

No Phosphate Special

No Phosphate Special 25-0-25^{PLUS} was designed to overcome excess phosphate conditions. Phosphorous is an element which moves very little in soils or soil mixes and sometimes through excessive fertilization with high phosphorous materials or with improper maintenance of soil pH, an excess can occur. This in turn can create problems in other areas, such as the availability of other trace elements, particularly zinc. Aluminum can also be tied up by phosphates, which would hamper the production of good quality pink hydrangeas.

25-0-25 has been formulated to provide most of the generally accepted trace and minor elements plus N and K. It is therefore well suited as the primary feed in soil mixes that have proven to contain high levels of phosphorous. As crops deplete the levels of phosphorous in the soil mix, growers will usually switch to a NPK formulation that will provide phosphorous at more normal levels.

**MIXING RATE FOR
200 PPM NITROGEN**

HOSE END

SPRAYER: 1:15 ratio-
Premix 1.6 oz. per
gallon (12 grams per
litre).

TANK: 0.11 oz. per
gallon (0.8 gram per
litre).

PROPORTIONER:
1:100 ratio use 10.66
oz. per gal. of concen-
trate (80 grams per
litre).

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
response.

Guaranteed Analysis

(For continuous liquid feeding)

25-0-25+ No Phosphate Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	25%	500	200 PPM as N
1.01% Ammoniacal Nitrogen			
7.58% Nitrate Nitrogen			
16.32% Urea Nitrogen			
Soluble Potash (K ₂ O)	25%	500	200 PPM as K ₂ O
Magnesium (Mg)	0.05%	1.0	0.4 PPM as Mg
Sulfur (S)	1.40%	28	11.2 PPM as S
1.40% Combined Sulphur (S)			
Boron (B)	0.02%	0.4	0.16 PPM as B
Copper (Cu)	0.05%	1.0	0.4 PPM as Cu
0.05% Water Soluble Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.8 PPM as Fe
0.10% Chelated Iron (Fe)			
Manganese (Mn)	0.05%	1.0	0.4 PPM as Mn
0.05% Water Soluble Manganese (Mn)			
Molybdenum (Mo)	0.0009%	0.018	0.0072 PPM as Mo
Zinc (Zn)	0.05%	1.0	0.4 PPM as Zn
0.05% Water Soluble Zinc (Zn)			

Derived from Ammonium Sulfate, Potassium Nitrate, Magnesium Sulfate, Urea, Borax, Sodium Molybdate, Copper Sulfate, Iron EDTA, Manganese Sulfate and Zinc Sulfate.. Potential acidity equivalent to 427 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	2.67	4.00	5.34	8.01
1:100	5.34	8.01	10.68	16.02
1:150	8.01	12.01	16.02	24.03
1:200	10.66	15.99	21.32	31.98
1:300	16.02	24.03	32.04	48.06

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

Conductivity of 25-0-25+

using distilled water mixed at:
(allow +/- 10%)

50 PPM Nitrogen =	.15 Millimhos/CM
100 PPM Nitrogen =	.30 Millimhos/CM
150 PPM Nitrogen =	.45 Millimhos/CM
200 PPM Nitrogen =	.61 Millimhos/CM
300 PPM Nitrogen =	.92 Millimhos/CM
400 PPM Nitrogen =	1.22 Millimhos/CM
500 PPM Nitrogen =	1.52 Millimhos/CM