

## Grapes

Grapevines are well adapted to grow in a variety of soil types and environmental conditions. They have a lower nutrient requirement than many other crops. However, proper fertilization is essential to maintain a healthy and highly productive vineyard.

### When and How Much to Apply

#### *Pre-planting*

This presents an ideal time to conduct soil tests and rectify any nutritional problems, particularly in the availability of phosphorus and potassium. Organic blends such as **NutriSmart®**, **Blood & Bone + K** are excellent and the use of **Multicote Controlled Release** products would be beneficial.

#### *Young Vines*

1 year old vines require approximately 2.3 to 4.6 grams of actual nitrogen per vine each month and an application of potassium at 3.65 grams per vine each month too. An application of **Nutrafeed 20** at 8 to 16 grams per vine per month will supply the required nitrogen and potassium.

2 year old vines require 5 to 7 grams of actual nitrogen per vine per month and up to 5.5 grams of actual potassium. **Nutrafeed 20** at the rate of 18 to 25 grams per vine per month supplies the required nitrogen and will supply 4 to 5.25 grams of potassium.

#### *Mature Vines*

Specific programs should be based on soil and petiole tests. The **NUTRAFEED** fertilizer range has proved valuable in many areas and can be streamlined for precise applications of specific nutrient