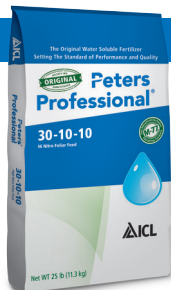


Peters Professional®



30-10-10

HI NITRO FOLIAR FEED

SKU# E99710, G99710

Ideal for in-ground field use, this classic formula provides extra Nitrogen for bedding plants, containerized woody plants, flowering pot crops, potted foliage and landscape applications, plus plugs of all types.

- General-purpose fertilizer contains high Nitrogen ratio plus ICL Specialty Fertilizer's exclusive M-77® micronutrient system
- Acidifying action can help combat excessively high soil pH
- Can be used as a foliar feed

GUARANTEED ANALYSIS 30-10-10

Total Nitrogen (N)	30%
2.1% Ammoniacal Nitrogen	
3.1% Nitrate Nitrogen	
24.8% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	10%
Soluble Potash (K ₂ O)	10%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe)	0.1%
0.1% Chelated Iron (Fe)	
Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from: Potassium Nitrate, Urea, Ammonium Phosphate, Boric Acid, Copper EDTA, Iron EDTA, Manganese EDTA, Ammonium Molybdate, Zinc EDTA

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	1	300
1 tbsp	2	451
1 cup	25	577
2 cups	50	577
3 cups	75	577
4 cups	100	577

*level measurements

1 pound of fertilizer + 100 gallons of water = 359.5 ppm N

PRODUCT PROPERTIES	
Potential Acidity	1043 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.18 mmhos/cm
Maximum Solubility	4.25 lbs/gal

Target Fertilizer Concentration (N/ppm) After Dilution	Common Injector Ratios					EC (mmhos/cm) of Target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300	
25	0.2	1.1	1.4	2.3	3.4	0.05
50	0.3	2.3	2.9	4.5	6.8	0.09
75	0.5	3.4	4.3	6.8	10.1	0.14
100	0.7	4.5	5.8	9.0	13.5	0.18
125	0.8	5.6	7.2	11.3	16.9	0.23
150	1.0	6.8	8.6	13.5	20.3	0.27
175	1.2	7.9	10.1	15.8	23.6	0.32
200	1.4	9.0	11.5	18.0	27.0	0.36
250	1.7	11.3	14.4	22.5	33.8	0.45
300	2.0	13.5	17.3	27.0	40.5	0.54
350	2.4	15.8	20.2	31.5	47.3	0.63
400	2.7	18.0	23.0	36.0	54.0	0.72
450	3.0	20.3	25.9	40.5	60.8	0.81
500	3.4	22.5	28.8	45.0	67.5	0.90
600	4.1	27.0	34.6	54.0	***	1.08

***Exceeds maximum solubility

Target Fertilizer Concentration (N/ppm) After Dilution	Injector Ratios					EC (mmhos/cm) of Target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300	
25	2370.4	355.6	277.8	177.8	118.5	0.05
50	1185.2	177.8	138.9	88.9	59.3	0.09
75	790.1	118.5	92.6	59.3	39.5	0.14
100	592.6	88.9	69.4	44.4	29.6	0.18
125	474.1	71.1	55.6	35.6	23.7	0.23
150	395.1	59.3	46.3	29.6	19.8	0.27
175	338.6	50.8	39.7	25.4	16.9	0.32
200	296.3	44.4	34.7	22.2	14.8	0.36
250	237.0	35.6	27.8	17.8	11.9	0.45
300	197.5	29.6	23.1	14.8	9.9	0.54
350	169.3	25.4	19.8	12.7	8.5	0.63
400	148.1	22.2	17.4	11.1	7.4	0.72
450	131.7	19.8	15.4	9.9	6.6	0.81
500	118.5	17.8	13.9	8.9	5.9	0.90
600	98.8	14.8	11.6	7.4	***	1.08

***Exceeds maximum solubility

Foliar Feeding – Trial a small plot before spraying the entire area. Suggested starting concentrations are between 1 to 3 lbs of 30-10-10 per 100 gallons of water (360 to 1078 ppm N). Avoid spraying plants that are heat or drought stressed and the addition of a compatible foliar surfactant spreader may increase both safety and effectiveness.



Customer Service: 1-800-492-8255
www.icl-sf.us.com

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