



Nutralyz™

12-0-0

With 26% Sulfur

A BIOPRO SOIL REMEDIATION

Benefits of Use:

- Reduces soil pH
- Reduces bicarbonate and sodium levels
- Helps improve micronutrient availability
- Excellent source of nitrogen and sulfur
- Reduces isolated dry spots caused by bicarbonate and sodium build-up
- Improves water and air penetration
- More even and deeper turf color

Problems Addressed:

- Bicarbonate and sodium toxicity
- Isolated dry spots
- Poor water penetration
- Poor fertilizer, particularly micronutrient performance

Nutralyz (12-0-0) is a premium grade, clear liquid ammonium thiosulfate, which provides an excellent source of both nitrogen and sulfur. As soil Microorganisms break down Neutralyz to release the nitrogen, the sulfur is converted into sulfuric acid. This release of sulfuric acid reduces the pH of alkaline soils. As pH is reduced, micronutrients become more available for plant uptake. Additionally, sulfuric acid will also break down bicarbonates and allow sodium to be flushed from the soil. Sulfur is widely recognized as an essential element for plant growth. It is a critical nutrient for the development of chlorophyll, helps nitrogen to be used more efficiently, and is required by the plants to synthesize certain vitamins and amino acids. It has also been documented to help reduce certain diseases in turf. When used with a proper NPK program, sulfur can help progress the decomposition of thatch, stimulate microbial activity, enhance turf color and density, increase drought tolerance and improve winter hardiness.



2.5 Gal. Jug (9.46 L)
Net Wt. 27.5 lbs. (12.5 kg)
Model No. 57060



30 Gal. Drum (113.6 L)
Net Wt. 330.0 lbs. (149.7 kg)
Model No. 57061



275 Gal. Tote (1,041 L)
Net Wt. 3,025.0 lbs. (1,372.1 kg)
Model No. 57062

BIOPRO®
TECHNOLOGIES

APPLICATION INSTRUCTIONS:

Nutralyz (12-0-0) may be applied through fertigation or conventional spray. It may be applied alone or tank mixed with other products.

Corrective Application: Apply 13 oz. diluted in 2 gallons of water per 1,000 sq. ft. (4.3 gallons diluted in 80 gallons of water per acre) once per week for 3 consecutive weeks. Promptly water this application into the soil. Repeat every two months as needed.

Preventative Application: Apply 13 oz. per 1,000 sq. ft. diluted in 2 gallons of water (4.3 gallons diluted in 80 gallons of water per acre) every 4 to 6 weeks. Promptly water this application into the soil.

Fertility: Nutralyz may also be used a part of a regular nitrogen fertility program. Refer to the table below to determine the volume of Nutralyz to apply to achieve the desired amount of nitrogen.

Desired lbs. of N	Fl. oz. per 1,000 sq. ft.*	Gallons per acre**
0.10	9.7	3.3
0.125	12.1	4.1
0.134	13.0	4.4
0.25	24.2	8.2

*Apply in 2 gal. of water per 1,000 sq. ft. **Apply in 80 gal. of water per acre.

COMPATIBILITY: Perform a standard "jar test" to check compatibility with other products before mixing.



WARNING

CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION.

PRECAUTIONARY STATEMENTS: Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand. Avoid breathing mist or spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Recommended PPE: Wear protective gloves, protective clothing, eye protection, face protection, and other personal protective equipment as required.

FIRST AID: IF SWALLOWED: Call a poison center and/or doctor if you feel unwell. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing eyes. Seek medical attention if eye irritation persists. **IF ON SKIN:** Rinse skin with water or shower.

STORAGE & DISPOSAL: Store between 40°-120°F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Dispose of contents/container in accordance with local/regional/national and international regulations.

Refer to product SDS for additional safety instructions.

DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN

Guaranteed Analysis:

Total Nitrogen (N) 12.00%
12.00% Ammoniacal Nitrogen
Sulfur (S) 26.00%
26.00% Combined Sulfur

Derived From:

Ammonium Thiosulfate

Physical Characteristics:

11.0 lbs./gal. (1.32 lbs. N/gal. and
2.86 lbs. S/gal.)

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.html>

Information about the components of this lot of fertilizer may be obtained by writing to BioPro Technologies, LLC, 4060 SE 45th Court, Ocala, FL 34480