

# Potted Plant Special

Potted Plant Special 18-3-18<sup>PLUS</sup> contains Calcium and a very high ratio of nitrogen in nitrate form and is ideal for potted plants or other crops with high calcium requirements and as a general purpose feed for Geraniums and plants that are grown in low light situations. Its slight basicity makes it an excellent choice for irrigation water with a low alkalinity and where it is difficult to keep media pH values from decreasing.

**MIXING RATE FOR 200 PPM NITROGEN HOSE END SPRAYER:**  
1:15 ratio- Premix 2.40 oz. per gallon.  
**PROPORTIONER:**  
1:100 ratio use 15.90 oz. per gal. of concentrate.  
**OTHER RATIOS:** Multiply ratio times weight divided by 100.  
**OTHER PPM:** Multiply desired PPM times weight divided by 200. Increase or decrease PPMN according to crop response.

<b>Guaranteed Analysis</b> (For continuous liquid feeding)			
<b>18-3-18+ Potted Plant Special</b>	<b>Percent</b>	<b>Lbs/Ton</b>	<b>Concentration at 200 PPM</b>
Total Nitrogen (N) .....	18%	360	200 PPM as N
4.24% Ammoniacal Nitrogen			
13.76% Nitrate Nitrogen			
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	3%	60	33 PPM as P <sub>2</sub> O <sub>5</sub>
Soluble Potash (K <sub>2</sub> O) .....	18%	360	200 PPM as K <sub>2</sub> O
Calcium (Ca) .....	6.65%	133	74 PPM as Ca
Magnesium (Mg) .....	0.18%	3.60	2.00 PPM as Mg
Boron (B) .....	0.02%	0.40	0.22 PPM as B
Copper (Cu) .....	0.02%	0.40	0.22 PPM as Cu
0.02% Chelated Copper (Cu)			
Iron (Fe) .....	0.10%	2.0	1.11 PPM as Fe
0.1% Chelated Iron (Fe)			
Manganese (Mn) .....	0.03%	0.60	0.33 PPM as Mn
0.025% Chelated Manganese (Mn)			
Molybdenum (Mo) .....	0.005%	0.10	0.056 PPM as Mo
Zinc (Zn) .....	0.015%	0.30	0.167 PPM as Zn
0.015% Chelated Zinc (Zn)			
Derived from Ammonium Nitrate, Potassium Nitrate, Calcium Nitrate, Ammonium Phosphate, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential basicity is equal to 51 lbs. Calcium Carbonate per ton.			

<b>Nitrogen Parts Per Million Chart</b>				
<b>Injector Ratio</b>	<b>Ounces required per Gallon of concentrate</b>			
	<b>100 PPM</b>	<b>150 PPM</b>	<b>200 PPM</b>	<b>300 PPM</b>
<b>1:50</b>	3.70	5.55	7.40	11.10
<b>1:100</b>	7.40	11.10	14.80	22.20
<b>1:150</b>	11.10	16.65	22.20	33.30
<b>1:200</b>	14.81	22.21	29.62	44.43
<b>1:300</b>	22.21	33.32	44.42	66.63

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

<b>Conductivity of 18-3-18+</b> <i>using distilled water mixed at: (allow +/- 10%)</i>	
50 PPM Nitrogen =	.34 Millimhos/CM
100 PPM Nitrogen =	.68 Millimhos/CM
150 PPM Nitrogen =	1.01 Millimhos/CM
200 PPM Nitrogen =	1.37 Millimhos/CM
300 PPM Nitrogen =	2.04 Millimhos/CM
400 PPM Nitrogen =	2.70 Millimhos/CM
500 PPM Nitrogen =	3.40 Millimhos/CM