

Sprayable Turf Special

Sprayable Turf Special 34-3-7 is designed to be used in spray tanks equipped with constant agitation. It is a combination of soluble and suspendable slow release materials of such a fine particle size that only a minimum of agitation is required, however, constant mechanical agitation is recommended. A sparge line with strong jet action sufficient to keep the powder in suspension could be used. This formulation contains 11% slow release Nitrogen in a suspendable powder form that is derived from ureaform nitrogen, its slow release characteristics are predictable and dependable. Released by soil microorganisms, the nitrogen is available during plant growth cycles when organisms are also most active.

Directions for Use:

Annual nitrogen rate will vary from 4 to 10 pounds based on requirements of the different grasses and geographical area. Higher rates are usually needed for greens and tees. Check your turf supplier or the recommendations from your State Extension Service.

Custom Lawn Spraying:

Apply 2 to 2.5 pounds per 1,000 square feet in 5 to 10 gallons of water in each application.

Custom Ornamental Root Feeding:

Use 25 lbs. in 75 gallons of water. Inject 6 to 8 inches deep in a pattern 2-1/2 feet by 2-1/2 feet under tree canopy and apply 7-1/2 gallons of solution per 1,000 square feet in spring.

Guaranteed Analysis (For continuous liquid feeding)			
34-3-7 Sprayable Turf Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	34%	680	200 PPM as N
0.84% Ammoniacal Nitrogen			
17.39% Urea Nitrogen			
15.77% Methyleneurea			
Available Phosphate (P ₂ O ₅)	3%	60	18 PPM as P2O5
Soluble Potash (K ₂ O)	7%	140	41 PPM as K2O
Sulfur (S)	0.43%	8.6	2.53 PPM as S
Iron (Fe)	0.75%	15	4.41 PPM as Fe
0.75% Water Soluble Iron			
Derived from Ammonium Phosphate, Potassium Chloride, Urea, Ureaform and Iron Sulphate. Potential Acidity equal to 704.8 lbs. Calcium Carbonate per ton.			

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	1.96	2.94	3.92	5.88
1:100	3.92	5.88	7.84	11.76
1:150	5.98	8.97	11.96	17.94
1:200	7.84	11.76	15.68	23.52
1:300	11.76	17.64	23.52	35.28

Based on 1/2 gallon per square foot coverage.
Two Tablespoons equals One Ounce (approximately)
One Cup equals One Pound (approximately)

Conductivity of 34-3-7 using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	NA
100 PPM Nitrogen =	NA
150 PPM Nitrogen =	NA
200 PPM Nitrogen =	NA
300 PPM Nitrogen =	NA
400 PPM Nitrogen =	NA
500 PPM Nitrogen =	NA