



## Cyclamen Grow 12-7-19 PLUS

- **Three forms of Iron to work in wide pH range**
- **NPK with Calcium, Magnesium and a unique blend of minors**

This analysis is designed to push toned vegetative growth in the early stages of Cyclamen cultivation. The high potash will promote sturdy stems and the calcium will encourage expanded leaf surface. A unique blend of

secondary and minor elements including Iron which is provided with three forms of chelation, will enable a broad range of media pH which is conducive to proper potassium, calcium and magnesium uptake. This is a labor saving formula that eliminates separate injection of multiple chemicals. Calcium and magnesium are provided along with phosphorus in one mix that's totally soluble for a single injector feed that's easy and convenient.

### Guaranteed Analysis (For continuous liquid feeding)

12-7-19+	Percent	Lbs/Ton	Concentration at
Total Nitrogen (N)	12%	240	200 PPM as N
0.64% Ammoniacal Nitrogen			
11.36% Nitrate Nitrogen			
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	7%	140	116 PPM as P <sub>2</sub> O <sub>5</sub>
Soluble Potash (K <sub>2</sub> O)	19%	380	316 PPM as K <sub>2</sub> O
Calcium (Ca)	7.8%	157	131 PPM as Ca
Magnesium (Mg)	0.97%	19.5	16.3 PPM as Mg
Boron (B)	0.03%	0.6	0.51 PPM as B
Iron (Fe)	0.11%	2.2	2.05 PPM as Fe
0.11% Chelated Iron (Fe)			
Manganese (Mn)	0.016%	.32	.02 PPM as MN
0.016% Water Soluble Manganese (Mn)			
Zinc (Zn)	0.009%	.018	.15 PPM as Zn
0.009% Water Soluble Zinc (Zn)			

Derived from Ammonium Nitrate, Potassium Phosphate, Potassium Nitrate, Calcium Nitrate, Magnesium Nitrate, Boron, Iron EDTA, EDDHA and DTPA, Manganese Sulfate and Zinc Sulfate. Potential basicity equivalent to 280 lbs. Calcium Carbonate per ton.

### MIXING RATE FOR 200 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio - Premix 3.34 oz. per gallon (27 grams per liter).

TANK: 0.22 oz. per gallon (1.82 grams per liter).

PROPORTIONER:

1:100 ratio - use 22.22 oz. per gal. of concentrate (166 grams per liter).

OTHER RATIOS:

Multiply ratio times weight divided by 100.

OTHER PPM:

Multiply desired PPM times weight divided by 200. Increase or decrease PPM 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	.83	1.67	2.5	3.33	5.0	6.66
1:50	2.78	5.55	8.33	11.11	16.66	22.21
1:100	5.55	11.11	16.66	22.21	33.32	44.43
1:200	11.11	22.21	33.32	44.43	*	*
1:300	16.66	33.32	49.98	*	*	*

EC (+ - 10%) mmhos/cm

\*Maximum solubility approx. 60 oz. per gallon

To Order Use Code:

25 lb Bag: 120719+