

Lawn Marvel

Lawn Marvel 28-18-8^{PLUS} was formulated as an all-purpose feed for fairways and lawns. It contains high levels of ammoniacal nitrogen to provide a long-lasting sourced of nitrogen that is leach resistant and non-corrosive. It gives turf good color, denser growth and deeper penetrating root system - for improved disease resistance and a stepped up ability to heal injuries sustained in use. Because many of the nutrients supplied by Lawn Marvel are absorbed into the turf instantly, it is ideal for use on steep slopes, where run-off can make other feeds ineffectual.

**MIXING RATE FOR
200 PPM
NITROGEN**

HOSE END SPRAY-
ER: 1:15 ratio- Pre-
mix 1.43 oz. per gal-
lon (10.71 grams per
litre).

TANK: 0.1 oz. per gal-
lon (0.71 gram per
litre).

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

OTHER RATIOS:
Multiply ratio times
weight divided by
100.

OTHER PPM: Multi-
ply desired PPM
times weight divid-
ed by 200. Increase
or decrease PPMN
according to crop re-
sponse.

Guaranteed Analysis (For continuous liquid feeding)			
28-18-8+ Lawn Marvel	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	28%	560	200 PPM as N
4.33% Ammoniacal Nitrogen			
2.41% Nitrate Nitrogen			
21.26% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	18%	360	129 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	8%	160	57 PPM as K ₂ O
Magnesium (Mg)	0.05%	1.0	0.36 PPM as Mg
Sulphur (S)	1%	20	7.14 PPM as S
1% Combined Sulphur (S)			
Boron (B)	0.02%	0.40	0.143 PPM as B
Copper (Cu)	0.05%	1.0	0.357 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.714 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.357 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	0.357 PPM as
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Phosphate, Ammonium Sulphate, Potassium Nitrate, Magnesium Sulphate, Urea, Borax, Sodium Molybdate, and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 1062 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	21.42
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 28-18-8+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.11 Millimhos/CM
100 PPM Nitrogen =	.22 Millimhos/CM
150 PPM Nitrogen =	.33 Millimhos/CM
200 PPM Nitrogen =	.43 Millimhos/CM
300 PPM Nitrogen =	.66 Millimhos/CM
400 PPM Nitrogen =	.85 Millimhos/CM
500 PPM Nitrogen =	1.10 Millimhos/CM