20-20-20 General Purpose

PRODUCT FEATURES

- One of the most versatile products in the Peters® line
- Used successfully in the Southeast for soilless mix culture
- Potential acidity counteracts moderate water alkalinity

STOCK NO. 91010

- With soilless mixes, avoid using during extended cool, cloudy weather in late fall to early spring in northern climates
- May be employed as a foliar spray
- Maximum solubility 3 lb. 8 oz./gal.

GUARANTEED ANALYSIS

For Continuous Liquid Feed Programs

Total Nitrogen (N)	20%
3.89% Ammoniacal Nitrogen	
6.11% Nitrate Nitrogen	
10.00% Urea Nitrogen	
Available Phosphate (P_2O_5)	20%
Soluble Potash (K_2O)	20%
Magnesium (Mg) (Total)	0.05%
0.05% 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 Nitrate, Urea, Magnesium Sulfate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate, Zinc EDTA.

Potential Acidity: 558 lb. Calcium Carbonate equivalent per ton.

Distributed By:

The Scotts Company
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H4067 Revised 12/98

PETERS PROFESSIONAL®

PROFESSIONAL HORTICULTURE

Water Soluble Fertilizers

Peters Professional® 20-20-20 General Purpose
Water Soluble Fertilizer
(Suggestions for Commercial Growers)

100 ppm N Solution Contains the Following Elemental ppm		
Ammonium-N	(NH_4 – N)	19.5
Nitrate-N	(NO_3 – N)	30.50
Urea-N	(Urea-N)	50.0
Phosphorus	(P)	43.7
Potassium	(K)	83.3
Calcium	(Ca)	0
Magnesium	(Mg)	0.25
Boron	(B)	0.034
Copper	(Cu)	0.018
Iron	(Fe)	0.250
Manganese	(Mn)	0.125
Molybdenum	(Mo)	0.005
Zinc	(Zn)	0.0125

Crop Type	Continuous Feeding ppm N (Constant Liquid Feeding)	Periodic Feeding ppm N (Pulse Feeding)
Bedding Plants	100–150	200–250
Containerized Woody Plants	50–100	200–350
Cut Flowers	175–225	300–450
Potted Chrysanthemums	250–300	350–400
Potted Easter Lilies	250–300	350–400
Potted Tropical Foliage	150–200	250–300
Potted Geraniums	250–300	350–400
Potted Poinsettias	200–300	375–400
Plugs (All Types)	50–125	175–225

Ounces of Peters Professional 20-20-20 Per Gallon of Concentrate

ppm	Injector Ratios				E.C.
Nitrogen	1:15	1:100	1:128	1:200	mmhos/cm
50	0.50	3.38	4.32	6.75	0.20
100	1.00	6.75	8.64	13.50	0.40
150	1.50	10.13	12.96	20.25	0.60
200	2.00	13.50	17.28	27.00	0.80
250	2.50	16.88	21.60	33.75	1.00
300	3.00	20.25	25.92	40.50	1.20
350	3.50	23.63	30.24	47.25	1.40
400	4.00	27.00	34.56	54.00	1.60

Approximate Gallons Required to Dissolve One 25 lb. Bag of 20-20-20

ppm N	1:100	1:200
50	118	59
100	59	29.5
150	39.5	20
200	29.5	15
250	24	12
300	20	10
350	17	8.5

*Maximum Solubility 3 lb. 8 oz./gal.

SUGGESTIONS FOR USE

The chemical composition of the irrigation water applied to crops has a major influence on the nutrients available to plants in the long term. Before selecting and/or designing a fertilizer program, first test the irrigation water to better understand pH and alkalinity.

Continuous feeding is recommended over periodic or pulse feeding as this practice provides a more uniform and optimal feed program.

Use a reputable laboratory such as the Scotts Testing Laboratory for more reliable media, solution and tissue test results.