



Geranium & Bedding Plant Special 17-17-17 PLUS

- **One half N is Nitrate**
- **Neutral pH**

Geranium and Bedding Plant Special 17-17-17^{PLUS} was developed to provide an almost neutral pH effect on the soil media and to deliver higher rates of nitrate nitrogen than provided for in our standard 20-20-20. Approximately 50% of the

nitrogen contained in this formula is nitrate nitrogen. Approximately 75% of nitrogen in the 20-20-20 formula is ammoniacal nitrogen. Because of this, this formula will provide better control of nitrogen during low light periods, such as the dark winter months in the north.

This is an excellent feed for geraniums and is widely used in pink hydrangeas and Easter lilies or anywhere that low pH is a problem.

MIXING RATE FOR 100 PPM NITROGEN

HOSE END SPRAYER: 1:15 ratio- Premix 1.18 oz. per gallon (8.82 grams per liter).

TANK: 0.08 oz. per gallon (0.59 grams per liter).

PROPORTIONER: 1:100 ratio use 7.84 oz. per gal. of concentrate (59 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.

Guaranteed Analysis (For continuous liquid feeding)			
17-17-17+	PercentLbs/Ton Concentration at		
Total Nitrogen (N)	17%	340	200 PPM as N
3.38% Ammoniacal Nitrogen			
8.02% Nitrate Nitrogen			
5.60% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	17%	340	200 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	17%	340	200 PPM as K ₂ O
Magnesium (Mg)	0.12%	2.4	1.4 PPM as Mg
Sulfur (S)	0.16%	3.2	1.88 PPM as S
0.16% Combined Sulfur (S)			
Boron (B)	0.02%	0.4	0.24 PPM as B
Copper (Cu)	0.05%	1.0	0.59 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	1.18 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.59 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0075%	0.15	0.088 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.59 PPM as Zn
0.05% Chelated Zinc (Zn)			

Derived from Ammonium Phosphate, Sodium Nitrate, Potassium Nitrate, Urea, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. CAUTION: This fertilizer is to be used on soils which responds to molybdenum. Crops high in molybdenum are toxic to grazing animals. Potential acidity equivalent to 239 lbs. Calcium Carbonate per ton.

NITROGEN PARTS PER MILLION

Injector Ratio	Ounces per gallon of water for concentrate.			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	3.92	5.88	7.84	11.76
1:100	7.84	11.76	15.68	23.52
1:150	11.76	17.64	23.52	35.28
1:200	15.68	23.52	31.36	47.04
1:300	23.52	35.28	47.04	*

Conductivity .80 1.01 1.07 1.61

(+ - 10%) mmhos/cm

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

Available in standard 25 lb bag and 5 lb bags packed 6 per case.

To Order Use Code:

25 lb Bag: 171717+

Case 6-5lb bgs. PM5171717

