plant roots provide more of a food source for nematodes. If left unchecked, nematode populations will rapidly increase.

- DiTera® lowers nematode populations compared to untreated controls under vigorous plant growth conditions.
- Due to increased amount of healthy roots in DiTera® treated plants, typical soil counts for nematodes may not show a population decrease.
  - ◇ However, more efficient (less galled) plant roots causing improved plant health will reliably occur using DiTera®.

Soil nematode populations naturally change during the crop season due to changes in:

- Soil moisture and temperature
- Amount of new plant root growth
- Amount and source of irrigation water
- Nematode movement about the soil

## DiTera® Advantages:

- Yield ROI
- Improved plant health
- Nematode control
- Enhanced soil profile



Untreated



DiTera® treated

ISO 9001:2008 Certified



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