



**BioWorks<sup>®</sup>**

# Verdanta<sup>®</sup> K-Vita<sup>®</sup>

**2-0-20**

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## Technical Sheet

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### **Formulation:**

- Organic fertilizer with a high potassium content (20% K<sub>2</sub>O)
- Compound organic fertilizer in *MINIGRAN<sup>®</sup>* form
  - Each granule contains the same proportion of ingredients
  - Up to 60% more efficient distribution for uniform color and growth
  - Faster starting action with extended nutrient release
  - Low in odor, dust-free application
  - Easy to apply with all measuring devices and professional applicators
- Registration Number 2015017D Fertilizers Act (Commercial Use Only)

### **Guaranteed Analysis:**

Total Nitrogen (N)..... 2.0%  
2.0% Water Insoluble Nitrogen\*  
Soluble Potash (K<sub>2</sub>O)..... 20.0%

Derived From: Vinasse Extract, Cocoa Shell Meal, Grape Seed Meal, and Soybean Meal

\*Contains 2.0% Slow Release Nitrogen

### **Key Benefits**

- Slow, but continuous release: no risk of excessive EC and improved efficiency of the potassium
- Useful to harden ornamental and nursery plants, when there is no nitrogen needed
- Essential for the cultivation of fruit, root and tuber crops to obtain maximum production
- Ideal potassium source for light and sandy soils or soils high in magnesium
- 100% organic: nutrients are gradually released by microbial activity which produces humus for better rooting and less leaching
- Because humus also improves the capacity to retain nutrients, potassium, an element that leaches quickly, is easily retained in the top layer of the soil
- OMRI Listed - suitable for use in certified organic production



**Available Sizes:**

- 18 kg bags packed 60 bags/pallet (1080 kg/pallet)

**Instructions for Use**

Verdanta K-Vita is used to provide potassium nutrition to ornamental or vegetable crops. The exact rate of K-Vita depends on the needs of the plant, the time of application, and the nutritional reserve in the soil. If irrigation is heavy, rates may need to be increased.

**Application Rates**

**Vegetables**

- Fruiting vegetables
  - At planting* ..... 8 – 12 kg/100 m<sup>2</sup> (16 - 25 lb/1000 ft<sup>2</sup>)
  - As an additional potassium source* ..... 5 – 8 kg/100 m<sup>2</sup> (10 – 16 lb/1000 ft<sup>2</sup>)
- Bulb and tuber vegetables
  - At planting* ..... 5 – 10 kg/100 m<sup>2</sup> (10 – 20 lb/1000 ft<sup>2</sup>)
  - As an additional potassium source* ..... 4 – 6 kg/100 m<sup>2</sup> (8 – 12 lb/1000 ft<sup>2</sup>)
- Leafy vegetables ..... 3 – 8 kg/100 m<sup>2</sup> (10 – 16 lb/1000 ft<sup>2</sup>)

**Fruit** (strawberries, grapes, etc.) ..... 5 – 10 kg/100 m<sup>2</sup> (10 – 20 lb/1000 ft<sup>2</sup>)

**Nursery Stock** (trees and ornamental shrubs)

- As a base fertilizer* ..... 5 – 8 kg/100 m<sup>2</sup> (10 – 16 lb/1000 ft<sup>2</sup>)
- As an additional potassium source* ..... 3 – 5 kg/100 m<sup>2</sup> (6 – 10 lb/1000 ft<sup>2</sup>)

**Ornamental Plants**

- Bulb and tuberous plants
  - As a base fertilizer* ..... 5 – 10 kg/100 m<sup>2</sup> (10 – 20 lb/1000 ft<sup>2</sup>)
  - As an additional potassium source* ..... 4 – 6 kg/100 m<sup>2</sup> (8 – 12 lb/1000 ft<sup>2</sup>)
- Ornamental plants – general (mums, etc.)
  - As a base fertilizer* ..... 5 – 8 kg/100 m<sup>2</sup> (10 – 20 lb/1000 ft<sup>2</sup>)
  - As an additional potassium source* ..... 3 – 5 kg/100 m<sup>2</sup> (8 – 12 lb/1000 ft<sup>2</sup>)

**Potting Mixes**

- Base fertilization (K<sub>2</sub>O) ..... 2 – 4 kg/m<sup>3</sup> (3 – 7 lb/yard<sup>3</sup>)
- Top dressing (on the pot) ..... 2 – 3 g/L (7.5 – 11 grams/gal)

*Always read and follow label directions. Contact BioWorks for additional recommendations or advice*