



# NITRO-30<sup>®</sup> SRN 30-0-0

*With 85% TIME-RELEASED METHYLENE NITROGEN*

- **The Smart Nitrogen™ Product**
- **No Ammonia Buildup**
- **Lowest Salt Index Of Any Nitrogen**

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) . . . . . 30%  
 4.5% Urea Nitrogen  
 25.5% Slowly Available Water Soluble Nitrogen\*  
 Derived From: Low Biuret Urea, Methylene Urea  
 \*85% slowly available Nitrogen from Methylene Urea  
 Weight per gallon . . . . . 10.38 lbs.  
 Weight per litre . . . . . 1.24 kg  
 pH . . . . . 10  
 Salt Index . . . . . 0-4  
 1 Ton (2,000 lbs.) = 192.7 gallons  
 1 gallon contains . . . . . 3.1 lbs.nitrogen  
 1 litre contains . . . . . 0.37 kg nitrogen  
 Potential acidity equivalent to 1071 lbs. Calcium Carbonate

**PRODUCT DESCRIPTION:**

Nitro-30 Time-Released Nitrogen (30-0-0) Liquid Fertilizer is a safe, reliable, Time-Released nitrogen solution ideal for horticultural applications. Nitro-30 SRN (30-0-0) provides a stable, highly concentrated liquid nitrogen source for spray applications. Nitro-30 is a reacted UF polymer (ureaform); a nitrogen/carbon chain material. Nitro-30 provides residual nitrogen release, low volatilization and reduced leaching. Nitro-30 is not phytotoxic to plant materials. Nitro-30 contains no suspended particles, NEEDS NO SPECIAL AGITATION, and can be used along with other technical products. Nitro-30 can be safely tank mixed with many acidic and alkaline materials.

Nitro-30 can be used to correct nitrogen deficiencies in any greenhouse or nursery crops. A foliar application will quickly correct nitrogen deficiencies via leaf tissue absorption. Because of Nitro-30's low phytotoxicity levels, the volume of irrigation water can be reduced during application to avoid over-saturation of the soil. For newly seeded plants, Nitro-30 can be applied once seeds have emerged. Nitro-30 contains methylene urea, which will encourage even growth between internodes, while avoiding fast, lanky growth. Nitro-30 will enhance contact herbicides and insecticides. It is ideal for fertigation systems since it will not clog or cause abrasion.

**APPLICATION RECOMMENDATIONS:**

Nitro-30 is an environmentally smart product. You can apply lower nitrogen rates than with granular products while achieving better results.

**GREENHOUSE & NURSERY:**

- **Less Leaching & Volatilization**
- **Will Not Settle In Stock Tank**

Nitro-30 is a high quality, concentrated slow release nitrogen solution. It has the lowest salt index of any nitrogen source at 0-4. It is ideal for both supplement feeding and constant feed of nursery stock for both foliar and root uptake. This clear liquid can be injected through fertigation, drip irrigation or overhead sprinkler systems.

**For Supplemental Feeding:** Use between applications of granular coated fertilizer to level off nutrients that are often not available or depleted because of adverse weather conditions. This will extend nutrient availability at the end of feeding cycle to avoid costly hand topdressing. Apply at the end of growing cycle prior to shipment, as a final feed to avoid labor, waste and spillage.

**For Constant Feed:** Use on all nursery stock, potted and containerized plants as both foliar or root feeding.

**TREES & ORNAMENTALS:**

The nitrogen release period for deep root injection extends 3 to 6 months depending on soil and climate conditions. There is no danger of phytotoxicity. No special agitation is required. For trees, apply 1 lb. nitrogen per 1,000 sq. ft. (under canopy). Inject 4"-8" below soil surface, into root zone, with correctly calibrated tree fertilizer injection equipment. For ornamentals, apply ¾ lb. nitrogen twice a year as a soil drench.

NURSERY APPLICATIONS		
Application	Rate	Notes
Containerized Crops, Woody Ornamentals, Flowering Ornamentals in Shadehouse or Greenhouse, Foliage, Field-Grown Nursery Stock And Trees	Foliar Spray: 1 gallon per 100 gal of water (1 L in 100 L water)	Thoroughly spray to point of run-off. Apply every 2-4 weeks.

TREE CARE DBH METHOD	
Lb. Nitrogen per Inch DBH	Nitro-30 per 100 Gal of Water
1/18	1.5 quarts
1/12	½ gallon
1/6	1 gallon
Apply 5 gallons of tank mix per inch diameter. *DBH - Diameter at Breast Height	

NITRO-30 (30-0-0)							
Fluid Ounces of Nitro-30 (30-0-0) per Gallon of Stock Tank Water							
PPM Nitrogen	25	50	75	100	150	200	300
1:500	4	9	13	17	26	35	52
1:300	3	5	8	10	16	21	31
1:200	2	3	5	7	10	14	21
1:100	1	2	3	3.5	5	7	10
1:50	.5	1	1	2	3	3.5	5
1:15 Ratio for Hozon Proportioner							
1:15	0.13	0.26	0.39	0.52	0.78	1	1.56

### CROP PROGRAMS

Plant Type:	Application Rate:
Plugs	Set injector at 100 PPM of Nitrogen. (25 ml per L water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)
Container or Field-Grown Trees, Oaks, Evergreen or Deciduous	Set injector at 150-200 PPM of Nitrogen. Apply monthly. (35 - 52 ml per 1 Litre water at 1:100 ratio)
	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)
Foliage and Ornamental Grasses	Foliar Spray 1 gallon per 100 gallons of water. Apply monthly. (1 L per 100 L water)

### STORAGE & HANDLING

When stored below 32° F for long periods of time, Nitro-30 will become cloudy or viscous. When placed in warmer temperatures or mixed with warm water Nitro-30 will regain its normal fluid state. Freezing does not affect the agronomic quality of this product.

**Bulk Storage:** Nitro-30 can be stored in polypropylene, fiberglass, stainless or mild steel tanks. Heat does not affect this product. Recommended storage temperature for Nitro-30 is 40° F and above. When stored outside for long periods of time in temperatures <32° F it is recommended to dilute the concentrate with water by 10-15% to assure fluidity. If temperatures are less than 10° F, store inside warehouse. Nitro-30 SRN does not require any special agitation. It is not corrosive to most metals with a slightly alkaline pH and can be used through any irrigation or spray equipment.

**Dilution:** Nitro-30 can be diluted by either adding the concentrate to water or the water to concentrate without any detrimental effects on the final mixed product. Appropriate quantities of water should be added prior to adding potassium and phosphates or pesticides, fungicides and herbicides.

**CAUTION:** Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

Check application charts for exact nitrogen rates.

**Mixing:** Nitro-30 SRN must first be diluted with water prior to mixing with other nutrients or pesticides. Do not mix concentrated technical materials together without first diluting with water. Care should be taken when blending Nitro-30 SRN with highly acidic materials such as phosphoric acid or ammonium sulfate. Neutralize these materials to a pH of 7 or above. Potassium phosphate, potassium chloride, potassium nitrate, urea and urea ammonium nitrate or phosphorus solutions may be readily blended with Nitro-30 SRN after dilution with water.

The following mixing procedures should be used after Nitro-30 (30-0-0) has been diluted with water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding next and apply all of the mixture that day. Nitro-30 can be mixed with copper based fungicides.

### CONDITION OF SALE AND WARRANTY:

Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured in the USA By:

