



# TRIPLE TEN 10-10-10

## LIQUID FERTILIZER

*With 40% SLOW RELEASE NITROGEN*

- PROVIDES CONTINUOUS, STEADY FEEDING
- A PERFECTLY BALANCED SOLUTION

### GUARANTEED ANALYSIS:

Total Nitrogen (N) ..... 10%  
 5.5% Urea Nitrogen  
 0.5% Ammoniacal Nitrogen  
 4.0% Slowly Available Water Soluble Nitrogen\*

Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 10%  
 Soluble Potash (K<sub>2</sub>O) ..... 10%

**Derived From:** Urea, Methylene Urea, Potassium Carbonate, Monoammonium Phosphate, Phosphoric Acid.

\*40% slowly available Nitrogen from Methylene Urea

Weight per gallon ..... 10.75 lbs.  
 Weight per liter ..... 1.28 kg

pH ..... 9

1 gallon contains ..... 1.1 lbs. nitrogen

1 liter contains ..... 0.13 kg nitrogen

Potential acidity equivalent to 317 lbs. Calcium Carbonate per ton.

### PRODUCT DESCRIPTION:

Growth Products Triple Ten (10-10-10) with 40% Slow Release Nitrogen is a perfect balance of nitrogen, phosphorus and potassium. Triple Ten is made from only the highest quality technical and food grade sources. Growth Products Triple Ten product contains 40% Slow Release Nitrogen (MDU - methylene urea) exclusively from Nitro-30 SRN. This form of nitrogen provides a continuous, steady source of nitrogen that will eliminate dips in the feeding cycle. Both the phosphorus and potassium are soluble and readily available for immediate plant uptake. Triple Ten provides fast green up without producing surge growth and has excellent residual release. Since all Growth Products fertilizers are TRUE LIQUID SOLUTIONS they are ideal for spray applications for turf, as well as foliar feeding and root injection of trees and ornamentals. Triple Ten WILL NOT SETTLE OUT OF SOLUTION. It is non-clogging and non-abrasive to equipment with a near neutral pH. No special agitation is needed. Triple Ten is compatible with fungicides, herbicides and insecticides, and can be mixed and sprayed in one application.

### SUGGESTED USES:

Growth Products Triple Ten Liquid Fertilizer provides you with a safe, reliable and uniform release of nutrients for all special turf applications, including those for bentgrass or rye overseeding. Triple Ten is made specifically for use in fertigation systems. Triple Ten is ideally suited for root injection of trees and shrubs, or for foliar spray applications.

### APPLICATION RECOMMENDATIONS:

**General Turf Applications:** Growth Products Triple Ten can be applied throughout the growing season on warm, transitional and cool season grasses. Application can be started in early spring and

- LOW SALT INDEX
- IDEAL FOR ANNUALS AND PERENNIALS

continued through late fall at rates of 1/4 lb. N to 1 lb. N per 1,000 sq. ft. (114 g to 454 g / 100 m<sup>2</sup>). Dilute with water according to desired nitrogen rate per 1,000 sq. ft. (See chart)

Turf Programs		
Application	Rate / 1000 ft <sup>2</sup> (100 m <sup>2</sup> )	Notes
Cool & Warm Season Grasses	12 - 30 oz (350 - 890 ml)	Apply every 7 - 28 days
Newly Established Lawns/ Overseeding	30 oz (890 ml)	Apply just after seeding.
Lawn Care	30 - 36 oz	Apply every 4 - 6 weeks
Pastures	4 gal per acre (37 L / Ha)	Apply every 2 months.

### Turf Applications: 10-10-10 Nitrogen Per Liquid Ounce (ml) Apply at desired Nitrogen Rate per 1,000 FT<sup>2</sup> (100 m<sup>2</sup>)

10-10-10	Nitrogen Rate	Application Timing
12 oz 379 ml	1/10 lb. N 0.05 Kg N	Weekly release rate
15 oz 474 ml	1/8 lb. N 0.06 Kg N	2 weeks release rate
30 oz 948 ml	1/4 lb. N 0.12 Kg N	4 weeks release rate
36 oz 1.13 L	1/3 lb. N 0.14 Kg N	6 weeks release rate
60 oz 1.9 L	1/2 lb. N 0.24 Kg N	8 weeks release rate

### Turf Applications 10-10-10 in 100 Gallons (400 L) of Tank Mix Nitrogen Rate per 1,000 FT<sup>2</sup> (100 m<sup>2</sup>)

If You Apply	1/10 lb N	1/8 lb. N	1/4 lb. N	1/3 lb. N
	(.05 Kg N)	(.06 Kg N)	(.12 Kg N)	(.16 Kg N)
4 gal per 1,000 FT <sup>2</sup>	2.3 gal	2.9 gal	5.8 gal	7.7 gal
15 L per 100 m <sup>2</sup>	10.3 L	12.4 L	24.8 L	33 L
3 gal per 1,000 FT <sup>2</sup>	3 gal	4 gal	7.8 gal	10.2 gal
10 L per 100 m <sup>2</sup>	15.5 L	18.6 L	37.2 L	49.6 L
2 gal per 1,000 FT <sup>2</sup>	4.7 gal	5.8 gal	11.6 gal	15.3 gal
7.5 L per 100 m <sup>2</sup>	20.6 L	22 L	44 L	58.1 L
1 gal per 1,000 FT <sup>2</sup>	9.3 gal	11.6 gal	23.3 gal	30.7 gal
4 L per 100 m <sup>2</sup>	38.7 L	46.5 L	93 L	124 L

