10-30-20 Blossom Booster

PRODUCT FEATURES

- Elevated phosphorus levels enhances flower color and petal size
- 1:3:2 ratio of N-P-K accelerates flowering through strong bud development
- Over 50% nitrate nitrogen

STOCK NO. 91160 / 63 / 68

- Useful tool to quickly increase available phosphorus
- High P formula can be used to promote rooting at planting
- Maximum solubility 3 lb. 4 oz./gal.

GUARANTEED ANALYSIS

For Continuous Liquid Feed Programs

Total Nitrogen (N)	10%
4.90% ammoniacal nitrogen	
5.10% nitrate nitrogen	
Available phosphate (P_2O_5)	30%
Soluble potash (K_2O)	20%
Magnesium (Mg) (Total)	1.2%
1.2% 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, potassium phosphate, magnesium sulfate, boric acid, copper EDTA, iron EDTA, manganese EDTA, ammonium molybdate, zinc EDTA.

Potential Acidity: 355 lbs. calcium carbonate equivalent per ton.

Distributed By:

Scotts

The Scotts Company
14111 Scottslawn Road • Marysville, Ohio 43041
1-800-492-8255

H4037 Revised 121004

Peters Professional® 10-30-20 Blossom Booster

Water Soluble Fertilizer

(Suggestions for Commercial Growers)

100 ppm N Solution Contains the Following Elemental ppm		
Ammonium-N	(NH_4 – N)	49
Nitrate-N	(NO_3 – N)	51
Urea-N	(Urea-N)	0.0
Phosphorus	(P)	130.43
Potassium	(K)	166.7
Calcium	(Ca)	0.0
Magnesium	(Mg)	12.0
Boron	(B)	0.068
Copper	(Cu)	0.036
Iron	(Fe)	0.500
Manganese	(Mn)	0.250
Molybdenum	(Mo)	0.009
Zinc	(Zn)	0.025

Crop Type	Continuous Feeding ppm N (Constant Liquid Feeding)	Periodic Feeding ppm N (Pulse Feeding)
Bedding Plants	50–150	150–250
Containerized Woody Plants	50–100	200–350
Cut Flowers	175–225	300–450
Potted Chrysanthemums	200–300	350–400
Potted Easter Lilies	200–300	350–400
Potted Tropical Foliage	150–200	250–300
Potted Geraniums	250–300	350–400
Potted Poinsettias	200–300	350–400
Plugs (All Types)	50–125	175–225
Landscape/Outdoors	200–300	400–600

Ounces of Peters Professional 10-30-20 Per Gallon of Concentrate

Concentration (ppm)		Injector Ratios*					Electrical Conductivity (E.C.)**
N	P	1:15	1:100	1:128	1:200	1:300	mmhos/cm
25	32	0.5	3.38	4.32	6.75	10.13	0.24
50	65.2	1.0	6.75	8.64	13.50	20.25	0.48
75	97.8	1.5	10.13	12.96	20.25	30.38	0.72
100	130.4	2.0	13.50	17.28	27.00	40.50	0.96
150	195.7	3.0	20.25	25.92	40.50	***	1.44
200	260.9	4.0	27.00	34.56	***	***	1.92
300	391.3	6.0	40.50	51.84	***	***	2.88
400	521.7	8.0	***	***	***	***	3.84

Approximate Gallons Required to Dissolve One 25 lb. Bag of 10-30-20

Concentration (ppm)	Injector Ratios	
N	1:100	1:200
25	119	60
50	60	30
75	40	20
100	30	15
150	20	***
200	15	***
300	10	***
400	***	***

* Use the oz./gal. to obtain suggested or desired ppm N. To customize, values are additive. For example, if 275 ppm N is desired, using a 1:100 injector, add 27 oz. (200 ppm N) and 10.13 oz. (75 ppm N) to yield 37.13 oz./gal. concentrate. To convert oz./gal. to grams/liters, multiply by 7.5.

** E.C. measurements do not include E.C. of plain water. E.C. calculations are based upon a 100 ppm nitrogen solution with reverse osmosis water.

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

Small Volume Rate: 1 level tsp/gal = 138.6 ppm N
100 gal. tank - no injector: 1lb./100 gal. = 118.5 ppm N.

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.

Over time, high P_2O_5 fertilizers should be used in combination or rotation with other fertilizers to avoid overloading the soil with phosphorus which may cause decreased availability of some minor elements.

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

In concentrated solution, do not mix with Calcium containing fertilizers as a precipitate will form.

Use the Scotts Testing Laboratory for more reliable media, solution and tissue test results. Call 1-877-HORT LAB for technical assistance.

Contact your Scotts representative or Scotts Customer Service at 1-800-492-8225 for more information.