

Peters Professional[®] 9-45-15 Plant Starter

Water Soluble Fertilizer

GUARANTEED ANALYSIS

F 1143

(For Continuous Liquid Feed Programs)

Total nitrogen (N)	9%
9.0% ammoniacal nitrogen	
Available phosphate (P ₂ O ₅)	45%
Soluble potash (K ₂ O)	15%
Magnesium (Mg) (Total)	0.10%
0.10% Water Soluble Magnesium (Mg)	
Boron (B)	0.0068%
Copper (Cu)	0.0036%
0.0036% Chelated Copper (Cu)	
Iron (Fe)	0.05%
0.05% Chelated Iron (Fe)	
Manganese (Mn)	0.025%
0.025% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0009%
Zinc (Zn)	0.0025%
0.0025% Chelated Zinc (Zn)	

Derived from: ammonium phosphate, potassium chloride, magnesium sulfate, boric acid, copper EDTA, manganese EDTA, iron DTPA, ammonium molybdate, zinc EDTA.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-sc.com>.

Potential acidity: 970 lbs. calcium carbonate equivalent per ton.

Chloride, not more than11.6%

- Peters 9-45-15 contains a high level of phosphorus which is important for proper root development, especially when transplants are set in the field. Phosphorus has been known to be “fixed” and unavailable, and Peters 9-45-15 applications correct this problem in soils.
- While it may be applied just prior to transplant, normally 9-45-15 is applied at the time of transplant. One 200 ppm nitrogen application supplies 436 ppm phosphorus.

Ounces of Peters Professional 9-45-15 Per Gallon of Concentrate						
Concentration (ppm)	Injector Ratios*					E.C.** mmhos/cm
	1:15	1:100	1:128	1:200	1:300	
N						
25	0.6	3.75	4.80	7.50	11.25	0.25
50	1.1	7.50	9.60	15.00	22.50	0.51
75	1.7	11.25	14.40	22.50	33.75	0.79
100	2.3	15.00	19.20	30.00	45.00	1.06
150	3.4	22.50	28.80	45.00	***	1.59
200	4.5	30.00	38.40	***	***	2.15
300	6.8	45.00	***	***	***	3.12
400	9.0	***	***	***	***	4.07

* Use the oz./gal. to obtain suggested or desired ppm N, Ca or Mg. To customize, values are additive. For example, if 275 ppm N is desired, using a 1:100 injector, add 15 oz. (200 ppm N) and 11.25 oz. (75 ppm) to yield 26.25 oz./gal. concentrate. To convert oz./gal. to grams/litre, multiply by 7.5.

** E.C. measurements do not include E.C. of plain water. For more information contact your Scotts representative or Scotts Testing Laboratory at 1-877-HORT-LAB. E.C. calculations are based upon a 100ppm nitrogen solution with a water alkalinity of less than 100 ppm CaCO₃ (100 mg CaCO₃/L).

*** Limit of solubility 3 lb. 4oz./gal (52 oz./gal.)

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NET WT. 25 lb (11.34 kg)

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