### TEES & GREENS:

Apply on greens and tees at desired rate (1/10 lb. N to 1/8 lb. N) with a spray unit applying no less than 1 1/2 gallon of mix per 1,000 sq. ft. Triple Ten is compatible with most technical turf products. When mixing with other products be sure to check their dilution rates. Apply every 7 to 21 days or apply along with a summer disease program.

### LANDSCAPED BEDS:

**Annuals, Perennials and Ornamentals:** Triple Ten provides an ideal 1:1:1 ratio for a broad variety of bedding plants. Apply Triple Ten in early spring, or at the time of planting, and repeat application every month. For small areas, mix 3 fluid oz. (6 table-spoons) in a gallon of water and drench soil around plants until runoff. For larger areas, use a reel sprayer at a rate of 1 qt (32 oz.) plus 11 gallons of water. Triple Ten can be applied using a hose-end sprayer, backpack sprayer, or watering can. Triple Ten does not contain chlorides or salts, which often cause leaf and root burn to delicate annuals.

### ROOT & GROUND APPLICATION RATES:

**Trees & Ornamentals:** Triple Ten is a true solution, does not need agitation, is non-abrasive, and can be used in IPM units. Inject no lower than 8" to 10" of soil where feeder roots extend. Start application of fertilizer approximately 2 1/2 ft. from tree trunk and

#### Application Rate at 75 Gallons per 1,000 FT<sup>2</sup>

Tank Size in Gallons	Quantity 10-10-10		
	1/2 lb N	1 lb N	2 lb N
75	58 oz	116 oz	1.75 gal
100	76 oz	1.1 gal	2.3 gal
150	116 oz	1.75 gal	3.5 gal
200	1.75 gal	3.5 gal	7 gal
300	2.75 gal	5.5 gal	11 gal
600	3.5 gal	7 gal	14 gal
1000	6 gal	12 gal	24 gal

For ground area method, measure below drip line of tree. Rates of 1/2-2 lbs of nitrogen are recommended. Evergreens usually require slightly higher nitrogen than deciduous trees

#### Tree Care DBH Method

Lb. Nitrogen per Inch DBH	10-10-10 per 100 Gal of Water
1/18	1 gallon
1/12	1.5 gallons
1/6	3 gallons

Apply 5 gallons of tank mix per inch diameter. Always measure diameter at 4 1/2 feet above ground level

extend two feet beyond drip line. A grid pattern should be laid out, and spacing should be every 2 1/2 ft. Inject approximately 1/2 gal. of fertilizer solution at each point. Use with correctly calibrated fertilizer injector equipment. A minimum of 5 gallons of tank mix should be applied per inch of tree diameter.

**Foliar Applications:** Triple Ten has a low salt index formulation and a neutral pH. It can be used as a foliar applied N-P-K source.

**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.

Mix 1 gallon Triple Ten in 100 gallons of water and spray to run off.

**DBH Method:** 1/18 lb. per inch will apply 1.1 lbs. of nitrogen to an average DBH of 20 inches, 1/6 lb. per inch will apply 3.3 lbs. of nitrogen to the same diameter tree.

#### Greenhouse & Outdoor Plant Care

Plant Type	Rate	Notes
Annuals, Perennials	3 oz. per 1 gal of water (90 ml / 4 L water)	1 gal of mix will treat 10 sq. ft. Drench soil area around planted area. Repeat every 30 days.
Herbs & Vegetables	1 oz. per 1 gal water (30 ml / 4 L water)	1 gal of mix will treat 10 sq ft.
Greenhouse Bench, Bed, Trays or Containerized Plants	3/4 oz / 1 gal of water (22 ml / 4 L water)	Drench until soil is saturated.

#### Greenhouse & Nursery Injection Ratio

1:100	100 PPM Nitrogen	Mix 10 oz in 1 gal water & set injector. (7.5 ml in 1 L water)
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#### Nursery / Landscape Applications

Application	Rate	Notes
Containerized Crops, Woody & Flowering Ornamentals, Foliage, Field-Grown Nursery Stock And Trees	Foliar Spray: 1 gal per 100 gal of water (250 ml in 100 L water)	Thoroughly spray to point of run-off. Apply every 2-4 weeks.
Hand Watering	1-2 oz per gal water	Saturate Soil - Apply Every 2-4 weeks

### STORAGE & HANDLING:

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

**Mixing:** Triple Ten must be diluted with water prior to mixing with other nutrients or pesticides. High quality buffers allow Triple Ten to be blended with acidic or alkaline materials without detrimental effects. The following mixing procedures should be used after Triple Ten 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. Always use a jar test before mixing pesticides in your tank.

Manufactured By:

