



20-3-3 QUICK RESPONSE

With 20% SLOW RELEASE NITROGEN

- **ECONOMICAL FOR LAWN CARE**
- **COMPATIBLE WITH TECHNICAL MATERIALS**

GUARANTEED ANALYSIS:

Total Nitrogen (N) 20%
 12.0% Urea Nitrogen
 4.0% Ammoniacal Nitrogen
 4.0% Slowly Available Water Soluble Nitrogen*

Available Phosphate (P₂O₅) 3%
 Soluble Potash (K₂O) 3%

Derived From: Urea, Methylene Urea, Diammonium Phosphate, Potassium Carbonate.

*20% slowly available Nitrogen from Methylene Urea
 Weight per gallon 9.57 lbs.
 Weight per litre 1.14 kg

PRODUCT DESCRIPTION:

Quick Response (20-3-3) 20% Slow Release Nitrogen is a general purpose turf fertilizer solution made from the highest quality N-P-K sources. Quick Response contains 20% slow release nitrogen (MDU - methylene urea) from Growth Products' exclusive source, Nitro-30 SRN. Both the phosphorus and potassium are soluble and non-chloride sources. This TRUE SOLUTION is ideal for year round application on all varieties of turf grasses and root injection for trees and ornamentals. Quick Response will not clog or cause abrasion to equipment and is compatible with fungicides, herbicides and insecticides and can be mixed and sprayed in one application to save time and labor. Since all Growth Products fertilizers are true solutions, no special agitation is needed.

APPLICATION RECOMMENDATIONS:

Turf Applications: Quick Response 20-3-3 can be applied from

Turf Applications: 20-3-3 Nitrogen Per Liquid Ounce (ml)		
20-3-3	Nitrogen Rate	Application Timing
8 oz 219 ml	1/8 lb. N 50 g	2 weeks release rate
17 oz 439 ml	1/4 lb. N 100 g	4 weeks release rate
22 oz 659 ml	1/3 lb. N 150 g N	6 weeks release rate
33 oz 879 ml	1/2 lb. N 200 g N	8 weeks release rate
50 oz 1.3 L	3/4 lb. N 300 g N	10 weeks release rate
Apply at desired Nitrogen Rate per 1,000 FT ² (100 m ²)		

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.

- **FAST GREEN UP**
- **CONTAINS SLOW RELEASE NITROGEN**

early spring throughout the growing season on warm, transitional and cool season grasses. Apply 1/4 lb. N to 1 lb. N per 1,000 sq. ft. Dilute with water according to desired nitrogen rate.

Tees & Greens: Apply on greens and tees at desired rate with a spray unit applying no less than one gallon per 1,000 sq. ft. apply every 10 to 14 days. When mixing with other products, be sure to check their dilution rates. Always use a jar test before mixing pesticides in your tank.

**Turf Applications
20-3-3 in 100 Gallons (400 L) of Tank Mix
Nitrogen Rate per 1,000 FT² (100 m²)**

If You Apply	1/8 lb N	1/4 lb. N	1/3 lb. N	1/2 lb. N
	(50 g N)	(100 g N)	(150 g N)	(200 g N)
5 gal per 1,000 FT ²	1.3 gal	2.6 gal	6 gal	5.2 gal
20 L per 100 m ²	4.3 L	8.8 L	13 L	17.5 L
4 gal per 1,000 FT ²	1.6 gal	3.3 gal	7.6 gal	6.5 gal
15 L per 100 m ²	5.7 L	11.4 L	17 L	22.8 L
3 gal per 1,000 FT ²	2.2 gal	4.4 gal	10 gal	8.7 gal
10 L per 100 m ²	8.7 L	17.5 L	26.3 L	35 L
2 gal per 1,000 FT ²	3.2 gal	6.5 gal	15 gal	13.1 gal
7.5 L per 100 m ²	11.6 L	23.2 L	35 L	46.5 L

STORAGE & HANDLING:

Storage: All Growth Products professional liquid fertilizers can be stored in normal warehouse areas and are not affected by freezing temperatures. Quick Response has a neutral pH and is not corrosive.

Dilution: Quick Response can be diluted by either adding the concentrate to water or the water to concentrate without any detrimental effects on the final mixed product.

Mixing: High quality buffers allow Quick Response to be blended with acidic or alkaline materials without detrimental effects. The following mixing procedures should be used after Quick Response 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 the next technical material. It is recommended to apply all of mixture in one day.

Manufactured By:

