



NITRO-22 + SULFUR

With 40% SMART NITROGEN & 4% SULFUR

- **ECONOMICAL NITROGEN FOR LAWN CARE**
- **READILY AVAILABLE SULFUR**

GUARANTEED ANALYSIS:

F106

Total Nitrogen (N)	22%
3.5% Ammoniacal Nitrogen	
10.5% Urea Nitrogen	
8.0% Slowly Available Water Soluble Nitrogen*	
Sulfur (S) Combined	4%
Derived From: Urea, Methylene Urea, Ammonium sulfate.	
*40% slowly available Nitrogen from Methylene Urea	
Weight per gallon	10.34 lbs.
Weight per Liter	1.24 Kg
1 gallon contains	2.2 lbs. N
1 liter contains	0.41 kg N
pH	7.5
Salt Index	6

PRODUCT DESCRIPTION:

Nitro-22+S combines the benefits of slow release nitrogen & reduced leaching with cost-effective economics of ammonium sulfate. It provides quick absorption by the plant resulting in greener turf. Apply from early spring, when soil temperatures are low, through fall. Nitro-22+S has a neutral to slightly basic (7.5-8) pH & is a clear liquid solution, containing 2.2 lbs. nitrogen in every gallon, with sulfur for enhanced greening. Nitrogen & sulfur are important components of proteins. Sulfur deficiency can affect the plant's ability to utilize nitrogen for protein synthesis.

When applied to soils, Nitro-22+S immediately decomposes to quickly give available sulfur (SO₄⁻²). This sulfur is immediately available for plant uptake, whereas elemental sulfur (S) must undergo oxidation for longer term release.

The advantage of Nitro-22+S is that the sulfur needed for plant growth becomes available over several weeks & will also help reduce the pH of soils that are too alkaline. Trials have indicated that with adequate amounts of nitrogen and sulfur, certain diseases are reduced on turf.

APPLICATION RECOMMENDATIONS:

Nitro-22+S is a cost effect nitrogen source for lawn care & fairways. Apply at a rate of 1/4 lb N per 1,000 sq. ft. every 2 weeks, giving quick greening.

Do not mix Nitro-22 with acids or other acidic materials below a pH of 5. Prior to any fertilizer or pesticide application, all spray mixing & application equipment must be cleaned. Carefully observe all cleaning directions on the pesticide & fertilizer label. Fill the sprayer or mix tank at least half full with water & begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

1. Dry flowables or water dispersible granules,
2. Wettable powders,
3. Flowables,
4. Emulsifiable concentrates,
5. Water based solutions,
6. Compatibility agents,
7. Micronutrients and

- **CORRECTS SOIL ALKALINITY**
- **BENEFITS OF SRN - THE SMART NITROGEN™**

Fertilizers, 8. Spray adjuvants.

Foliar Turf Applications	
Application	Rate
Fairways, Roughs, Sports Turf	Apply 1 – 2 gallons per acre (3 – 6 oz. per 1,000 sq. ft.) every 14 to 28 days during active growth period. Apply in a minimum of 65 - 86 gallons of water per acre (minimum of 1 1/2 - 2 gallons of water per 1,000 sq. ft).
Fertigation / Athletic Fields	Can be applied 5 gal per acre monthly during growth period.
Lawn Care	Apply 5 gallons per acre every 30 days

Nitro-22 Pounds of Nutrients per Liquid Ounce
Apply at desired Nitrogen/Sulfur Rate per 1,000 FT² (100 m²)

Nitro-22	Nitrogen	Sulfur
7.3 oz 215 ml	1/8 lb. N 0.06 Kg N	0.02 lb. S 9 grams S
15 oz 429 ml	1/4 lb. N 0.11 Kg N	0.03 lb. S 14 grams S
19 oz 566 ml	1/3 lb. N 0.15 Kg N	0.05 lb. S 23grams S
29 oz 858 ml	1/2 lb. N 0.23 Kg N	0.07 lb. S 32 grams S
38 oz 1.1 L	2/3 lb. N 0.3 Kg N	0.09 lb. S 41 grams S

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



WARNING

- H315 Causes Skin Irritation
- H319 Causes Serious Eye Irritation
- H335 May Cause Respiratory Irritation

Manufactured in the USA By:

