



## Grapevine Gro-Out Protocol

### 1st, 2nd & 3rd year

#### Pre-plant

OVS soil test, interpret and implement any deviations from the following with the help of an OVS agronomist.

#### Dormant Rooted Vines 1st Year *(assuming 5' x 7' planting density)*

1. Fertigate or drench 2.5 gallons/acre of OVS BGS1000 in late April to early May.
2. If you have irrigation apply 5 gallons/acre of OVS BGS1000 in mid July.

#### 2nd Year

1. Fertigate or drench 2.5 gallons/acre of OVS BGS1000 in mid-late April.
2. Fertigate or drench 5 gallons/acre of OVS BGS1000 in late May to early June.
3. If you have irrigation, fertigate 5 gallons/acre of OVS BGS1000 in mid July.

#### Green Growing Vines 1st Year

1. Fertigate or drench 2.5 gallons/acre of OVS BGS1000 2-3 weeks after planting.
2. Fertigate or drench 5 gallons/acre of OVS BGS1000 in mid-late July.

#### 2nd Year

1. Fertigate or drench 2.5 gallons/acre of OVS BGS1000 in mid-late April.
2. Fertigate or drench 5 gallons/acre of OVS BGS1000 in mid to late May
3. Fertigate or drench 5 gallons/acre of OVS BGS1000 in mid-late July.

#### 3rd Year Transitional Spray Program Towards Full Production Vineyard

1. Fertigate or drench 5 gallons/acre of OVS BGS000 in mid-late April.
2. Weed Control: Early spring - glyphosate 1.5% v/v. Early summer weed burn down Rely 280 1.7oz per gallon. Soil sample and leaf tissue samples should be done this year at bloom to establish nutritional needs, and to discuss results with an OVS agronomist.
3. Consider a woolly bud spray for rust mites if needed (sulfur or PureSpray Green oil.)
  - a) 12-15" of growth. TEB45 @ 4oz/acre
  - b) Three weeks later: Quintec @ 4oz/acre
  - c) Bloom: Pristine @ 18oz/acre
  - d) Three weeks later: Vivando @ 10oz/acre
  - e) Mid-late August: Regalia .5% v/v
  - f) Pre-harvest Botrytis if needed: Elevate/ @ 1lb/acre.

*Formulated with a full micronutrient, phytohormone and organic acid package, BGS1000 also increases N availability and utilization in addition to reducing phosphate fixation. It also has a lower salt index than most dry fertilizers, therefore the risk of plant phytotoxicity is greatly reduced.*