



BioWorks®



Verdanta® N-Vita® 9-4-3

Verdanta®

Technical Description

Homogeneous • Granular • Organic Fertilizer

GUARANTEED ANALYSIS:

Total Nitrogen (N)	9.0%
9.0% Water Insoluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	4.0%
Soluble Potash (K ₂ O)	3.0%

Derived from: Hoof and Horn Meal, Bone Meal, Cocoa Shell Meal, Soybean Meal, and Fermented Sugar Beet and Sugar Cane Molasses.

*Contains 9% Slowly Available Nitrogen from Hoof and Horn Meal, Cocoa Shell Meal, Soybean Meal, and Fermented Sugar Beet and Sugar Cane Molasses.

Characteristics

- N-Vita is ideal for organic production
- N-Vita is excellent for herbs and leafy greens crops
- N-Vita offers several advantages when used as a base fertilizer in conventional or organic programs.
 - Use where P and K need to be a little lower
 - Slower starting or more gentle starting organic fertilizer
 - N-Vita has a higher level of N than many certified organic fertilizers
- Long-lasting and continuous action (75 up to 100 days)
- 100% organic: nutrients are gradually released by the soil microbes + production of humus for better rooting and less leaching
- Important for food crops: All batches of N-Vita and each of its raw materials are officially certified as safe and are completely traceable, making it ideal for compliance with US FDA's Food Safety Modernization Act (FSMA).

Packaging

35 lb bags packed 60 bags/ pallet (2100 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

BioWorks® Technical Sheet

Formulation

Compound 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
- Phosphorous sources are easily taken up for better root development
- Faster starting action with extended nutrient release
- Low in odor and dust
- Easy to apply with all measuring devices and professional applicators

Instructions for Use

The exact rate of N-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

- Leafy vegetables - Base fertilization..... 10 - 31 lb/1,000 ft²
 Top dressing 10 - 20 lb/1,000 ft²
- Fruiting vegetables - Base fertilization 20 - 41 lb/1,000 ft²
 Top dressing 16 - 25 lb/1,000 ft²
- Asparagus..... 20 - 61 lb/1,000 ft²
- Herbs 10 - 31 lb/1,000 ft²

FRUIT AND SMALL FRUIT (strawberries, grapes, etc.)

- Base fertilization..... 20 – 41 lb/1,000 ft²
- Top dressing 16 – 31 lb/1,000 ft²

NURSERY CROPS

- Base fertilization..... 20 – 41 lb/1,000 ft²
- Top dressing 16 – 31 lb/1,000 ft²

ORNAMENTAL PLANTS

- Base fertilization..... 16 - 31 lb/1,000 ft²
- Top dressing 12 - 25 lb/1,000 ft²

POTTING MIXES

- Base fertilization 5 – 10 lb/yard³
 - Mix for seedlings, cuttings and soil blocks 1.75 – 5 lb/yard³
 - Herbs in pots..... 5 – 8 lb/yard³
 - Nursery containers..... 5 – 10 lb/yard³
 - Ornamental plants in pots..... 3.5 – 8.5 lb/yard³
- Top dressing (on the pot) 3.5 – 7.0 lb/yard³ or 7.5 – 16 g/gal
 - Nursery containers..... 3.5 – 8.5 lb/yard³ or 7.5 – 19 g/gal
 - Ornamental plants pot plant cultivation 3.5 – 6.5 lb/yard³ or 7.5 – 15 g/gal

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



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www.bioworksinc.com

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Manufactured by:
 DCM n.v.
 Bannerlaan 79
 2280 Grobbendonk
 Belgium
 Made in Belgium / Packaged in U.S.A.