TOPGUARD® Terra Fungicide Benefits

- Season long control
- Apply in single or split applications
- Extremely active on Phymatotrichopsis fungus which is responsible for Texas Root Rot disease
- Allows successful vineyard establishment in areas infested with root rot fungus
- Increases vineyard productivity and reduces cost by eliminating or diminishing the number of vines needing to be replaced each year

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<th>RATE OF APPLICATION</th>
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<td>Rate fl oz per Acre</td>
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<td>7.6 – 15.3</td>
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DIRECTIONS FOR USE THROUGH DRIP IRRIGATION
Apply at recommended use rates through above-ground drip irrigation system as outlined in USE DIRECTIONS section of the Section 24c Label. Irrigation system must be configured with at least one emitter within 8" of vine trunk.

APPLICATION RATE
Apply TOPGUARD Terra fungicide in a single application at 15.3 fl oz per acre or in a split of two applications of 7.6 fl oz per acre each. Do not apply more than 15.3 fl oz per year.

APPLICATION TIMING
Make initial application between 30 to 60 days after bud break. If a split application is desired, make second application no closer than 45 days after first application but not within 14 days of harvest. The second application may be applied postharvest to manage late season disease.

Healthy vines after treating with Topguard Terra fungicide.
Evaluation of Texas Root Rot Control in Grapes with Topguard® Terra fungicide - K.L. Smith, D.N. Appel, and S. McBride

Abstract: 3,540 individual vines were included in a single study near Burnet, TX with 1,180 vines being left untreated, 1,180 received the equivalent of 8 fl oz per acre Topguard Terra fungicide, and 1,180 received the equivalent of 16 fl oz per acre Topguard Terra fungicide. Treated and untreated rows were randomized throughout the vineyard.

Only 7 plants that received Topguard Terra fungicide at either rate died from root rot infection. Of the 1180 untreated plants, 92 died from root rot. This accounts for nearly 8 percent loss in a single year.