



BioWorks[®]
DIVISION OF BIOFIRST GROUP

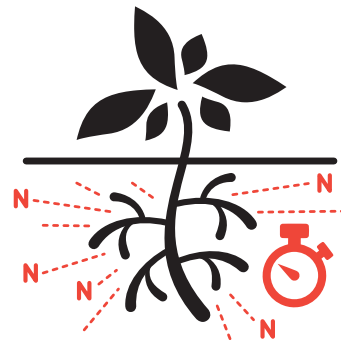


ABOVE AND BEYOND IS WHERE WE BEGIN



VERDANTA[®] N-VITA[®]

Verdanta N-Vita is a Nitrogen-based fertilizer derived from 100% organic sources. Rather than a mere blend of separate nutrient particles, N-Vita's organic formulation provides a uniform composition in each granule, allowing for precise nutrient availability to plants. Using patented Minigran[®] technology, Verdanta N-Vita's pellets contain the same consistent amount of N, P and K for nutrient availability up to 100 days. This allows for a more controlled release of nutrients, resulting in up to 60% more efficient distribution.



BY GRADUALLY RELEASING NUTRIENTS, PHOSPHOROUS SOURCES ARE MORE EASILY TAKEN UP FOR BETTER ROOT DEVELOPMENT, FASTER STARTS, UNIFORM PLANT GROWTH, AND ROBUST, BEAUTIFUL PLANTS.

ACTIVE INGREDIENT

Verdanta N-Vita contains 9-4-3 formulation of Nitrogen, Phosphate, and Soluble Potash derived from feather meal, hoof and horn meal, bone meal, fermented sugar beet and sugar cane molasses, soybean meal, and cocoa shell meal.

FEATURES AND BENEFITS

- + Compound organic fertilizer in micro-granular form that contains the same proportion of ingredients
- + Provides controlled nutrient release with higher level of Nitrogen than other certified organic fertilizers
- + Up to 60% more efficient distribution for uniform color and growth
- + Faster starting action with extended nutrient release for up to 100 days
- + Use as a base fertilizer in conventional or organic programs
- + Ideal for organic production and compliance with US FDA's Food Safety Modernization Act (FSMA)
- + 4x less leaching than traditional Nitrogen-based fertilizers
- + Little odor or dust makes it easy to apply with virtually any application equipment

WHERE TO USE

Field and greenhouse vegetables and fruit, nursery crops, ornamentals, potted mixes, and landscape beds. It is well suited for potting mixes, leafy vegetables, top dressing for fruiting vegetables, and all ornamentals.



VERDANTA N-VITA

PRODUCT INFORMATION

- + Available Sizes: 35 lb bags
 - + Registered for use in the USA, except CA
- Total Nitrogen (N)9.0%
 9.0% Water Insoluble Nitrogen*
- Available Phosphate (P2O5)4.0%
 Soluble Potash (K2O)3.0%

SHELF LIFE

- + Approximately 3 months at 60° F

APPLICATION RATES

VEGETABLES

Leafy vegetables

Base fertilization10 - 31 lb/1,000 ft²
 Top dressing 10 - 20 lb/1,000 ft²

Fruiting vegetables

Base fertilization20 - 41 lb/1,000 ft²
 Top dressing16 - 25 lb/1,000 ft²

Asparagus20 - 61 lb/1,000 ft²

Herbs10 - 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 fertilization16 - 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 pots5 - 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

GOING ABOVE AND BEYOND

At BioWorks, we not only help eradicate harmful diseases and pests that threaten your crops, but we design and support integrated plant health management programs. And because we know how quickly some diseases can work, we respond to any questions you might have in just four hours. So you can get back to the business of successful growing.



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