SPOON-FEEDING™

Nutriculture®

Bedding Plant Cal-Mag Special 15-3-20 PLUS

With 3.75% Calcium & 1.12% Magnesium

- **Provides NPK, Ca, Mg, with minor elements**
- **Increased Iron in two chelated forms**

This high nitrate blend was designed specifically for bedding plants. The K to N ratio will promote short, compact, and toned plants. Some critical micro nutrient levels have been elevated to provide sufficient results with minimal nitrogen levels at hose end. This Bedding Plant Cal Mag Special 15-3-20PLUS contains calcium and magnesium with increased Iron in two different forms of chelation to increase its effectiveness through a broader pH range. The stepped-up amount of potash will also insure good healthy cell wall development which should get bedding plants off to a good start.
Caution: Some micro nutrient levels may be in excess at heavier feed rates.

Guaranteed Analysis (For continuous liquid feeding)

15-3-20+	**Percent**	**Lbs/Ton**	**Concentration**
Total Nitrogen (N)	15%	300	200 PPM as N
2.09% Ammoniacal Nitrogen			
12.91% Nitrate Nitrogen			
Available Phosphate (P_2O_5)	3.0%	60	37.5 PPM as P_2O_5
Soluble Potash (K_2O)	20%	400	250 PPM as K_2O
Calcium (Ca)	3.75%	75	47 PPM as Ca
Magnesium (Mg)	1.12%	22	14 PPM as Mg
1.12% Water Soluble Magnesium (Mg)			
Boron (B)	0.01%	0.2	0.13 PPM as B
Copper (Cu)	0.01%	0.2	0.13 PPM as Cu
0.01% Chelated Copper (Cu)			
Iron (Fe)	0.15%	3.0	1.88 PPM as Fe
0.15% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.63 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0079%	0.158	0.10 PPM as Mo
Zinc (Zn)	0.02%	0.42	0.27 PPM as Zn
0.02% Chelated Zinc (Zn)			

Derived from Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Borax, Sodium Molybdate and the EDTA form of Copper, Manganese and Zinc with Iron in a 75:25 ratio of EDTA to DTPA. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential basicity equivalent to 40 lbs. Calcium Carbonate per ton.

MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio- Premix 1.33 oz. in 1 gallon (10 grams per liter).
TANK: 0.09 oz. per gallon (0.67 grams per liter).
PROPORTIONER: 1:100 ratio use 8.89 oz. per gal. of concentrate (67 grams per liter).
OTHER RATIOS: Multiply ratio times weight divided by 100.
OTHER PPM: Multiply desired PPM times weight divided by 100. Increase or decrease PPMN according to crop response.

NITROGEN PARTS PER MILLION CHART

Parts per Million	50	100	150	200	300	400
Injector Ratios	Ounces required per gal of concentrate					
1:15	.67	1.33	2.00	2.67	4.00	5.33
1:50	2.23	4.45	6.67	8.89	13.34	17.78
1:100	4.45	8.89	13.34	17.78	26.67	35.56
1:200	8.90	17.78	26.68	35.56	53.34	*
1:300	13.35	26.67	40.02	53.34	*	*
EC (+ - 10%) mmhos/cm	.35	.70	1.05	1.40	2.10	2.80

*Maximum solubility approx. 3 lbs 8 ozs. per gallon

To Order Use Code:
25 lb Bag: 150320+B

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