30-10-10
Hi-Nitro Foliar Feed
G99710

Peters® Professional

Guaranteed analysis

Total Nitrogen (N) 30%
2.1% Ammoniacal Nitrogen
3.1% Nitrate Nitrogen
24.8% Urea Nitrogen
Available Phosphate (P_2O_5) 10%
Soluble Potash (K_2O) 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

Mix ratios (non-injector)

Fertilizer	+	Water (gallons)	=	Approx. N (ppm)
1 tsp		1		300
1 tbsp		2		451
1 cup		25		577
2 cups		50		577
3 cups		75		577
4 cups		100		577

Product properties

Potential basicity	1043 lbs. calcium carbonate equivalent per ton
Conductivity (100 ppm N)	0.18 mmhos/cm.
Maximum solubility	4.25 lbs./gal.

Weight (oz.) of product needed to mix one gallon of concentrate

Target 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	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	EMS	1.08

EMS = exceeds maximum solubility

Gallons of water needed to dissolve one 25 lb. bag of fertilizer

Target 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	EMS	1.08

EMS = 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.

ICL