



BioWorks®



Verdanta™ GM-2 7-6-12

Verdanta™

BioWorks® Technical Sheet

Technical Description

Homogeneous • Granular • Compound Organic Based Fertilizer

GUARANTEED ANALYSIS:

Total Nitrogen (N).....	7.0%
1.0% Nitrate Nitrogen	
1.0% Ammoniacal Nitrogen	
1.0% Other Water Soluble Nitrogen	
4.0% Water Insoluble Nitrogen*	
Available Phosphate as (P ₂ O ₅).....	6.0%
Soluble Potash (K ₂ O)	12.0%
Magnesium as (Mg)	2.3%

Derived from: Hydrolyzed Feather Meal, Fermented Sugar Beet and Sugar Cane Molasses, Monoammonium Phosphate, Potassium Nitrate, Poultry Manure, Soybean Meal, Cocoa Shell Meal, Urea, Dicalcium Phosphate, and Magnesium Oxide.

*Contains 40% Slow Release Nitrogen.

Characteristics

- Organic based NPK fertilizer containing 2.3% magnesium
- A specific formulation with an emphasis on potassium (12% K₂O); ideal for plants with high potassium needs, such as:
 - ornamental plants and potted plants offering an abundance of flowers with intense colors
 - fruiting vegetables (tomatoes, peppers, cucumber, strawberries), tuberous vegetables, radish, asparagus, and others
- With its high potassium content also ideally suitable for sandy soils, poor in potassium
- Magnesium (2.3% Mg); indispensable for photosynthesis and deep green leaves
- Because of its gentle release, it is ideally suited for sensitive roots of young plants
- Suitable both as a base fertilizer and as a top dressing for field growing or in potting mixes
- Organically-bound nutrients: nutrients are gradually released by microbial activity which produces humus for better rooting and less leaching
- Produced in **MINIGRAN®** form

Packaging

40 lb bags packed 60 bags/pallet (2400 lb/pallet)

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To find out more about the BioWorks family of products, please contact us at **800-877-9443** or visit www.bioworksinc.com. ©2012 BioWorks, Inc.

RESPONSIBLE :: ECONOMICAL :: PROVEN

Formulation

Compound organic fertilizer in **MINIGRAN**® form. **MINIGRAN**® is a micro-granule with dimensions between 0.8 millimeters and 2.5 millimeters, of which at least 80% is between 1.0 and 2.0 millimeters.



- Each granule contains the same proportion of ingredients
- Controlled nutrient release due to the meticulous selection, amount and specific characteristics of the high-quality raw materials used, as well as the production process
- Up to 60 % more efficient distribution for uniform color and growth
- Faster starting action with extended nutrient release
- Phosphorus sources are easily taken up for better root development
- Low in odor, dust-free application
- Easy to apply with all measuring devices and professional applicators

Instructions for Use

The exact rate of GM-2 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 – Fruit and root vegetables	30 – 40 lb/1000 ft ²
Leafy vegetables and others	20 – 30 lb/1000 ft ²
Fruit (strawberries, grapes)	16 – 30 lb/1000 ft ²
Nursery stock – Trees and ornamental shrubs	30 – 40 lb/1000 ft ²
Perennials	16 – 24 lb/1000 ft ²
Ornamental Plants – Planting	20 – 30 lb/1000 ft ²
Maintenance fertilization	16 – 24 lb/1000 ft ²
Potting mixes – Base fertilization	4 – 8 lb/yard ³
Bedding plants	6 – 8 lb/yard ³
Container nursery	6 – 10 lb/yard ³
– Top dressing (on the pot)	7.5 – 11 grams/gal
Nursery containers	7.5 – 19 grams/gal
Landscapes – New planting	20 – 30 lb/1000 ft ²
– Maintenance – trees and ornamental shrubs (Mar-Apr)	30 – 40 lb/1000 ft ²
– Perennials and flowers (March-April)	12 – 16 lb/1000 ft ²

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

