



WHAT DOES IT DO?

Recovers and maintains the productive capacity of soils.

HOW DOES IT WORK?

Biofit™N is a formulation that recovers biologically depleted soils and maintains the biological fertility in balanced grounds. It contains a great diversity of beneficial soil microorganisms which promote crop nutrition and development, improve the ground structure, and favor the health of the plants from the rhizosphere. Finally, the establishment, colonization, and biological activity of microbial diversity is maintained in the rhizosphere for long periods of time due to the stimulation of the release of exudates from the plant roots.

CHARACTERISTICS

PHYSICAL PROPERTIES			
pH: 4.0 – 5.0 at 68°F	Physical State: Solid-Powder	Color: Brown	
Density: 3.75 – 5.42 lb/gal at 68°F	Non-corrosive NFPA 1		
GENERAL PROPERTIES			
Storage: Keep closed in a well-ventilated and dry place.	Environmentalism: Non residual, low impact	Incompatibility: Do not mix with stronger oxidizers	Toxicity: Slightly toxic

INCOMPATIBILITY

Always perform an incompatibility test prior mixing.

DOSE

CROP	DOSE	APPLICATION
Vegetables (Peppers, tomatoes, green tomatoes, bell peppers, eggplant)	2 to 4 lb/ac	3 to 4 applications throughout vegetative development, blooming, fruit set, and fruit development.
Cucurbits (Watermelon, melon, zucchini, cucumber)	2 to 4 lb/ac	3 to 4 applications every two weeks starting at vegetative development and continuing during the harvesting periods.
Cabbage, broccoli, kale	2 to 4 lb/ac	3 applications every three weeks starting at vegetative development until the beginning of the rosette development.
Bulb Vegetables	2 to 4 lb/ac	1 to 2 applications distributed throughout vegetative development. Apply at the beginning of the bulb formation and again during the bulb growth.
Berries (Blackberry, Blueberry, Raspberry, Strawberry)	2 to 4 lb/ac	2 to 3 applications during the vegetative growth. Apply at the fruit set and once more during the fruit development.
Ornamentals	2 to 4 lb/ac	2 to 3 applications every 2 weeks up to 15 days before full Bloom.
Temperate fruit trees	2 to 4 lb/ac	2 to 3 applications every 2 to 3 weeks during the vegetative growth. 1 to 2 applications every two weeks between the fruit set period and véraison.
Grapes (table and wine)	2 to 4 lb/ac	2 applications every 3 weeks during the vegetative growth. Apply at fruit set.
Nut crops (Almond, walnut, pistachios)	2 to 4 lb/ac	2 to 3 applications every 2 to 3 weeks during the vegetative growth. 1 to 2 applications every two weeks between the petal fall and fruit full growth.
Tropical Fruit Trees	2 to 4 lb/ac	2 to 3 applications every two to three weeks during the vegetative development starting the shoots growth. 1 to 2 applications every 2 weeks between the fruit set period and véraison.

Can be Applied to plant propagation (Seeds, Grafting cuttings, & other plant parts). Rate: 1 Oz/ Gallon of water.

BENEFITS

- Enrichment the life of the ground.
- Improvement the root activity and development.
- Optimizes the nutritional state of crops.
- The use of **Biofit™N** for long periods of time contributes in the development of good ground structure.
- Ease of use and application.

USE

Biofit™N must be applied directly to the root zone. Dilute the product in water as indicated in the method for preparation and follow the instructions below. Carefully open the package with scissors. Once opened, weigh the appropriate amount of **Biofit™N** and pre-dissolve it in water at a concentration of 1 lb of **Biofit™N** per 1 - 1.5 gal of water. This solution can be added to the irrigation system according to the recommended dosage.

If **Biofit™N** can be injected into the irrigation system, the recommended concentration in the fertilizer tank is 0.502 lb of **Biofit™N** in 26.4 gal of water. This will ensure a uniform flow and application of the product in the irrigation system. If it is used fertilizer tank as a means of implementation, do not mix with chemical materials preferably.

Once the package is opened, use all the content and do not keep the remaining for a later use. Apply the solution that contains the product immediately or up to 24 hours after preparation. Do not store the solution for longer than 24 hours.

SPECIFICATIONS

ACTIVE INGREDIENT	
Beneficial Soil Microbe inoculum	20%
<i>Azotobacter chroococcum</i>	1 X 10 ⁵ CFU/g
<i>Bacillus subtilis</i>	1 X 10 ⁸ CFU/g
<i>Bacillus megaterium</i>	1 X 10 ⁷ CFU/g
<i>Bacillus mycoides</i>	1 X 10 ⁷ CFU/g
<i>Trichoderma harzianum</i>	1 X 10 ⁵ CFU/g
Total Other Inert Ingredients	80%