

Nitro Fix™

Nitro-Fix™ is a two-part beneficial bacteria package. First it aids in Crop Residue (stubble) break down. Next it helps fix nitrogen. Nitrogen fixation is considered to be the second most important bio-chemical reaction after Photosynthesis known to man. With large-scale chemical use along with synthetic fertilizer application, the natural bacterial life in farm soils has been reduced almost to the point of dead soil. Because of the important contributions made by beneficial bacteria to the fertility level of the soil, it has been stated that if their functions were to fail, life for higher plants and animals would cease.

NITRO-FIX™ is safe, non-toxic to animals and humans and requires no special precautions or equipment. Do not mix or store near toxic chemicals. Keep away from direct sunlight. Do not freeze. Spray tank must be free of all toxic chemicals before mixing.

Use Nitro Fix to replenish and infuse fresh bacteria into soils where they are lacking.

STORAGE

Keep container sealed tightly when not in use. Do not expose to sunlight for long periods of time. Store in temperatures between 5 C (41 F) and 15 C (59 F).

Once product is taken out of package do not store back in same container to avoid contamination.

CAUTIONS

Due the nature of containing dormant live bacteria, do not mix in chlorine water or mix with other chemical fertilizers in tank. Molasses will help intensify the bacteria activity when mixing. For every 2.5 gallons of Premix in 10 Fluid ounces molasses

DISCLAIMER

It is recommended not to use this product with fungicides or pesticides. However, if applied with a fungicide or pesticide, it is the user's responsibility to conduct a trial application on the crop(s) to be sprayed with this mix of chemicals to determine compatibility of products and compatibility with crop(s) sprayed. When mixing with other spray materials a jar compatibility test. Harmful if swallowed. Avoid contact with eyes, skin, and clothing. If on skin, wash with large amounts of soap and water. If in eyes, rinse repeatedly with clean water. If irritation persists, obtain medical attention.

**Ingestion: If patient is conscious, give large quantities of water. Do not induce vomiting. Call physician.*

"COMMERCIAL USE ONLY"

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GUARANTEED MINIMUM ANALYSIS

Total Bacteria Count	>750 million CFU per gram >340 billion CFU per lb
Yeast Cells	>420 billion CFU per lb
Cellulase	>3528 FPU per lb
Pectinase	>1092 APU per lb

Contains a total of the following bacteria strains: Bacillus megaterium, Bacillus subtilis, Bacillus licheniformis, Bacillus amyloliquefaciens, Bacillus pumilus, B. azotoformans, B. coagulans, B. thuringiensis, B. searothermophilis, Paenibacillus polymyxa, P. durum, P. florescenc, P. gordonae, A. chroococum, Saccharomyces cerevisiae, Pseudomonas aureofaceans and Pseudomonas fluorescens.

COMPATIBILITY

A jar compatibility test is recommended before mixing with any other product other than water in the tank to insure compatibility with foreign spray mixes and before mixing with other products other than water in the tank.

Not compatible with high concentrated Calcium carbon or low pH mixes.

APPLICATION

PRE MIX: Slowly add 1 lb Nitro Fix™ with 5 gallons chlorine free water mix very well until fully dissolved. Use 2.5 gallons of premixed mix in 10 Fluid ounces molasses to increase bacteria growth. Let sit covered 12 hours minimum. Tightly seal remaining Nitro Fix in original container after use. Bacteria in the 5 gallon Pre-mix may form on surface, if left uncovered, this is normal. 1.6 ounces dry powder in chlorine free water will cover 1000 sq ft.

PREMIXED SOLUTION APPLICATION RATES:

GRASS / LAWNS: Mix 64 fl oz NITRO-FIX Pre mix Solution to at least 2 Gallons of water for each 1000 sq. ft. (For hose end sprayer application Set dial on 2%, Spray 32 oz pre mix solution on every 500 sq. ft)

GARDEN / SOIL: Mix 32 oz NITRO-FIX Pre Mix Solution into 2.5 gallon of water and apply to each 1000 square feet. (For hose end sprayer application Set dial on 5%, spray 32 oz of Pre-mix solution evenly on every 1000 sq. ft)

COMPOST PILES: Mix 64 oz of solution into 5 gallons of Chlorine free water.

1. Pour using water spout directly over compost pile until entirely wet.

2. Every 3 days turn pile and repeat until large compost pieces are no longer identifiable or until sufficiently composted to your own preferences.

3. Using remaining water solution on garden or grass following the directions above.

STORAGE: If product will be stored for extended time period store in cool dark room.

WARRANTY

BUYER ASSUMES ALL RESPONSIBILITY FOR USE, STORAGE, HANDLING AND DISPOSAL OF THIS PRODUCT WHEN NOT IN ACCORDANCE WITH LABEL DIRECTIONS. UAS OF AMERICA, INC AND ITS DISTRIBUTOR'S LIMIT OF WARRANTY EXTENDS ONLY TO REPLACEMENT OF DEFECTIVE PRODUCT.