Nutriculture®

28-8-18 PLUS

Bent Special

Bent Special 28-8-18PLUS is specially formulated for use on Golf Courses, Athletic fields, and other areas where turf is intensely cultivated. It is formulated to provide the proper ratio of both major and minor elements to maintain healthy turf in high traffic areas. It will provide immediate but gentle nourishment in a form of application that can overcome and bypass other nutrient complications due to soil problems, and because amounts applied are tuned to turfs immediate needs there is no runoff or other environmental problems. May be applied in solution by irrigation or any conventional ground rig, by a injector/proportioner through sprinkler systems, and may be applied in combination with most insecticides, herbicides and fungicides. Avoid applications during peak sunlight hours. Increase the amount of water used to dilute the fertilizer when soil moisture is low. Increase concentrations when soil moisture is high.

MIXING RATE FOR 200 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio- Premix 1.43 oz. per gallon (10.71 grams per litre).

TANK: 0.1 oz. per gallon (0.71 gram per litre).

PROPORTIONER: 1:100 ratio use 9.52 oz. per gal. of concentrate (71 grams per litre).

OTHER RATIOS: Multiply ratio times weight divided by 100.

OTHER PPM: Multi-

Guaranteed Analysis

(For continuous liquid feeding)

28-8-18+ Bent Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	28%	560	200 PPM as N
0.81% Ammoniacal Nitrogen			
4.56% Nitrate Nitrogen			
22.63% Urea Nitrogen			
Available Phosphate ($P_2 0_5$)	8%	160	57 PPM as P_2O_5
Soluble Potash (K_2O)	18%	360	129 PPM as K_2O
Magnesium (Mg)	0.05%	1.0	0.36 PPM as Mg
Sulfur (S)	0.07%	1.4	0.5 PPM as S
Boron (B)	0.02%	0.40	0.14 PPM as B
Copper (Cu)	0.05%	1.0	0.36 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.71 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.36 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.02	0.0071 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.36 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Phosphate, Potassium Phosphte, Potassium Nitrate, Magnesium Sulfate, Urea, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 704 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	2.38	3.57	4.76	7.14
1:100	4.76	7.14	9.52	14.28
1:150	7.14	10.71	14.28	19.04
1:200	9.52	14.28	19.04	28.56
1:300	14.28	21.42	28.56	42.84

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

Conductivity of 28-8-18

using distilled water mixed at: (allow +/- 10%)

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